Career Technical Education

Accounting — 12000

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsim rau cov tub ntxhais hluas kawm txog tej kev cai tswj kev ceev nyiaj txiag (accounting), txoj kev ncig ntawm kev ceev nyiaj, thiab kev npaj cov ntaub ntawv (financial statements) uas qhia txog kev siv nyiaj, kev them nyiaj hli (payroll) thiab kev them nyiaj se (tax records). Hoob kawm yuav qhia cov tub ntxhais hais txog txoj kev khwv nyiaj ua lag luam. Lawv yuav tau siv txoj kev cai tswj kev ceev nyiaj (GAAP) uas muaj kev pom zoo los ntawm lub teb chaws thaum yuav npaj tej ntaub ntawv qhia kev siv nyiaj, kev them nyiaj hli, thiab them se. Yam yuav tham txog yog account receivables, inventories, long-term assets, current liabilities, thiab kev siv computer los pab ceev nyiaj (computerized accounting).
Hoob yuav tsum tau kawm ua ntej: Computer Technology thiab Mathematics I
Cov ntaub ntawv uas siv: Accounting, McGraw-Hill Education

Adv Interdisc Science for Sustainable Agriculture — 12222

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Hoob no kawm yuav muaj ob peb yam kev kawm uake nrog rau laboratory science thiab kev tshawb nrhiav nrog rau kev kawm txog cov qauv rau kev tswj rau kev ua liaj ua teb thiab tu tsiaj txhu. Cov tub ntxhais yuav tsim ib qhov system thiab yuav sim ua (experiments) los daws tej cov teebmeem uas muaj niaj hnub nim no rau cov chaw ua lagluam ua liaj ua teb. Cov tub ntxhais yuav muab cov khoom uas tsim tau nyob hoob no nrog rau cov activites ntawm cov lagluam coj los sis txuas uake thiab muab coj los saib rau tej yam teebmeem uas yeej niaj hnub nimno muaj thiab yuav siv lawv tej txujci uas lawv muaj rau kev kawm college thiab ua haujlwm. Cov tub ntxhais yuav tsim thiab qhia txog yam uas lawv npaj tau zoo tshaj tsig txog cov av rau cov neeg ua liaj ua teb, qhia tej uas lawv paub txog tej uas muaj nyob rau cov av nyob rau hoob kawm no. Cov tub ntxhais yuav tau qhabnees rau lawv kev koomtes rau tej yam xwb li FFA kawm txog kev (tu tsiaj txhu) thiab ua liaj ua teb (SAE). Hoob kawm no yuav siv kev muab qhabnees " 5- point A".
Qhov uas yuav tsum tau kawm uantej: Yuav tsum tau kawm kom tiav Agriculture and Soil Chemistry thiab tau tus C lossis zoo dua
Cov ntaub ntawv siv los qhia: Tsi siv cov phau ntawv qhia

Advanced Graphic Communications — 12126

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Nyob rau hoob uas kawm siab no, cov tub ntxhais yuav qhia tau hais tias lawv kawm tau dabtsi los ntawm qhov uas muab lawv cov ntaub ntawv tej txujci coj los tso rau hauv ib qhov portfolio txog lawv cov duab uas tau kos uas yuav muab ua kom tiav rau digital format thiab yuav tau sojntsuam ua ntu zus txog kev siv cov program thiab tej txujci uas tau kawm uas muaj, tiamsis tsi tas rau ntawd xwb, 2D graphic design (i.e. branding, package design, advertising, illustration, animation, printed design, web design, type design, UX design), printmaking, digital imaging, and multi-media presentations and design. Tub ntxhais cov portfolio no yuav siv los rau kev sis tw yuav scholarship rau kev nkag kawm ntawv qib siab, cov programs, thiab rau kev nkag rau kev kawm Businessess in arts, media, thiab cov business ua yeeb yam. Hoob kawm no yuav kawm siab heev txog digital presentation uas yog ib qhov uas cov tub ntxhais yuav sib zog kawm rau. Hoob kawm no tejzaum yuav pab tau cov tub ntxhais kom tau txais is daim certificate rau tej yam haujlwm lossis transfer yuav tau college credits.
Qhov uas yuav tsum tau kawm uante(s): Digital Photography II, Digital Art thiab Graphic Design II, lossis Lag Luam Art
Cov ntaub ntawv siv los qhia: Tsi siv cov phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Advanced Manufacturing I — 12351

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yuav kawm txog kev siv cov software los tsim tej khoom uas yog three- dimensional (cov qauv uas zoo li lub tiag tiag). Cov tub ntxhais yuav kawm txog cov lus siv rau G code machine thiab tej lej uas yuav tau kawm rau hoob no. Yuav muaj kawm Advance computer-aided design thiab modeling software thiab. Cov tub ntxhais cov project yuav ua yuav pom nyob rau tej ntoo (wood), tej hlau, thiab tej yas uas siv CNC routers, CNC mills, CNC plasma cutters, and 3D printers.
Qhov Uas Yuav Tsum Tau Kawm Uantej: Manufacturing and Product Development, Introduction to
Cov ntaub ntawv siv los qhia: Tsi Muaj

Advanced Manufacturing II — 12352

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog hoob kawm kawg rau hoob Advanced Manufacturing Pathway. Cov tub ntxhais uas kawm hoob no yuav tsum tau siv CNC routers thiab mills los tsim ntau yam part thiab assemblies. Cov tub ntxhais yuav siv parametric modelling thiab yuav dhau los ua ib cov uas txawj tsim ub tsim no thiab paub siv tej machine.
Qhov uas yuav tsum tau nkawm uantej: Advanced Manufacturing I
Cov ntaub ntawv siv los qhia: Tsi muaj cov phau ntawv kawm rau hoob no.

Advanced Production & Broadcasting — 12155

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog los kawm saib txog kev tsim rau kev tshajtawm (broadcast) rau lub tsev kawm ntawv thiab kom ncav cuag li tej kev tu ncua rau kev tshaj tawm xovxwm lossis media. Cov tub ntxhais yuav siv tasnrho cov txujci kawm ntsig txog digital media production thiab yuav tau los txiav txim siab seb yuav siv yam txujci dabsi thiaj yuav zoo rau tej pab tibneeg uas yuav hais rau ntawd, yuav ua licas, thiab yuav ua kom tiav rau thaum twg. Tsi tas rau qhov kawm cov txujci txog media xwb, hoob no tseem yuav qhia cov tub ntxhais kom muaj kev loj hlob sis koomtes ua tau haujlwm zoo. Hoob no yog ib lub sijhawm zoo rau cov tub ntxhais uas xav kawm rau yam haujlwm media, xav kawm thaij film, lossis tseem xav kawm txuas ntxiv mus rau qib siab kom paub tob ntxiv txog cov kev kawm no thiab kawm txujci txuas ntxiv rau qhov ua lawv twb paub lawm.
Qhov uas yuav tsum tau kawm uantej: Digital Media Arts II or Video Production II
Cov ntaub ntawv siv los qhia: Tsis siv phau ntawv

Aerospace Engineering (PLTW) — 12361

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob kawm Project Lead The Way (PLTW) cov tub ntxhais yuav kawm txog tej yam tseemceeb txog nruab ntug thiab tej dav hlau uas ya puag sau hli. Thaum uas lawv tshawb nrhiav kawm txog tej dav hlau, cov tub ntxhais yuav los tsim ib cov airfoil, propulsion system, thiab cuajluaj (rocket). Cov tub ntxhais yuav los kawm txog hais tias lub dav hlau yuav khiav licas uas siv cov qauv los tsim thiab seb kev siv robot zoo licas los ntawm tej project xws li tsav cov tsheb uas yus tuaj tim no tswj xwb tsi tau nkag kiag mus zaum hauv tsav.
Qhov yuav tsum tau ua uantej(s): Principles of Engineering Design (PLTW)
Cov ntau ntawv siv los qhia: Project Lead the Way, https://www.pltw.org/

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Ag Mechanics, Advanced — 12310

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yuav kawm txog kev tsim thiab ua tej yam loj. Cov menyuam kawm ntawv yuav ua cov projects uas tej neeg zejzos muab tuaj lossis xav ntawm tuskheej uas hais txog hoob no. Cov khoom uas yuav siv los tsim tej yam ntawd koj yuav tau hauv tsev kawm ntawv lossis nqa tau tom tsev tuaj. Yuav muaj kev xeem ua ntu zus thiab cov menyuam kawm ntawv yuav tau koomtes ua cov projects thiab lwm yam.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv qhia

Agricultural Communications and Leadership — 12200

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsim qhia ib-semester xwb tiam sis pub cov tub ntxhais hluas rov qab kawm ntxiv kom tau credit tshiab. Hoob no yuav qhia txog kev ua tus coj nyob rau parliamentary procedure, kev tham lus tawm suab, kev ua haujlwm kom ncaj ncees thiab txuj ci ua liaj ua teb. Hoob no txoj haujlwm yog pab npaj kev ua si thiab hnub ua si rau cov tub ntxhais nyob qeb 3 thiab rau lub livestock projects pre-fair. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Leadership, Personal Development and Career Success, Cengage Learning

Agricultural Welding — 12225

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no qhia txog kev cobphum hauv kev txuas (coj) hlau, tsim cov qauv txuas, tus nplaim hluavtaws, kev siv oxygen/acetylene los txuas thiab hlawv, oxygen gas cutting, arc welding, arc air cutting, txuas kav pipe, ua kom tawv (hard surfacing), sim txuas (weld testing), paub txog cov hlau, nyeem blueprint, kev ntsuas thiab tso, thiab siv cov khoom txuas. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 10 credits xwb tsi tshaj ntawd.
Qhov uas yuav tsum tau kawm uante(s): Fabrication With Wood and Metal
Cov ntaub ntawv uas siv: Modern Welding, 12th Edition, Copyright 2020, The Goodheart-Willcox Company, Inc.

Agriculture Sales and Service — 12216

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog ntau yam kev lagluam uas yog tu tsiaj/cog qoob loo muag. Kawm txog kev lagluam uas yog tu yam tsiaj/cog yam qoob loo uas koj nyiam, nrog rau cov kev ua txhua yam kev lagluam. Npaj los ua ib txoj haujlwm uas tseemceeb tshaj hauv California. Cov chaw xwsli: chaw kho tsiaj, chaw xyaum nees, thiab chaw muag zaubmov tsiaj. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Animal Anatomy and Physiology of Plants 12202

Department: Career Technical Education **Grade Level:** 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob no muaj kev qhia, cov kev ua, thiab xyaum ua uas siv scientific method, cov kev muab nws cais, kev tso kua mis, kev tswj kev tu thiab yug, kev khomob, lub cev zoo licas, kev ua haujlwm ntawm lub cev, kev yug menyuam, tej zaubomv noj, kev sib faib/ncau (mitosis), meiosis, kev ua pa thiab cajces. Yuav kawm ntau txog cov tsiaj uas tseemceeb rau tibneeg, li peb ib txwm paub. Homework yog ua raws cov unit, tabsis feem ntau yog ua ib daim toj ib lub limtiam. Yuav nquag muaj xeem thiab xav kom cov menyuam kawm ntawv koomtes rau cov kev ua, kev sib tham hauv hoob, thiab lwm yam kev ua uas muaj. Yuavtsum tau muaj ib phau ntawv los sau txog tej uas kawm thiab nyob nyob yuav muab qhab-nees ib zaug rau. Cov menyuam kawm ntawv yuav muaj sijhawm mus kawm txog FFA, mus xyaum ua, xyaum kev Cog Qoob Loo. Cov menyuam kawm ntawv yuav tau ua lawv cov projects thiab tej yam uas yuav tau ua ntev (long-term assignments). Hoob no suav tau ua lub District cov hoob science xyoo-peb thiab suav tau ua ib feem ntawm cov hoob lab science hauv kev kawm nkag mus rau CSU thiab UC.
Qhov uas yuav tsum tau kawm uantej: Biology thiab Sustainable Agriculture
Cov ntaub ntawv uas siv: Introduction to Veterinary Science, Cengage Learning

Animal Science Advanced 12203

Department: Career Technical Education **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science **UC/CSU:** Elective: Other (g) **NCAA: No**

Hoob no qhia txog tej ntaub ntawv, kev koom ua si, thiab cov txuj ci nyob rau kev yug tsiaj, pab saibxyuas, pab tu, tsiaj kev muaj sia/lub cev kev ua haujlwm, kev paub ua haujlwm nrog tsiaj, pub mov, pub mov yug lub cev, kev los cim, kev xaiv, kev tu kom xeeb tub, thiab kev saibxyuas kom txhob muaj mob. Tej yam tseem ceeb yog kev pub mov, pub fiber, thiab kev ncig ua si. Muaj ua homework raws li lub unit, xws li ib qho assignment ib asthiv twg. Yuav tw xeem raws li caij nyoog thiab cov tub ntxhais hluas yuav tsum koom tes ua tej assignments, sab laj hauv hoob, nrog rau lwm yam tau teem tseg. Yuav tsum muaj cov phau ntawv notebooks uas siv txhua txhua hnub thiab yuav txais qhab nee tej lub sijhawm zoo. Hoob no yog ib hoob ntawm ntau hoob uas pab npaj cov tub/ntxhais rau kev txais kawm ntawv qeb siab txog ntau yam kev cai tswj kav kev ua lag luam tsiaj txhu (agriculture science). Lawv yuav paub txog FFA, tej supervised occupational experience programs, thiab cov haujlwm nyob rau kev ua lagluam tsiaj txhu. Hoob no ua tau raws li qho Life Science kev cai lav ntawv requirement. Hoob no ua tau raws li UC thiab CSU qho elective requirement.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Animation III 12159

Department: Career Technical Education **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob kawm no nyuaj/qeb siab tshawj plaws thiab muaj haujlwm ntau heev (rigorous), yog tsim los pab npaj cov tub ntxhais hluas uas mob siab tiag tiag, kom nws paub tej haujlwm txhij txhua, nws thiaj saibxyuas tau txhua yam xav tau thiab cov haujlwm uas siv sijhawm ntau heev hauv hoob studio. Yuav tau kawm txog ntau yam ntawm kev tsim cov duab las lauv animation no, cov uas yog three-dimensional thiab two-dimensional tib si. Ntxiv rau kev kawm yog tej yam tob thiab dav heev ntawm kev kws yees, kev txawj ua ib yam dabtsi, thiab lub laj lim tswv yim ntawm cov tub ntxhais hluas tej duab tau tsim. Qho tseem ceeb yog kev zoo nkauj, kev sau ntawv hais cov lus, thiab kev txav/ua zog. Hoob no yuav pub ib lub sijhawm zoo rau cov tub/ntxhais tej duab rau cov kws sawv cev ntawm chaw tsim animation studios thiab tsev kawm ntawv qeb siab tau saib. Pub rov qab kawm hoob no kom tau credit ntxiv. Hoob no ua tau raws li kev cai lav ntawv thiab rau UC thiab CSU Visual thiab Performing Arts cov requirements lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Animation I thiab II thiab tau qhab-nees B lossis siab dua, xyuas cov duab, lossis tus xibfwb tsocai
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Animation, Advanced — 12125

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yog kawm txog kev uas siv cov software in digital rau kev kos duab. Cov units kawm yog tsim kom tau ib cov projects rau cov tub ntxhais kom lawv los tsim lossis ua. Advance Animation yog hoob kawm siab rau hauv high school cov hoob kawm ua ntu zus rau kev kos duab. Hoob no suav tau ua ib hoob VAPA rau kev kawm kom tiav thiab ua ib hoob tuamyeem kawm rau kev nkag mus rau UC thiab CSU.
Qhov uas yuav tsum tau kawm uantej: Animation, Intermediate
Cov ntaub ntawv uas siv: Tsi muaj muab rau lawv

Animation, Intermediate — 12168

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yuav yog ib hoob concentrator course rau kev kawm kos duab rau pathway. Cov tub ntxhais yuav kawm kom paub cov qauv rau kev kos duab thiab kawm vibthis kev kos duab ntxiv rau qhov uas lawv twb tau kawm thaum nyob rau hoob uas pib kawm (introductory) uas yuav kawm txog cov qauv rau kev kos duab, txawj kos duab los tsim tej yam khoom. Tsi tas li ntawd xwb, cov tub ntxhais yuav kawm tsim thiab ua ib qhov portfolio uas qhia txog lawv tej haujlwm uas lawv tau ua. Cov tub ntxhais yuav tshawb nrhiav txog cov haujlwm uas muaj los ntawm kev uas saib txog ntau yam haujlwm nyob rau hauv AME tej lagluam. Thaum uas kawm tiav hoob no lawm, cov tub ntxhais yuav ua tiav ntau yam projects tsi hais cov nws ua ntawm nws tus kheej lossis nrog ib pab ua thiab lawv yeej npaj txhij yuav ua tej yam loj nyob rau cov hoob kawm siab tom ntej.
Qhov uas yuav tsum tau kawm uantej: Animation, Introduction to
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los qhia

Animation, Introduction to — 12167

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais txog tej uas tseemceeb rau kev kos duab thiab computer graphics. Cov tub ntxhais yuav kawm txog cov qauv, vibthis, thiab nqis tes ua thiab ua cov projects raws li kev kos duab nyob rau seem no thiab hauv computer graphics. Cov kev kawm yog rau cov tub ntxhais uas xav kawm tej txujci rau lawv kev tsim nrog rau tej vibthis kawm nyob rau hauv professional-level computer software los tsim tej duab hauv multimedia art. Hoob kawm no tshwjxeeb yog rau cov tub ntxhais uas xav kawm txog fine art communication, film, drama, computer animation, thiab/or graphic design. Cov haujlwm rau kev kos duab thiab animation tseem yuav tshawb nrhiav txiv.
Qhov yuav tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los qhia

AP Computer Science A — 12118

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: No**

Hoob kawm CTE Pathway no yog tsim los qhia cov tub ntxhais kom paub daws teebmeem, muaj txojkev xav tob, thiab tsim kom paub ib cov txujci rau kev xav kom paub daws tej teebmeem uas niaj hnub nimno muaj los ntawm kev siv computer science. Cov tub ntxhais yuav kawm txog tej uas tseemceeb nyob rau hauv computer science, tsi hais algorithms, data structures, thiab object-oriented programming. Cov tub ntxhais yuav qhia txog tej yam teebmeem uas lawv pom muaj nyob rau hauv Java programming, uas yuav cia tau lawv sau, muab coj los compile uake, thiab muab sim seb puas ua haujlwm. Thaum kawm yuav tiav rau hoob no, yuav npaj cov tub ntxhais rau kev xeem AP Computer Science A exam.
Qhov uas yuav tsum tau kawm uantej: Zauv I nrog tus qhab nias C los sis zoo dua tus xibfwb tsocai; Mathematics II thiab tau qhab nias C los siab dua
Cov ntaub ntawv uas siv: Introduction to Java Programming, AP Edition, Pearson Education, Inc.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Computer Science A — 07513

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: No**

Hoob kawm no yeej kawm tau qhabnees sis npaug zog li thawj-lub semester uas kawm nyob rau tom college rau computer science. Hoob kawm no qhia txog kev daws teebmeem thiab programming uas siv Java. Cov ntsiab lus kawm hauv hoob no yog program class design, implementation techniques, programming constructions, java library classes, thiab interfaces uas muaj nyob hauv AP Java subset, testing, debugging, runtime exceptions, program correctness, algorithm analysis, primitive data types, strings, classes, lists, one and two-dimensional arrays, sorting, searching, thiab operations on data structures. Yam tsawg yuav tsum tau nqis tes ua haujlwm hauv hoob (lab) li 20 xamoos, qhov no yog ib feem yuav tau ua nyob rau hoob kawm no. Hoob kawm no raug txais yuav los ntawm UC/ CSU li xyoo 4 rau kev kawm lej.
Hoob yuav tau kawm uantej: Mathematics II
Cov ntaub ntawv siv los kawm: Introduction to Java Programming, AP Edition; Pearson Education; code.org

AP Computer Science Principles — 12116

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob CTE Pathway kawm no yog tsim los nqua hu kom cov tub ntxhais uas yog lwm haivneeg los kawm rau computer science thiab hoob no yeej tsim los kawm kom sis npaug zog li thawj semester uas kawm rau introductory college computing course. Hoob no tsi yog yuav kawm txog ob lub ntsiab lus uas yeej ib txwm kawm- algorithms thiab programming xwb- hoob no tseem qhia cov tub ntxhais txog tej yam tswvyim loj thiab. Cov tswvyim loj, uas kawm txog algorithms thiab programming, feem ntau yog siv cov lus li no los qhia txog, kev uas txawj tsim ub no, muaj lub tswvyim yuav ua, data, Internet, thiab impact. Tsi tas li ntawd xwb, hoob no tseem kawm kom paub siv computer mus rau tej yam kev kawm thiab kev daws teebmeem. Nyob hauv tej kev kawm no muaj kawm txog kev sis txuas tau, kev tsim, lub tswvyim, kev sojntsuam, kev sis txuas lus, thiab kev sis koomtes ua haujlwm.
Hoob yuav tau kawm uantej: Exploring Computer Science
Cov ntaub ntawv siv los kawm: Code.org

AP Computer Science Principles — 07514

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob kawm no yog tsim los nqua hu kom cov tub ntxhais uas yog lwm haivneeg los kawm rau computer science thiab hoob no yeej tsim los kawm kom sis npaug zog li thawj semester uas kawm rau introductory college computing course. Hoob no tsi yog yuav kawm txog ob lub ntsiab lus uas yeej ib txwm kawm- algorithms thiab programming xwb- hoob no tseem qhia cov tub ntxhais txog tej yam tswvyim loj thiab. Cov tswvyim loj, uas kawm txog algorithms thiab programming, feem ntau yog siv cov lus li no los qhia txog, kev uas txawj tsim ub no, muaj lub tswvyim yuav ua, data, Internet, thiab impact. Tsi tas li ntawd xwb, hoob no tseem kawm kom paub siv computer mus rau tej yam kev kawm thiab kev daws teebmeem. Nyob hauv tej kev kawm no muaj kawm txog kev sis txuas tau, kev tsim, lub tswvyim, kev sojntsuam, kev sis txuas lus, thiab kev sis koomtes ua haujlwm.
Hoob yuav tau kawm uantej: Exploring Computer Science
Cov ntaub ntawv siv los kawm: Code.org

AP Studio Art: 2-D Design — 12128

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob CTE pathway no yuav tshawb nrhiav txog tej teebmeem uas muaj ntawm kev tsim ob qhov- dimentsional issues. Hom kev tsim li no muaj homphiaj zoo rau kev txiav txim siab txog kev siv cov elements thiab cov qauv rau kev kos duab. Muaj ntau hom kev kos duab tsi tas rau graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting thiab printmaking. Yuav kawm txog ntau yam xws li abstraction, thiab expression. Hoob kawm ncaj cuag li kev samfwm rau kev kawm ntawv tiav thiab ncav cuag li UC thiab CSU Visual thiab Performing Arts qhov uas yuav tsum tau kawm.
Qhov yuav tsum tau kawm uantej: Digital Art and Graphic Design II or Digital Photography II
Cov ntaub ntawv qhia: Tsi siv phau ntawv qhia

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Applied Public Health — 12409

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yuav cia cov tub ntxhais hluas kawm taub ntxiv kev txawj ntse txog pej xeem noj qab haus huv (public health) thiab yuav pab lawv kawm kom tau diam ntawv pov thawj Community Health Worker (CHW). Hoob siv ib xyoo kawm no yuav muaj tham lus qhia lectures, kev tshawb nrhiav, thiab kev mus ua haujlwm (field work) rau cov tub ntxhais thiab nws yog ib hoob kawm tuas rau lub Health TECH Academy. Thawj semester cov tub ntxhais hluas yuav kawm txog ntau yam haujlwm nyob rau chaw kho mob/kuaj mob (healthcare industry). Lawv yuav ua raws li lawv kev txawj ntse kawm txog pej xeem kev noj qab haus huv (Public Health) uas yuav pab lawv nkag siab txog kev pab yam kab mob. Cov tub ntxhais hluas yuav xyaum kom txawj sib txuas lus ntxiv los ntawm kev tsim thiab qhia ib qhov txog kev noj qab haus huv presentation uas tham txog yam uas yog culturally-competent, culturally-revelent rau cov pej xeem nyob rau hauv lawv lub zej zos. Cov tub ntxhais uas ua tau raws li cov kev cai yuav kawm dhau (certified) rau CPR/First Aid. Lub semester thib ob ntawm hoob no yuav tso cai rau coj tub ntxhais hluas kawm ntawv siv lawm kev kawm thiab lawm lub tswv yim coj los siv rau haujlwm nyob rau chaw kho mob/kuaj mob healthcare xws li tej haujlwm hauv zej zos thiab rau hauv clinical settings. Cov tub ntxhais hluas yuav kawm kom dhau kev xyaum teb lus interviewing, cia lawv siv kev txawj ntse thiab tswv yim pab txhawb kev zoo ntawm noj qab haus huv kom zoo mus xwb (positive health change). Tsis tas li no, cov tub ntxhais tseem yuav kawm tej txuj ci building/capacity building skils uas yuav pab tau cov pej xeem thiab lub zej zos. Yuav tsum kawm kom tau raws li cov sij hawm ua haujlwm dawb yam tsawg kawg nkaus ntawm zej zog (community service) nyob rau cov health fairs thiab lwm yam kev koom haujlwm, tus tub ntxhais thiaj li tsim nyog tau diam ntawv pov thawj CHW certificate.
Hoob yuav tsum tau kawm ua ntej: Fundamentals of Public Health
Cov ntaub ntawv uas siv: Health Science Fundamentals, Pearson

Applied Science, Introduction — 12208

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Elective: Science (g) | **NCAA: No**

Hoob no tsim los qhia txog tej yam yooj yim ntawm cov xyoob ntsoos, tsiaj txhu, nws lub luag haujlwm, kev sib txuas lus, thiab yam tseem ceeb heev rau tibneeg. Yuav qhia qho yooj yim ntawm cell biology thiab physiology, nrog rau ecological interactions. Cov tub/ntxhais yuav kawm txog FFA, tej supervised occupational experience programs, thiab cov haujlwm nyob rau kev ua lagluam tsiaj txhu uas tseem ceeb heev rau California tej pej xeem. Cov homework muaj xws li nyeem ntawv, sau ntawv, thiab sau ntawv xovxwm/tshawb nrhiav raws li kev kawm ntawm lub unit. Yuav tau tw xeem tej tests thiab quizzes raws li lub caij nyoog. Cov tub/ntxhais yuav txais qhab nee rau kev koom tes hauv hoob thiab hauv chaw ua laboratory exercises. Hoob no yog ib hoob ntawm ntau hoob uas pab npaj cov tub/ntxhais rau kev txais kawm ntawv qeb siab txog ntau yam kev cai tswj kav kev ua liaj ua teb agriculture science. Hoob no ua tau raws li qho Life Science kev cai lav ntawv requirement.
Cov ntaub ntawv uas siv: Agriscience: Fundamentals & Applications, Delmar

Arts, Media, and Entertainment, Introduction to — 12165

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yuav qhia rau cov tub ntxhais txog ntau yam haujlwm nyob rau Art, Media, thiab Entertainment (AME). Cov tub ntxhais yuav tshawb nrhiav txog cov haujlwm uas muaj rau design, visual, thiab media arts, performing arts, production thiab managerial arts, thiab game design thiab integration. Hoob kawm no muab cov projects coj los uake nrog rau txojkev kawm kom yuav pom txog licas, npaj tej homphiaj licas, thiab kev tshawb nrhiav thiab nhriav kev kawm. Cov tub ntxhais uas kawm tiav hoob no lawm yeej npaj txhij yuav nkag tau mus rau AME txojkev kawm ua ntu zus tau.
Cov ntaub ntawv siv los qhia: Career Choices and Changes, Academic Innovations

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Audio & Music Production, Advanced — 12129

Department: Career Technical Education
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob CTE Capstone no tsim cov qauv kev kawm tau kawm hauv Audio & Music Production, Nruab Nrab thiab npaj ntxiv cov tub ntxhais kawm rau ntau yam haujlwm ntawm kev tshaj lij kev lag luam audio. Cov tub ntxhais kawm yuav kawm txog kev sau nkauj tshaj tawm, kev sib xyaw ua ke, kev sib txuas, "kaw-tawm ntawm" chaw kaw thiab sib tov, thiab ua lub suab zoo dua. Cov tub ntxhais kawm yuav tsim thiab ua lawv tus kheej li kev siv hluav taws xob thiab tshawb xyuas lawv qhov kev txaus siab (kev tsim ua nkauj digital, ntaus suab paj nruag, tsim suab) thaum lub sijhawm raug sib tw nrog cov ntsiab lus tiag tiag thiab cov thev naus laus zis nyob rau hauv kev lag luam tam sim no.
Qhov yuav tsum tau ua uantej: Audio & Music Production, Intermediate (Nruab Nrab)
Cov ntaub ntawv siv los qhia: Modern Recording Techniques, Eighth Edition, Focal Press

Audio & Music Production, Intermediate — 12123

Department: Career Technical Education
Grade Level: 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Lub hoob qha kawm nuav yuav lug muab siv ua xws le yog hoob concentrator course tsuas hoob Audio & Music Productions pathway. Cov tub ntxhais kawm ntawv yuav lug kawm kom paub ntau ntxiv txug puab txuj kev kawm lug ntawm hoob pib qha kawm ua ntej (intro course) lug muab saib kom zoo ntxiv txug qhov kev xaav lug ntawm cov suab paaj nruag (music theory) hab cov khoom siv lug ua cov suab paaj nruag (instrumentation). Cov tub ntxhais kawm yuav rov qaab moog muab ib cov tswv yim kws tau pum taag lawm lug saib kawm dhua ntxiv xws le cov rhythm hab meter, hab maam le moog kawm txug cov scales, chords, arpeggios, hab harmonics lug ntawm txuj kev siv qhov DAW hab MIDI piano keyboard. Cov tub ntxhais kawm maam le moog kawm txug orchestration, moog saib taag nrho cov khoom siv (instruments) kws pum muaj nyob rua huv ib qhov orchestra los yog ib paab tub paaj nruag coob2 (big band), nrug rua lwm yaam khoom ntau2 kws muab siv lug ua suab paaj nruag thoob plawg lub nplaj teb nuav xws le lug ntawm cov haiv tuab neeg zoo xws le African, Indian, Cuban/Latin, Middle Eastern, hab Asian cov khoom siv ua suab paaj nruag. Cov tub ntxhais kawm ntawv yuav lug xyum muab cov khoom siv ua suab paaj nruag nuav lug siv koom ua nrug puab cov dlej num ntawm puab tug kheej hab muab siv ua moog nyob nrug rua huv puab qhov kev ua es txhaj le yuav tau txais tau ib tug qhab nees zoo huv puab qhov short film.
Hoob Yuav Tsum Tau Kawm Ua Ntej: Introduction to Audio & Music Production
Cov ntaub ntawv siv lug ua qha kawm tau pum zoo kom muaj: Tsi siv cov phau ntawv nyeem nyob rua huv hoob nuav

Audio & Music Production, Introduction to — 12127

Department: Career Technical Education
Grade Level: 10 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Visual and Performing Arts (g) **NCAA: No**

Introduction to Audio & Music Production
Hoob kawm no qhia txog tej haujlwm uas muaj rau kev kaw suab, ua suab thiab tso suab tawm. Cov tub ntxhais yuav kawm txog Digital Audio Workstation (DAW) seb ua haujlwm licas, kev sau nkauj, kaw suab, kev kho suab, tso suab licas, thiab tsim ib cov suab kom paub zoo txog qhov no uas yuav kawm txuas ntxiv rau ob lub xyoo tom ntej rau kev kawm nyob pathway. Cov tub ntxhais yuav tshawb nrhiav txog ntau yam thiab tej haujlwm txog kev kaw suab thiab tej zaum yuav tau saib txog tej uas nyiam thaum uas los ua tej haujlwm tiag tiag uas siv tej kev txawj ntse thiab technologies uas muaj niaj hnub nimno los rau cov haujlwm kaw suab.
Cov hoob yuav tsum tau kawm uantej: Tsi Muaj
Cov ntaub ntawv siv los qhia: Tsi siv ntaub ntawv

Audio Production I

12156

Department: Career Technical Education
Grade Level: 10-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

Hoob no tsim los qhia thiab npaj cov tub ntxhais rau cov haujlwm uas siv lossis kaw suab (audio). Yuav kawm thiab ua tau li no los ntawm kev kawm cov qauv rau signals, kaw suab rau cov track, MIDI Programming, thiab digital audio workstations. Nws yuav pib qhia txog cov tswvyim thiab kev xyaum rau cov suab nyob rau xovtooj cua. Cov tub ntxhais yuav nyeem ib cov ntawv xovxwm sau los ntawm cov neeg txwj ntse, lawv yuav kawm kom paub txog cov qauv rau kev tsim kev kaw suab los ntawm tej khoom uas siv los kaw, thiab lawv yuav tsum tau ua li npaj nyob rau cov lab activities uas siv cov lagluam cov software cov qauv. Cov tub ntxhais kawm yuav tau qhabnees rau pem Cosumnes River College credit for RTVF 319.
Cov ntaub ntawv uas siv: Modern Recording Techniques, Eighth Edition, Focal Press

Automotive Services: Advanced

12317

Department: Career Technical Education
Grade Level: 11-12
Credits: 10.0
Max Credits: 20.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob no yog hoob thib peb nyob rau peb- hoob uas kawm sis txuas ua ntu zus. Hoob no yog hoob kawm siab txog kev kho tsheb nyob rau hauv pathway uas cov tub ntxhais yuav los siv tej lawv kawm tau los rau ntau yam kev kho tsheb, siv tej ciaj thiab tej khoom siv kho tsheb. Hoob no yog tsim los kom muaj cov txujci kev kho tsheb kom zoo uas yuav npaj rau ntau yam ua tomqab kawm ntawv tiav. Tej yam yuav ua yog mus kawm college txuas ntxiv lossis mus ua haujlwm. Cov tub ntxhais yuav nqis tes ua ntau yam xws li muaj tus cob qhia thiab mus xyaum ua haujlwm uas muaj tus saib xyuas nyob rau hoob kawm no. Thaum kawm tiav hoob no, cov tub ntxhais yuav ua ib qhov project losssis ib qhov project txog kev kawm uas hais ntsig txog kev kho tsheb.
Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Qhov yua tsum tau kawm uantej: Kawm kom tiav hoob Automotive Servies: Kawm hoob The Next Level thiab tau tus "C" lossis zoo dua; thiab kawm hoob English 11 (xav kom yuav tsum tau kawm)
Qhov uas yuav tsum kawm uantej lossis thooj txhij nrog: Integrated Mathematics II(xav kom yuav tsum tau kawm
Cov ntaub ntawv uas siv: Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition, Pearson Education

Automotive Services: Fundamentals

12315

Department: Career Technical Education
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob no yog thawj hoob ntawm peb hoob uas yuav tau kawm sis txuas ua ntu zus. Nws yog tsim los pab cov tub ntxhais kom paub txog kev cobphum, kom paub cov ciaj kho tsheb, pib qhia txog kev kho tsheb, lub hauvpaus rau kev siv technology, thiab tshawb nrhiav txog kev siv technology rau tsheb thiab kev tsim tsheb uas siv technology. Lwm yam ntsiab lus yuav kawm yog kawm txog keebkwm, kev tsim, kev tsi khoom ub no, kev tsim thiab kev txhim kho tsheb kom zoo timnyog siv thiab seb yuav hloov tau lub ntiajteb no licas. Nyob rau hauv no cov tub ntxhais yuav kawm ua ntu zus txog lub tsheb thiab seb nws ua haujlwm licas xws li brakes, lub cav ua haujlwm licas, tej xaim hluav taws xob ua haujlwm licas, thiab seb qhov suspension/kauj tsheb ua haujlwm licas. Tomqab uas kawm tiav hoob no lawm, cov tub ntxhais yuav muaj kev totaub thiab paub txog ntau hom tsheb thiaj paub tias yuav tau kho licas.
Cov ntaub ntawv uas siv: Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition, Pearson Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Automotive Services: The Next Level — 12316

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog hoob ob ntawm peb hoob kawm sis txuas ua ntu zus. Nws yog ib hoob uas kawm txuas ntxiv rau hoob Fundamentals of Automotive Services tiamsis yuav muaj kev cobqhia ntau dua thiab kom paub cov txujci rau kev siv cov ciaj kho tsheb thiab tej khoom siv los kho tsheb ntau dua. Hoob no yog tsim los pab cov tub ntxhais kom muaj kev kawm thiab kom paub txog tej khoom siv nyob rau tej yam li nram no: rovqab kho dua lub cav, transmission, clutch, drive train, differentials, thiaj tasnrho lub tsheb kom khiav ua haujlwm zoo, thiab kom paub txog tej xaim hluav taws xob khiav ua haujlwm licas. Cov tub ntxhais yuav nqis tes ua ntau yam xws li muaj tus cob qhia thiab mus xyaum ua haujlwm uas muaj tus saib xyuas nyob rau hoob kawm no. Thaum kawm tiav hoob no lawm, cov tub ntxhais yuav muaj sijhawm los mus qhia txog lawv txojkev kawm thiaj tej txujci uas lawv muaj los ntawm ib qhov community event hu ua "Elk Grove High School Car Show."
Qhov uas yuav tsum tau kawm uantej: Kawm kom tiav hoob Automovtie Services: Kawm hoob Fundamentals thiab tau tus "C" lossis zoo dua thiab kawm hoob English 10
Qhov uas yuav tsum kawm uantej lossis thooj txhij nrog: Integrated Mathematics I (xav kom yuav tsum tau kawm)
Cov ntaub ntawv uas siv: Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition, Pearson Education

Automotive Technology — 12306

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog los npaj cov tub ntxhais rau kev yuav tsheb. Cov tub ntxhais yuav kawm txog kev yuav tsheb nrog rau kev kawm kom paub kho tsheb mentsis.
Hoob yuav tsum tau kawm uantej: Tsi muaj

Cov ntaub ntawv siv los kawm: Tsi muaj ntaub ntawv uas yuav muab rau lawv

Baking & Patisserie — 12424

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los rau cov tub ntxhais hluas uas xav kawm txog kev ua zaub mov noj ntxiv thiab chaw ci khaub noom (bakeshop). Lawv yuav kawm txog cov nplem uas ceev ceev (quick breads), poov xab breads (yeast breads), ncuav qab zib (cookies), ncuav (cakes), nrog rau lwm yam khoom noj. Qho tseem ceeb yuav qhia txog yog cov ncuav qab zib uas muaj ob peb theem (cakes), khoom qab zib hauv lub tais (plated desserts), nrog rau kev siv chocolate thiab suab thaj (sugar).
Hoob yuav tsum tau kawm ua ntej: None
Cov ntaub ntawv yuav div: Tsi siv cov phau ntawv

Beat Making & DJ Fundamentals — 12169

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yuav tshawb nrhiav txog tej haujlwm ua ib tus disc jockeying thiab ua cov casvab (beats) uas siv digital music software los ua. Cov tub ntxhais yuav kawm txog Digital Audio Workstation (DAW) technology thiab kawm ua casvab nrog rau kev kawm vibthis, technologies, thiab software.
Hoob uas yua tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv kawm

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Behavioral Health Theory & Practicum for CHW — 12419

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no pib qhia txog lub hlwb txojkev xav thiab kev pab rau cov neeg xiam hlwb, tsim kom muaj kev paub totaub zoo rau cov neeg uas ua haujlwm pab rau cov neeg xaim hlwb kom yuav pab tau rau lawv. Cov tub ntxhais yuav los saib txog cov haujlwm rau cov neeg nyuaj siab xiam hlwb. Hoob no yuav kawm ntev li ib xyoo thiab yuav qhia cov tub ntxhais los ntawm kev txhawb qhia (lecture), kev tshawb nrhiav txog cov projects, sim ua, los tshawb thiab kawm txog cov case, thiab mus ua haujlwm uas yog ib feem uas cov tub ntxhais yuav tsum tau kawm nyob rau TECH Academy. Cov tub ntxhais uas kawm ncav cuag li community health worker qhov certification uas yuav tsum tau muaj yuav tau txais ib daim ntawv certificate rau community mental health.
Qhov uas yuav tsum tau kawm uantej: Applied Public Health (recommended)
Cov ntaub ntawv uas siv: Understanding Psychology, Glencoe

Biology and Sustainable Agriculture — 12220

Department: Career Technical Education | **Grade Level:** 09-10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

Hoob kawm no yuav muaj cais ua plaub unit loj kawm thiab yuav muaj kev kawm kev xyaum rau biology sicience thiab kom paub txog kev ua liaj ua teb kev tu ntsiaj txhu. Cov lus nug nram qab no yuav teb rau: Unit ib, sustainable agriculture yog dabtsi? Unit ob, sustainable agriculture haum rau peb tej chaw nyob tej huab cuab li cas? Unit peb, molecular cov biology qauv dabtsi coj lossis tswj tau sustainable agriculture licas? Thiab unit plaub, peb yuav txiav txim siab licas thiaj yuav xyaum ua tau zoo nyob rau sustainable agriculture kom zoo rau txhua yam uas muaj sia xws li tibneeg, tej tsiaj txhu thiab tej cuab cua. Nyob rau txhua unit uas kawm, yeej muaj ib cov qauv rau life science uas kawm nrog rau cov qauv rau agricultural thaum cov tub ntxhais kawm thiab paub txog ob qhov no thiab nws ua haujlwm licas, tsim koj cov qauv rau kev ua liaj ua teb kom muaj kev txhawb rau tus tub ntxhais qhov portfolio rau kev tshawb nrhiav. Hoob no kawm tau 10 credit qhabnees rau Life Science uas yuav tsum tau muaj thiaj yuav kawm ntawv tiav.
Qhov uas yuav tsum tau kawm uantej(s): Tsi Muaj
Cov ntaub ntawv siv los qhia: STEMscopes CA-NGSS-3D, The Living Earth

Biomedical Innovation Honors (PLTW) — 12406

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

Hoob kawm kawg no yuav qhia txog tibneeg lub cev thiab seb ua haujlwm licas kom thiaj paub tsim nrhiav kev daws tej teebmeem rau kev tsim tej tshuaj, physiology, biomedical engineering, thiab pejxeem kev noj qab haus huv. Cov tub ntxhais yuav los nrhiav kev daws tej yam teebmeem tshwjxeeb, tej yam teebmeem uas muaj uantej lawv ua lawv qhov experimental project. Hoob kawm no kawm tau li UC thiab CSU tej qhabnees elective science requirements. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Cov ntaub ntawv uas tau txais yuav los kawm: Project Lead the Way, https://www.pltw.org/

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Broadcast Journalism — 12150

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hauv hoob no, cov tub ntxhais hluas yuav tau tshaj tawm ntau yam xovxwm rau hauv tsev kawm ntawv. Thaum yees duab, tus tub/ntxhais yuav tau nthuav tawm cov xovxwm tshwm sim hauv lub ntiaj teb thiab cov hauv zos, tsev kawm ntawv cov xovxwm thiab tej yam uas tseem ceeb, cov dab neeg muaj npe nrov loj, kev sib tw ntaus pob/ncaws pob, qhia txog tej huab cua, nrog rau lwm yam xovxwm los ntawm tej pej xeem. Dhau ntawm txoj haujlwm tawm xovxwm no, tus tub/ntxhais pab tau nrog lwm yam thiab. Nws kawm tau txog cov haujlwm sau zaj dab neeg thiab pab saibxyuas tej khoom siv yees duab hauv lub studio xws lis tej teleprompters uas qhia cov lus yuav hais, cov microphones siv tham lus, cov khoom siv tso suab, cov teeb, nrog rau lub koob yees duab. Txuas ntxiv, cov tub ntxhais hluas yuav txais tej lub sijhawm zoo mus tshawb thiab kawm siv cov computer software thiab programs. Nws yuav muaj caij nyoog mus pab ua lub luag haujlwm ntawm kev coj noj coj ua. Cov haujlwm ua tau muaj xws li kev ua tus manager saibxyuas txhua yam hauv theem ntawv, tus manager saibxyuas tej khoom siv, tus kws kho ntaub ntawv, tus kws coj kev, los tus kws tsim tawm. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 10 credits xwb tsi tshaj ntawd.
Hoob kawm ua ntej mam kawm tau lwm hoob: Video Production II or Digital Media Arts II
Cov ntaub ntawv uas siv: Digital Video: Production Cookbook, O'Reilly Media Inc.

Building Trades I — 12311

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim qhia cov tub ntxhais kom totaub txog kev kaw ntoo thiab kom paub tej txujci rau kev tsim vajtse, kev tsim vajtse rau sawvdaws nyob (residential) lossis tsim tej vajtse ua lagluam (commercial). Hoob kawm no yuav qhia kom muaj kev cobphum, thaum siv tej twj (tools) uas siv hluav taws xob thiab kom ua tiav peb qhov projects ua muaj kev txiav txim siab nyob rau hauv txog tej kev tsim vajtse tsi hais tej vajtse rau sawvdaws nyob lossis tej vajtsev ua lagluam.
Hoob yuav tau kawm uantej: Tsi muaj
Cov ntau ntawv siv los kawm: Career Connections: Project Book 1

Building Trades II — 12312

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim los qhia cov tub ntxhais kom paub ntau ntxiv txog kev kaw ntoo thiab kom paub tej txujci rau kev tsim vajtse, kev tsim vajtse rau sawvdaws nyob (residential) lossis tsim tej vajtse ua lagluam (commercial). Hoob kawm no yog kawm txuas ntxiv rau Building Trades I.
Cov tub ntxhais yuav ua kom tiav ob peb qhov project uas tseem nyuaj dua li cov uas ua hauv Building Trades I.
Hoob yuav tau kawm uantej: Building Trades I
Cov ntaub ntawv siv los kawm: Career Connections: Project Book 2

Building Trades III — 12313

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim los qhia cov tub ntxhais kom totaub txog cov lagluam rau kev kaw ntoo thiab ntau yam txujci uas siv los tsim vajtse rau sawvdaws nyob thiab tsim tej vajtse ua lagluam. Hoob kawm no yuav qhia kom muaj kev cobphum, thaum siv tej twj (tools) uas siv hluav taws xob thiab kom ua tiav peb qhov projects ua muaj kev txiav txim siab nyob rau hauv txog tej kev tsim vajtse tsi hais tej vajtse rau sawvdaws nyob lossis tej vajtsev ua lagluam.
Hoob yuav tau kawm uantej: Building Trades II
Cov ntaub ntawv siv los kawm: Career Connections: Project Book 3

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Business Finance 12010

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog tsim los kom cov menyuam kawm ntawv tau siv lawv txoj kev paub txog lej rau tuskheej thiab kev lagluam: teev txog nyiaj txiag, laij tias khwv tau nyiaj los npaum licas, feem yus tau (commissions), khaws thiab tso nyiaj ua lagluam, laij nqi tsev thiab nqi tsheb, cov se, nyiaj muag khoom, thiab lwm yam. Yuav muaj kev ua homework ua ntu zus. Cov menyuam uas kawm dhau hoob no yuav tau txais credit rau lej rau kev kawm kom tiav. Hoob no suav tau ua ib hoob lej rau xyoo plaub (senior) hauv kev kawm kom tiav.
Yam yuavtsum tau kawm uantej: Kawm tas Mathematics I
Cov ntaub ntawv uas siv: Mathematics for Business and Personal Finance, McGraw-Hill Education

Business Law 12022

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no kawm txog kev chiv ntawm txoj kevcai, cov kev hais plaub tamsim no, thiab cov cai thiab tej tus tibneeg yuavtsum tau ua. Cov menyuam kawm ntawv yuav los kawm txog cov kevcai uas tswj kev ua lagluam, nrog rau cov ntawv sib coglus (contracts). Ntau yam uas hais txog tibneeg (txhua yam teebmeem plaub-ntug yog hais txog tibneeg cov cai thiab tej uas tibneeg yuavtsum tau ua) hauv peb tej zejzos, hoob no yog ib hoob uas yuav qhia kom kawm tau kev txawj xav. Yuavtsum tau kawm ntxiv sab nraud: yuav los xyuas txog ib cov kev sib hais (cases); kuaj cov ntawv thiab lub ntsiab ntawm cov lus.
Cov ntaub ntawv uas siv: Understanding Business & Personal Law, Glencoe

CADD, Advanced 12348

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog kev tsim tus qauv ua vaj ua tsev los yog kev siv tshuab (machine) los tsim tus qauv, kawm yam twg los tau nyob ntawm tus tub ntxhais hluas xwb. Yuav qhia txog tej twj hlau, txuj ci, nrog rau kev kwv yees hauv ob hom kev kawm no tib si. Hoob no yuav qhia txog yam yooj yim ntawm cov txuj ci thiab kev kws yees thaum siv computer los tsim tus qauv duab los sis computer-assisted drafting (CADD). Yuav siv cov qauv yooj yim thiab cov duab luam los ntawm lub machine qhia rau cov tub/ntxhais. Muaj sau ntawv thiab ua nyias li haujlwm projects. Pub rov qab kawm hoob no ntxiv kom tau credit tshiab, tsis tas li ntawv los, xa mus siv tau rau lub CADD program tibsi. Cov kawm qib kaum uas kawm rau hauv Advance Drafting thov kawm yuav credit rau lej rau hoob no los tau.
Yam yuav tsum tau kawm uantej: kawm ib semester rau drafting lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Residential Design Using Revit Architecture 2009, SDC

Careers in Education 12610

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm pathway no yuav qhia cov tub ntxhais txog ntau yam haujlwm nyob rau kev qhia ntawv. Hoob kawm no yuav kawm los ntawm kev nqis tes ua tej yam activites thiab mus ua tej yam haujlwm raws li cov ntsiab lus kawm xws li kom paub txog kev sis raug zoo ntawm cov menyuam yau, txawj coj, thiab muaj kev qhuab ntuas, thiab npaj tej yam activities uas tsimnyog rau kev kawm ntawv.
Cov ntau ntawv siv los qhia: Those Who Can, Teach, Cengage Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Careers with Children **12606**

Department: Career Technical Education **Grade Level:** 11-12 **Credits: 20.0** **Max Credits: 20.0**
Graduation Requirement: Career Technical Education **UC/CSU:** None **NCAA: No**

Hoob no cob cov preschool teachers thiab elementary instructional aides. Cov menyuam kawm ntawv yuav xyaum kev coj, npaj zaj qhia thiab kev npaj los qhia, cov kev uasi raws lub hnub nyoog thiab kev tswj cov menyuam hauv lub hoob. Untej qhia mentsis tas, cov menyuam kawm ntawv yuav mus ua haujlwm nrog tus training site teacher thiab cov menyuam yaus mus xyaum tej uas lawv kawm tas lawm thiab mus xyaum kev yuav ua ib tus xibfwb qhia ntawv. Hoob no siv tau mus ua ib hoob Early Childhood Education units hauv community college thiab mus rau txoj kev kawm ua xibfwb qhia preschool programs. Kev mus xyaum ua haujlwm hauv tej zejzos yuav suav kev mus qhia preschools, cov chaw zov menyuam, cov cahw zov menyuam mos, elementary schools, cov chaw tu tibneeg, thiab chaw tibneeg tuaj uasi.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Chemistry and Agriscience **12221**

Department: Career Technical Education **Grade Level:** 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science **UC/CSU:** Physical Science (d) **NCAA: Yes**

Hoob no kawm txog kev tshawb nrhiav txog physical thiab chemical uas muaj nyob rau tej av nrog, tej nroj tsuag, tej tsiaj, thiab kev kawm xyaum ua liaj ua teb thiab tu tsiaj. Cov tub ntxhais yuav los ua tib zoo sojntsuam txog cov av thiab tej thaj av thiab tej nroj tsuag, tej tsiaj seb lawv kev nyob uke sis xyaw li no ua rau tej nroj tsuag loj hlob thiab tej tsiaj huaj vam licas. Cov tub ntxhais yuav tsim ib qhov kev tshawb nrhiav rau Agriscience thiab yuav ua ntu zus nyob rau thawj lub semester rau hoob kawm no. Cov tub ntxhais yuav tshawb nrhiav thiab yuav (test) rau tej yam lus nug uas lawv muaj rau Agriscience lossis hais tsig txog nyob rau qhov kev kawm, saib txog tej yam lawv xav tias yuav muaj raws li kev tshawb nrhiav tau, mus sim ua qhov test seb puas muaj li xav ntawd, muab teev cia seb muaj npaum licas, thiab muab xaus los ntawm kev uas saib txog cov kev qhia (data). Cov kev uas tshawb nrhiav tau nyob rau qhov program no yog ib qhov kev tshawb nrhiav uas tob thiab muaj ntaub ntawv sau txog cov experiment raws li cov kevcai muaj rau science thiab tej uas muaj rau APA formatting. Cov tub ntxhais yuav tsim thiab qhia txog yam uas lawv npaj tau zoo tshaj tsig txog cov av rau cov neeg ua liaj ua teb, qhia tej uas lawv paub txog tej uas muaj nyob rau cov av nyob rau hoob kawm no. Cov tub ntxhais yuav tau qhabnees rau lawv kev koomtes rau tej yam xwb li FFA kawm txog kev (tu tsiaj txhu) thiab ua liaj ua teb (SAE). Qhov uas kawm hoob no tiav, nrog rau hoob uas kawm Agriscience System management, uas yog hoob thib peb (3) rau cov kev kawm no, ncav cuag li lub district qhov qhabnees rau General Science rau kev kawm ntawv tiav.
Qhov uas yuav tsum tau kawm uantej: Yuav tsum tau kawm kom tiav Sustainable Agriculture thiab tau tus C lossis zoo dua
Cov ntaub ntawv siv los qhia: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Commercial Art **12148**

Department: Career Technical Education **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no qhia cov menyuam kawm ntawv txog kev siv air brush los pleev duab (painting), nrog rau lwm yam kev pleev duab thiab cov kev kos duab uas siv cov xom qhuav uas muaj xim, pastels, npiv thiab kua npiv (ink), cov ntawv siv los kos duab, thiab lwm yam khoom siv (media) uas zoo siv los kos qauv thiab duab rau cov menyuam kawm ntawv ntsia. Hoob no yog tsim los rau cov menyuam kawm ntawv uas kawm txog theem nrab lossis theem siab hauv art uas muaj peevxwm ua kos lossis pleev tau duab ntawm nws tuskheej. Yuav qhia ntau txog kev siv tswvyim los kos thiab pleev, kos thiab pleev kom zoo nkauj thiab ua kom yam nws pib lawm tiav li tus neeg uas txawm ua thiab muaj peevxwm. Kev kawm txog keebkwm, kev txaus siab thiab txawj paub tias nws kos thiab pleev tau zoo lossis tsis zoo.
Yam yuavtsum tau kawm uantej: Art I los xibfwb tsocai
Cov ntaub ntawv uas siv: Graphic Design Solutions, Thomson/ Delmar

Computer Aided Design/Drafting (CADD) 12100

Department: Career Technical Education **Grade Level:** 09-10 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob kawm no yog lub hauvpuas tsim kawm rau cov hoob kawm CADD. Hoob kawm no yuav kawm txog kev tsim computer- aided design/thiab tej txujci kawm rau drafting, yog rau cov tsi paub lossis paub me me xwb txog kev siv software rau CADD. Yuav qhia cov tub ntxhais txog cov hardware thiab tej program tshiab thiab tej lawv muaj. Kev piav qhia (lectures) thiab tej yuav ua licas xws li tej xim,dimensioning, layers, thiab blocks. Cov projects xws li tsim tej vise yog los kawm thiab xyaum ntau yam kev kos duab uas siv tej txujci kawm los tsim. Hoob kawm no yeej kawm tej uas tseemceeb rau kev ua kos duab (full-fledged drawing los ntawm scaling mus rau plotting).
Cov ntaub ntawv siv los qhia: Applying Auto-Cad, Glencoe

Computer Animation 12163

Department: Career Technical Education **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob kawm no npaj cov tub ntxhais rau cov haujlwm uas pib qis nyob rau visual communication field. Cov tub ntxhais yuav kawm kom paub tej txujci tau computer laboratory nyob rau cov kev kawm kos dua, kawm ua film, thaij video, thiab kom paub computer graphics. Cov tub ntxhais yuav ua ib qhov professional portfolio, uas muaj ib phau ntawv uas lawv kos dua nyob rau hauv, muaj tej qauv pevtxwv rau storyboard, thiab muaj ib daim videotape ua nws ua nyob rau hauv.
Adopted curricular materials: The Encyclopedia of Animation Techniques, Quarto

Computer Applications, Advanced 12130

Department: Career Technical Education **Grade Level:** 09-12 **Credits: 5.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education **UC/CSU:** None **NCAA: No**

Hoob no yuav pab kom cov menyuam kawm ntawv txawj computer ntxiv. Cov menyuam kawm ntawv yuav kawm tob dua ntxiv txog kev siv computers uas yog siv kev sau ntawv, multimedia, thiab Internet li ib txoj haujlwm. Cov menyuam kawm ntawv tseem yuav muaj sijhawm los xyaum ua haujlwm hauv ib lub office thiab siv lawv txoj kev paub txog computer. Kawm tau hoob no dua yuav ib tug tshaj plaws ntawm 10 credits.
Yam yuavtsum tau kawm uantej: Computer Technology thiab Intermediate Computer
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Computer Integrated Manufacturing (PLTW) 12356

Department: Career Technical Education **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education **UC/CSU:** Science Recommended (d) **NCAA: No**

Hoob kawm rau Project Lead the Way (PLTW) Engineering no yog kawm txuas ntxiv rau cov qauv kawm uas twb kawm nyob rau Engineering Design. Cov tub ntxhais tseem yuav tsum tau siv cov kev tsim khoom los tsim tej yam khoom (manufactured items). Cov khoom manufactured items yog ib cov khoom uas peb yeej siv txhua hnub, txawm li ntawd los feem ntau ib txhia tub ntxhais yeej tseem tsi tau paub txog kev tsim tej khoom siv no uas siv high- tech tshiab los tsim. Hoob no qhia kom pom kev thiab totaub txog kev tsim tej khoom siv thiab qhia cov tub ntxhais txog kev tsim khoom yuav tsim licas, tej khoom uas tsim zoo licas, robotics, thiab automation.
Qhov yuav tsum tau ua uantej: Kawm kom tiav hoob Principles of Engineering Design (PLTW)
Cov ntaub ntawv siv los qhia: Project Lead the Way, https://www.pltw.org/

Computer Integrated Manufacturing (PLTW), Honors — 12357

Department: Career Technical Education
Grade Level: 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Science Recommended (d) **NCAA: No**

Hoob kawm no yog ib hoob kawm tshwjxeeb rau Project Lead the Way (PLTW) Engineering program. Hoob kawm no yuav pab kom cov tub ntxhais uas kawm engineering kom paub tej txujci ntxiv rau kev tsim tej khoom uas nyob ib ncig ntawm peb. Cov tub ntxhais yuav kawm ntxiv rau qhov uas lawm twb kawm tas los rau Computer Aided Design (CAD) los ntawm kev siv Computer Aided Manufacturing (CAM) software. CAM transforms yog ib qhov digital design rau ib qhov\\ program uas Computer Numerical Controlled (CNC) mill siv los muab tej yam khoom (raw material) coj los tsim ua tej yam khoom siv los ntawm cov tub ntxhais. Cov tub ntxhais yuav siv tej uas lawv kawm ntsig txog robotic systems xws li Automated Guided Vehicles (AGV) thiab robotic arms into manufacturing systems. Los ntawm kev kawm ua ntu zus nyob rau hoob no, cov tub ntxhais yuav kawm txog kev tsim khoom siv thiab qhov system. Hoob kawm no yuav kawm mus siab txog rau qhov uas cov tub ntxhais yuav tau los tsim, program, thiab los qhia txog ib tus qauv rau kev tsim khoom (manufacturing system) uas yeej siv tau los tsim khoom. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Hoob yuav tsum tau kawm uantej: Principles of Engineering Design thiab yuav tsum tau tus C lossis zoo dua thiab kawm hoob Mathematics II
Hoob yuav tau kawm uake nrog: Mathematics III or higher
Adopted curricular materials: Project Lead the Way, https://www.pltw.org/

Computer Networking Basics (LAN) — 12134

Department: Career Technical Education
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

Hoob no qhia txog tej yam tob heev ntawm kev cab hlua xov (wiring), txoj hauv kev yuav ua mus (protocols), kev saibxyuas haujlwm (management) thiab kev sib txuas (configuration) ntawm cov Local Area Networks (LAN). Cov tub ntxhais hluas yuav tsum paub txog txhua yam ntawm kev teeb tsa thiab saibxyuas cov LAN routers, pauv cov hubs, servers thiab workstations. Lawv yuav tsum nkag siab txog lub computer operating systems (Windows los yog Mac) thiab paub txog tej yam yooj yim ntawm kev siv Internet ua ntej yuav kawm hoob no.
Hoob yuav tsum tau kawm ua ntej: Computer Technology
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Computer Programming Language — 12110

Department: Career Technical Education
Grade Level: 11-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

Hoob kawm no qhia txog cov lus rau C language; uas yog qhov uas siv ntau tshaj thiab yog ib qhov program uas yeej txais yuav los ntawm ntau qhov. Hoob all- purpose language yog qhov yuav tsum tau kawm uantej kom paub txog tej txujci nyob rau programming. Cov tub ntxhais yuav kawm kom totaub thiab paub txog tias nws zoo licas thiab kom paub siv qhov program "C". Cov ntsiab lus yuav kawm muaj li no: Kev siv rau preprocessor thiab compiler data type distinctions; data operators; arrays; strings; pointers; C expressions uas muaj kawm txog evaluating arithmetic, relational thiab logical expressions; flow control functions thiab program structure; input/output; structures/unions; thiab C Library, a varied thiab lwm yam kev pab.
Adopted curricular materials: Introduction to Computer Science C++, South Western

Computer Programming/C++ 12135

Department: Career Technical Education
Grade Level: 11-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob no qhia cov tub ntxhais hluas txog C/C++ programming. Lawv yuav tau tsim thiab xaiv txoj kev suab lej (algorithms) and data structures los daws teeb meem; siv programming Language C++ los ntis npe; nyeem thaib nkag siab txog ib qho teeb meem loj thiab ib yam uas piav txog kev tsim tus qauv duab thiab txoj hauv kev los tsim ncaj nraim rau lub program; cim cov hardware loj thiab coj software me ntawm lub computer system, lawv kev txheeb ze, thiab lub luag haujlwm ntawm cov software nyob rau lub system; paub txog kev ua raws cai thiab kev raug zoo uas cuam tshuam tau kev siv computer. Yuav tham txog C Library, ib yam kev pab uas muaj ntau hom thiab muaj qab hau.
Cov hoob yuav tsum tau kawm uantej:tau tus C lossis zoo dua nyob rau ib hoob kawm li no: Intro to Computer Science A, Computer Science Principles, lossis AP Computer Science Principles
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv qhia

Computer Science A, Introduction to 12112

Department: Career Technical Education
Grade Level: 10-11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Kev uas nqis tes ua num no yuav pab cov tub ntxhais hluas npaj rau cov haujlwm Computer Science. Lawv yuav kawm txog cov khoom tuaj nrog lub computer, daws teeb meem uas tshwm sim, thiab kho cov khoom siv. Lwm yam yuav kawm yog tshawb xyuas computers, kho kom zoo zog tuaj, thiab dhos/txuas network configuration.
Qhov uas yuav tsum tau kawm uantej: Web Development
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Computer Science B, Introduction to 12114

Department: Career Technical Education
Grade Level: 10-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

Hoob no tsim los txhawb hoob computer science uas muaj cev tes ua num ib xyoo ntxiv. Cov tub ntxhais hluas yuav tau pab saibxyuas haujlwm ntawm cov networks, kev kho khoom uas piam, kawm txog tej khoom muaj nyob rau lub computer, nrog rau kev txawj txuas/tauj cov networks. Thaum kawm hoob no tiav, tus tub/ntxhais yuav txais tau ib daim A+ certification.
Hoob kawm ua ntej mam kawm tauhoob no: Kawm tau tus qhab nee C los yog zoo dua hauv hoob Introduction to Computer Science A
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Computer Science Principles 12115

Department: Career Technical Education
Grade Level: 10-11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob CTE Concentrator no yog qhia rau cov kawm kom paub dav txog computer science thiab computing los ntawm kev uas qhia cov tub ntxhais txog cov qauv tseemceeb nyob rau hauv computer science los ntawm kev ua cia lawv xav thiab xyaum thiab kawm txog tias computing no hloov tau lub ntiajteb no licas. Lub homphiaj ntawm hoob kawm no yog qhia kom cov tub ntxhais muaj kev totaub paub zoo txog cov qauv thiab tej ua siv ntawd sub cov tub ntxhais thiab paub siv lawv tej kev xav txog tej uas tau kawm. Cov tub ntxhais yuav tsum tau kawm rau tej yam nyuaj thiab siab sub lawv thiab yuav paub txog tej kev siv rau technology nyob lub ntiajteb uas niaj hnub nimno tibneeg siv heev.
Qhov uas yuav tsum tau kawm uantej: Exploring Computer Science
Hoob yuav tau kawm uantej: Tsi Muaj: Mathematics II
Cov ntaub ntawv uas siv: Code.org

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Computer Tech Service & Repair A — 12146

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog muaj los npaj cov menyuam kawm ntawv rau ntau yam haujlwm uas yog theem pib hauv computer technology. Cov menyuam kawm ntawv uas kawm tas yuav pab los tsim, kho, upgrade thiab install computers. Daws teebmeem (troubleshooting), thiab txuas network installation techniques. Nws yuav yog ib yam zoo rau cov menyuam kawm ntawv uas xav mus kawm college thiab/lossis tsev kawm haujlwm. Cov menyuam kawm ntawv yuav paub txog tej uas siv tau rau IBM PC thiab Macintosh platforms.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Computer Tech Service & Repair B — 12147

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog muaj los npaj cov menyuam kawm ntawv rau ntau yam haujlwm uas yog theem pib hauv computer technology. Cov menyuam kawm ntawv uas kawm tas yuav pab los tsim, kho, upgrade thiab install computers. Daws teebmeem (troubleshooting), thiab txuas network installation techniques. Nws yuav yog ib yam zoo rau cov menyuam kawm ntawv uas xav mus kawm college thiab/lossis tsev kawm haujlwm. Cov menyuam kawm ntawv yuav paub txog tej uas siv tau rau IBM PC thiab Macintosh platforms.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Computer Technology — 12111

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Computer Technology | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog kawm txog computer technologies thiab siv los pab kom muaj kev kawm nceqib. Cov menyuam kawm ntawv yuav los kawm txog kev siv daim keyboard, kev sau ntawv, cov kev siv computer, spreadsheets, database, kev siv technologies los nrhiav ntaub ntawv hauv library, thiab kev tuaj deb nrog lwm tus sib txuas lus. Cov menyuam kawm ntawv yuav siv tej uas lawv kawm tau hauv hoob no los ua lawv cov ntawv (assignments) hauv lwm hoob uas kawv kawm rau xyoo ntawd, uas siv computer mus nrhiav kev qhia, npaj lawv cov ntawv, daws teebmeem, thiab ceev kev qhia.
Cov ntaub ntawv uas siv: Century 21 Computer Applications & Keyboarding, South Western

Computers, Intermediate — 12131

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no muab sijhawm ntxiv rau cov menyuam kawm ntawv los xyaum siv computer. Cov menyuam kawm ntawv yuav kawm txog kev sau program, kev siv kev sau ntawv qibsiab, kev luam ntawv (publishing) uas suav multimedia thiab lwm yam.
Yam yuavtsum tau kawm uantej: Computer Technology thiab tau qhab-nees C lossis siab dua
Cov ntaub ntawv uas siv: Microcomputer Applications for Business, South Western

Computing with Robotics — 12120

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob kawm no pib qhia cov tub ntxhais kom paub txog cov qauv tseemceeb thiab tej tswvyim rau kev siv robots. Cov tub ntxhais yuav kawm kom paub tswj ib tus robot lossis ntau tus los ntawm gtraphical user interface, pose teaching, thiab computer program rau C/C++. Hoob kawm no yuav nqis tes ua ntau yam tsig txog robots uas yuav siv lej, cov qauv, thiab computer programming thiab algorithm los mus pab daws teebmeem yog muaj rau lej thiab science. Los ntawm kev uas nqis tes ua tej project no, cov tub ntxhais yuav muaj txoj kev xav tob, paub daws teebmeem, muaj kev sis txuas lus zoo, thiab paub sis pab nyob rau tej team. Robots yog siv los txhawb kom cov tub ntxhais xav kawm rau science, technology, thiab lej.
Qhov uas yuav tsum tau kawm uante(s): Exploring Computer Science
Cov ntaub ntawv siv los qhia: C-STEM Studio / Soft Integration, c-stem/ucdavis.edu; Code HS

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Construction Technology — 12314

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Nyob rau hoob kawm no, cov tub ntxhais yuav kawm ntawv nrog rau kev kawm technical uas yuav saib txog kev kawm txog tej yam haujlwm, tshawb nrhiav txog haujlwm, thiab kawm kom paub tej txujci rau kev tsim kho tej vajtsev (building) thiab saib txog tej lagluam uas tsim vajtse. Technical preparation yog kawm kom paub txuas ntoo, paub siv tej khoom siv los ntsuas, kom paub siv tej ciaj thiab tej power tools, kom txawm nyeem blueprints, basic building system, contruction projects, thiab kom paub txog kev cobphum thiab kev pab thaum raug mob.

Culinary Arts I — 12427

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog tsim los qhia cov tub ntxhais uas xav kawm thiab nrhiav cov haujlwm ua zaub ua mov. Cov tub ntxhais yuav kawm kom paub vibthis npaj zaub mov, kom paub ntsuas khoom, thiab kom paub xyuam xim thiab paub tu huvsi. Cov tub ntxhais yuav tau nqis tes ua haujlwm siv cov kua stocks, cov kua tseem (Mother sauces), yuav kawm cov txujci rau kev ua noj, thiab kev siv riam. Yuav muaj ib units tshwjxeeb qhia txog kev saib xyuas kev ua liaj ua teb, "green" cooking, kev tis npe rau tej zaub mov, kev npaj yuav ua zaub mov licas thiab kev rau mov noj kom zoo nkauj, James Beard Food Waste modules, and ServSafe. Cov tub ntxhais yuav kawm txog ntau yam khoom noj haus thiab cov txujci rau kev ua noj. Hoob no yog thawj hoob kawm rau kev ua noj rau lub Culinary Arts Career Pathway.
Cov ntaub ntawv siv los qhia: The Culinary Professional, Third Edition, The Goodheart-Willcox Company, Inc.

Culinary Arts II — 12428

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog tsim los rau cov tub ntxhais uas tseem xav kawm txuas ntxiv rau kev uas zaub mov noj hauv Culinary Arts Career Pathway uas xav kawm tej yam tshiab ntxiv thiab kom paub tej txujci ntxiv rau kev siv ntawm nws tus kheej lossis muaj lub homphiaj xav kawm mus ua yam haujlwm ua zaub mov noj. Cov tub ntxhais yuav tsim ib qhov portfolio lub sijhawm uas lawv kawm tej txujci tshiab txog kev siv tej txuj lom thiab tej spices, kev ua cov kuas ntsws, vibthis ua zaub mov tsi hais (ci nqaij, hau zaub ntawm qhov cub, ci qaib kom siav dawb vog mam muab coj mus kib lossis hau ua lwm yam zaub, etc.), yuav siv ntau yam khoom siv (equipment) los ua zaub mov noj, zaub mov/ thiab kev uas muab tso kom zoo nkauj rau ntawm lub tais, thiab James Beard Food Waste modules. Cov tub ntxhais yuav tshawb nrhiav txog ntau yam zaub mov tshwjxeeb thiab cov zaub mov uas tawm tshiab uas tibneeg nyiam noj tamsim no. Cov tub ntxhais yuav kawm kom paub npaj zaub mov rau tej lub koom txoos tshwvxeeb. Cov haujlwm ua zaub mov no yuav raug tshuaj xyuam los ntawm cov qhua uas raug caw tuaj hais lus/ lossis mus field trips.
Hoob yuav tsum tau kawm uantej: Kawm kom tiav hoob Culinary Arts I thiab tau tus qhabnees C lossis zoo dua
Cov ntaub ntawv uas siv: Professional Cooking, Eighth Edition, John Wiley & Sons, Inc.

Culinary Arts III — 12429

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm kawg rau kev ua zaub mov noj no, yuav nqus tau cov tub kom paub ua haujlwm rau tej lagluam uas yog cov tub txhais ua cov coj nrog rau kev sis koomtes rau tej cov lagluam. Cov tub ntxhais yuav nqis tes ua haujlwm nyob rau hauv lub tsev kawm ntawv chav ua zaub mov noj (café)/lub khwv noj mov lossis lwm lub chaw ua zaub mov nrog rau tej chaw ua zaub mov muag uas ua tuaj rau tej lub koom txoos.
Hoob kawm uas yuav tsum tau kawm uantej: Culinary Arts I and Culinary Arts II
Cov ntaub ntawv uas siv: The Culinary Professional, Third Edition; The Goodheart-Willcox Company, Inc.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Culinary Arts, Introduction to — 12425

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsim rau cov tub ntxhais hluas uas nyiam tej yam txuj ci tshiab ntawm kev ua zaub mov pab nws tus kheej los yog muaj lub homphiaj yuav mus ua haujlwm ua zaub mov. Lawv yuav kawm qho yooj yim ntawm kev npaj khoom noj, ntsuas khoom, thiab kev hloov nrog rau kev xyuam xim thiab tu huv si. Cov tub ntxhais yuav tau nqes tes ua haujlwm sim stocks, leej niam cov kua tov khoom, txuj ci ua noj thiab kev siv riam. Yam tseem ceeb qhia txog yog kev saibxyuas kev ua liaj ua teb, "green" cooking, kev ntis npe rau tej zaub mov, kev npaj ib pluag hmo thiab kev rau mov noj. Cov tub ntxhais hluas yuav kawm txog ntau yam khoom noj haus thiab cov txuj ci siv rau kev ua noj. Hoob no yog thawj hoob kawm txog kev ua noj nyob rau lub Culinary Arts Career Pathway.
Cov ntaub ntawvuas siv: Culinary Essentials, Glencoe McGraw-Hill

Database Design and SQL Programming — 12119

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog tsim los npaj cov tub ntxhais uas xav kawm CTE
(ib hoob kawm npaj rau kev mus college). Cov tub ntxhais yuav kawm txog database design thiab Structured Query Language (SQL). Cov tub ntxhais yuav nqis tes kawm thiab tsim kom muaj tej txujci rau Database Design, SQL, thiab/or PL/SQL nrog rau tej txujci kawm txog txoj haujlwm xws li kev daws teebmeem, kev sis koomtes ua haujlwm, thiab kom muaj txojkev xav toj. Cov kev txawj ntse thiab tej txujci uas cov tub ntxhais kawm yuav pab kom lawv kawm tau ntawv zoo nyob rau hauv computer science lossis nkag tau mus rau hauv cov haujlwm lagluam.
Qhov yuav tsum tau kawm uantej: Exploring Computer Science and Computer Science Principles
Cov ntaub ntawv siv los kawm: Oracle Academy

Design and Manufacturing — 12330

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no hais ntau txog kev ntsig txog tej yam zoo nkauj (aesthetics), kev muaj tswvyim tsim ua (creativity), kev teeb kom zoo nkauj (design), kev tsim tus qauv (drafting), thiab kev ua khoom muag (project manufacturing). Cov tub ntxhais hluas yuav tau xyuam xim thaum siv twj hlau los yog cov tshuab loj los tsim ua nws cov khoom. Yuav muaj ua individualized projects (nyias ua nyias) nrog rau lwm yam ntaub ntawv qhia txog tus keeb kwm ntawm kev tsim tus design thiab kev ua khoom muag. Yuav muaj tw xeem raws li sijhawm thiab kev koom tes los ntawm cov tub/ntxhais thaum ua projects nrog rau lwm yam assignments. Thawj 5 hnub hauv hoob, tus tub/ntxhais yuav tsum xeem kom dhau daim tw xeem hais txog kev xyuam xim, nws thiaj kawm tau ntxiv mus. Tsis pub txais tub/ntxhais ntxiv rau hauv hoob tom qab hnub qhia ntawv thij 5.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Design Implementation — 12320

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav kawm ntau txog kev tsim kom zoo nkauj thiab siv tswvyim, tsim tus qauv, kos qauv, ua raws li tau npaj lawm. Yuav siv ntoo, hlau, thiab av los txua thiab puab tej yam. Yuav muaj tej yam uas luag muab rau ua thiab xav tau ntawm tuskheej los ua nrog rau kev tsim tej yam raws li tej tus qauv uas luag muaj. Yuav muaj kev xeem ua ntu zus thiab cov menyuam kawm ntawv yuav tau koomtes ua cov projects thiab lwm yam. Txoj kev nrog tsomxam tias tsim tau puas zoo nkauj yuav yog ib feem hauv txoj kev kawm. Cov credits hauv hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob uas tuamyeem kawm rau kev nkag mus rau UC thiab CSU thiab fine arts hauv CSU.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Digital Art and Graphic Design II — 12144

Department: Career Technical Education
Grade Level: 10-11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob kawm no yog tsim los kawm txuas ntxiv cov txujci uas twb kawm tas lawm nyob rau hauv Computers thiab Graphic Desgin thiab nyob rau hoob Digital Art. Cov tub ntxhais yuav kawm tej txujci tshiab nyob rau hauv Adobe's Creative Suite (Photoshop, Illustrator, thiab InDesign). Cov txujci kawm no yuav siv mus rau nws tus kheej lossis lub zejzos tej projects. Cov tub ntxhais yuav muaj sijhawm los mus ua haujlwm nrog rau cov tibneeg thiab tshawb nrhiav txog cov haujlwm nyob rau seem no. Yuav kawm kom muaj txojkev xav txog kev tsim ub no uas tseemceeb rau kev uas saib thiab paub daws teebmeem thiab paub siv tej txujci no mus rau kev ua lag ua luam. Yuav tsum tau coj tus cwjpwm zoo yog ib qhov uas yuav tsum tau muaj. Kev uas yuav tsim tej yam, cov lus siv nyob rau hauv, tej keebkwm, thiab lub hlwb txojkev xav txog tej yam uas zoo nkauj.
Cov ntaub ntawv siv los qhia: Tsi muaj cov phau ntawv assign rau hoob no

Digital Art/Graphic Design Production — 12143

Department: Career Technical Education
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f)
NCAA: No

Hoob no pub cov tub ntxhais hluas kawm thiab xyaum txog ob peb yam haujlwm txuas nrog kev tsim duab hauv computer (contemporary graphic production) thiab kev kos duab (illustration), yam tseem ceeb yog siv lub computer los tsim tej duab thiab graphics. Hoob no npaj rau cov tub ntxhais uas paub ua nws li num thiab ua kom tiav. Lawv yuav kawm txog cov software, hardware, thiab graphic technologies siv niaj hnub no, tsis tas li ntawd, kawm txog cov haujlwm muaj nyob rau graphic arts. Yuav muaj qhia txog kev siv thiab taws lub computer nrog rau kev cai tswj thiab tsim art. Txuas ntxiv, yuav tau kawm tej keeb kwm ntawm art, kev pom zoo txhawb nqa art, kev tawm tsam art, thiab kev txiav txim rau art tib sis. Muaj kev pom zoo loj heev rau cov tub ntxhais hluas kawm kom tiav hoob Art I thiab Computer Technology ua ntej. Hoob no ua tau raws li kev cai pom zoo lav ntawv, kev cai technology requirement, thiab rau UC/CSU Visual thiab Performing Arts requirements.
Cov ntaub ntawv uas siv: Communication through Graphic Design, Davis Publications

Digital Media Arts I — 12157

Department: Career Technical Education
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f)
NCAA: No

Hoob no qhia cov tub ntxhais txog ntau yam digital media thiab tej art uas txhawb rau. Hoob no kawm txog kev ua digital media los ntawm video thiab audio rau tej yam kev kos dua thiab tej suab.
Hoob kawm no ncav cuag district qhov Fine Arts rau kev kawm ntawv tiav. Qhib rau txhua tus menyuam hauv EGUSD
Cov ntaub ntawv uas siv: Tsi muaj muab rau lawv

Digital Media Arts II — 12158

Department: Career Technical Education
Grade Level: 10-11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Visual/Performing Arts
UC/CSU: Elective: Other (g)
NCAA: No

Hoob no yog tsim los npaj cov tub ntxhais kom paub siv cov khoom (tools) rau tiam 21, nrog rau tej tswvyim uas tsim, kom txawj kaw tej suab, thaij tau xenemas thiab thaij tau duab kom zoo heev. Digital Media Arts II yog kawm tshwjxeeb rau ntiajteb kev tsim rau (digital media production) uas yog kaw suab, thaij duab, thiab thaij video kaw suab nrog rau cov duab taslauv. Hoob kawm siab no yuav kawm txog cov kev tsim ntau yam rau kev thaij duab, kev kaw suab thiab lwm cov duab uas txhawb rau thiab kom muaj sijhawm rau cov uas xav kawm kom muaj kev kawm nce qib thiab kom muaj kev kawm ntau ntxiv txog thiab npaj tau rau lawm mus kawm college thiab kev ua haujlwm. Qhib rau txhua tus menyuam hauv EGUSD.
Qhov yuav tsum tau kawm uantej: Digital Media Arts I lossis Animation I
Cov ntaub ntawv uas siv: Television Production Handbook, Tenth Edition, Wadsworth Cengage Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Digital Photography II — 12166

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm rau Art, Media, thiab Entertainment no siv cov kev uas kawm ntawm Introductory thiab Intermediate Visual/Commercial Art nyob rau hauv ib qhov project-based environment. Hoob kawm no yuav yog saib rau 2-D products thiab lawv qhov application rau tej yam haujlwm rau arts thiab commercial enviroments. Tej txujci thiab kev txawj ntse yuav qhia tau txog ob qhov tibsi tsi hais kev kawm thiab nyob rau ntawm qhov chaw ua haujlwm. Kev qhia yuav yog muab tej uas cov tub ntxhais kawm txog digital photography, art, coj los tsim tej yam zoo nkauj. Cov tub ntxhais yuav tsim ib cov khoom uas qhia tau txog cov haujlwm nyob rau entry- level tej txujci thiab kev txawj ntse tasnrho ntawm tej arts, media thiab entertainment.
Qhov yuav tau kawm uantej: Photography I or Digital Art/Graphic Design Production
Cov ntaub ntawv siv los kawm: Tsi siv ntaub ntawv dabtsi

Drafting I A/B — 12101

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia tej yam yooj yim ntawm cov twj hlau siv los tsim tus qauv, tswv yim ua ib yam dabtsi kom tshwm sim, thiab kev kwv yees. Yuav kawm txog tus qauv blueprint, tsim/kos tus qauv, thiab siv tshuab machine los kos/teeb duab. Yuav tau sau ntawv thiab kos/teeb duab raws li kev xaj. Vim muaj kev cog lus (Articulation agreement) pub txais college credit rau hoob no, yuav pub muaj Advanced Placement agreement rau cov tub/ntxhais hluas uas kawm dhau ob hoob no thiab txais tus qhab nee "B" los yog siab dua.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Drafting IA thiaj kawm tau hoob Drafting IB
Cov ntaub ntawv uas siv: Mechanical Drawing, Glencoe

Economics in Agriculture — 12215

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: Other (g) | **NCAA: Yes**

Hoob agri-business no yog tsim los qhia kom cov menyuam kawm ntawv paub cov qauv txog txhua yam kev lagluam (basic principles of all economic systems) thiab hais tau txog tej tus menyuam kawm ntawv txoj kev txiavtxim siab thiab kev lagluam thoob qabntuj (world economy) txog tsiaj txhu thiab qoob loo. Lwm yam uas yuav los kawm txog yog a) kev ua lagluam ywjpheej (free enterprise business types); b) Tseemfwv thiab txoj cai txog kev lagluam (government and law in the economy); c) credit thiab; d) se. Cov menyuam kawm ntawv yuav tau los xyaum ua ib tus tswv lagluam lossis tsis yog tswv lagluam uas hais txog ib yam kev yug tsiaj lossis cog qoob loo. Hoob no yog ib hoob ntawm ntau hoob uas npaj cov menyuam kawm ntawv mus kawm college thiab yuav kawm nkag mus rau ntau yam uas hais txog kev yug tsiaj txhu thiab cog qoob loo. Cov menyuam kawm ntawv yuav muaj sijhawm mus kawm txog FFA, mus xyaum ua, xyaum kev Cog Qoob Loo (Agriculture Business). Hoob no suav tau ua ib hoob Economics hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob tuamyeem kawm rau kev nkag mus rau UC thiab CSU.
Cov ntaub ntawv uas siv: Impact California Social Studies: Principles of Economics, Copyright 2019, McGraw-Hill Education

EKG Technician — 12655

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 15.0** | **Max Credits: 15.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los cob qhia cov tub ntxhais hluas txog kev tauj thiab siv ib lub 12-lead EKG thiab paub txuas lub Holter monitor. Yuav qhia txog txhua yam ntawm lub plawv thiab nws kev ua haujlwm li cas, thiab kawm cov npe ntis. Yuav tsum paub txhais los yog twm lub EKG, seb lub plawv dhia ceev npaum li cas, lub suab nrov sib luag zos mus li cas, thiab paub ntsuas seb lub suab plawv nrov zoo los yog tsis zoo. Yuav muaj cob qhia cov tub ntxhais hais txog tej yam txawv txav nyob rau hauv lub EKG, tej yam uas thaiv tau lub plawv, kev loj hlob/muaj zog, kev tuag/lub zog ntaug mus zuj zus, thiab paub tej num thaum muaj haujlwm ceev. Kev nqes tes los xyaum txoj haujlwm tseem ceeb heev. Muaj nyeem ntawv/sau ntawv thiab kev ua lej thoob lub sijhawm kawm no. Qhib rau txhua tus menyuam hauv EGUSD.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Empowering Entrepreneurs I — 12510

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los txhawb kom paub tswj tej kev ua lagluam uas muaj kawm nyob high school rau cov tub ntxhais los ntawm kev tshawb nrhiav kawm tob ntxiv txog tes haujlwm no. Thaum uas kawm tiav hoob no, cov tub ntxhais yuav paub zoo heev thiab siv tau cov qauv tsig txog tibneeg tej cwjpwm rau(kev sis koom tes, kev sis txuas lus, tej tswvyim rau kev tsim ub no, thiab muaj txojkev xav uas tob) uas yog ib qhov uas tseemceeb heev rau kev tswj lub lagluam rau tiam 21 nyob lub ntiajteb no.
Qhov uas yuav tsum tau kawm uantej (s): Yuav tsum kawm kom tiav hoob General Business
Cov ntau ntawv siv los qhia: Entrepreneurship, Ideas in Action, Cengage Learning

Empowering Entrepreneurs II — 12511

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm siab no yog tsim los qhia kom cov tub ntxhais kom haj yam totaub tob dua txog kev tswj kev lag luam uas twb tau qhia nyob rau hauv Empowering Entrepreneurs I. Cov tub ntxhais yuav muaj cov kev kawm kev paub txog kev tswj kev ua lagluam no los mus dhiav cov huajlwm thiab kom yuav paub ua kom lub lagluam nthuav dav. Cov tub ntxhais yuav siv tej tswvyim uas lawv kawm tau los ua tej project uas muaj kev npaj tsim lagluam thiab yuav los sis tw rau cov nyiaj chiv pib ua lagluam.
Qhov uas yuav tsum tau kawm uantej (s): Yuav tsum kawm kom tiav hoob Empowering Entrepreneurs I
Cov ntau ntawv siv los qhia: Entrepreneurship, Ideas in Action, Cengage Learning

Engineering A — 12340

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsim rau cov tub/ntxhais hluas uas xav koom tes xyaum tej haujlwm muaj nyob rau chaw tsim tus qauv ua tshuab, ua vaj tse, ua kev, nrog rau lwm yam (engineering fields). Lub sijhawm no, nws thiaj paub txog kev kawm ntawv qeb siab los ua ib tug engineer, cov txuj ci los yog kev txawj uas yuav tsum muaj, nrog rau lub luag haujlwm thiab tej num uas cov kws engineers yuav tau saibxyuas. Txuas ntxiv, cov tub/ntxhais hluas yuav tau ua tej projects uas tsis yooj yim thiab lom zem, los pab nws kawm txog Newton's Laws of Motion (txoj kev cai ua zog), lub hauv paus ntawm engineering. Lwm yam projects txuas rau kev daws teeb meem muaj xws li kho tshuab hlau (mechanical engineering), yam uas siv hluav taws xob (electronic engineering), yam tsa/teeb (structural engineering), nrog rau hluav taws xob (electrical engineering). Cov tub/ntxhais hluas yuav tsum xav txog txoj kev tsim tus qauv, pib lub hauv paus mus rau lub ntsis, thaum nws pib tsim tus qauv, kho/pauv, ua kom tau tus qauv, thiab thaum sim tus qauv saib nws puas tau zoo txaus raws li tus qauv ntsuam.
Hoob kawm ua ntej mam kawm tau lwm hoob: CADD los yog muaj kev pom zoo los ntawm tus naikhu hauv Pleasant Grove High School. Kawm dhau hoob Exploring Technology los yog muaj kev pom zoo los ntawm naikhu hauv Monterey Trail High School.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Engineering B — 12341

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia ntau mes ntsis ntxiv rau hoob Engineering A. Cov tub ntxhais hluas yuav soj ntsuam txhua yam kev qhuab qhia ntawm engineering thiab cov kev cai tswj engineering uas pab daws teeb meem. Ib yam tseem ceeb yog qhia cov txuj ci ntawm hoob AutoCADD 2D thiab 3D functions vim yuav siv los pab pom thiab sau cov qauv engineering thiab architectural designs. Assignments muaj cov uas yooj yim mus rau cov nyuaj thiab txuas nrog cov lagluam tus qauv ntsuas (standards) tej general graphics, cov duab design thiab cov technical duab tau tsim. Yuav tau tham txog lub tswv yim ntawm traditional technical drawing, tsis tas li ntawd, cov assignments yuav muaj nyeem thiab txhais ob peb hom technical working drawings. Tus tub ntxhais hluas yuav tsum tshawb nrhiav sau ib qhov research paper thiab sau lwm yam written assignments uas txheeb kev soj ntsuam tej teeb meem nyob rau hauv engineering/architectural design.
Hoob yuav tsum tau kawm ua ntej: Mathematics I los yog ib hoob qhia lej siab dua thiab kawm Engineering A kom tau tus qhab neeg C los yog siab dua, los yog muaj kev pom zoo los ntawm tus naikhu
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Engineering C I — 12342

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia cov tub ntxhais hluas txog projects uas nyuaj me ntsis thiab cov teeb meem uas feem ntau tshwm sim rau kev tsim tus qauv ua vaj ua tsev (architecture) thiab tej yam tus kws design engineering yuav tsum tau ua li raws (geotechnical, civil, structural, mechanical HVAC, electrical). Cov tub ntxhais yuav siv intermediate mus txog advanced Auto CADD siv rau 2D thiab 3D los tshawb nrhiav sau txog cov design qhia kev daws cov design teeb meem (design solutions) thiab qhia siv cov design duab no rau lawv daim sau. Yuav qhia txog tus qauv los ntsuas cov projects xws li kev tawm tswvyim saibxyuas kom mus zoo qho qub (quality control), laj lim tswvyim thiab khoom siv kho tsev (methods and materials of building construction), peej xeem kev cai kho tsev (building codes), thiab kev txuag hluav taws xob (energy effiency). Tsis tas li ntawd, hoob no yuav qhia kev koom tes nrog ib pab tus ntxhais kawm ntawv thaum kawm advanced concepts nrog CADD los siv sau qho project. Cov tus ntxhais yuav sau ib daim ntawv nrog txhua qho project thiab sau ib daim ntawv tshawb fawb hais txog tej yam tau tham los no.
Hoob yuav tsum tau kawm ua ntej: Mathematics II los yog siab dua ntawm cov hoob ua lej thiab kawm Engineering B kom tau tus qhab nee C los siab dua los yog muaj kev pom zoo los ntawm tus naiku
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Engineering C II — 12343

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia cov tub ntxhais hluas txog projects uas nyuaj me ntsis thiab cov teeb meem uas feem ntau tshwm sim rau kev kawm engineering nyob rau manufacturing, electrical/electronics/compter, engineering, traditional mechanical engineering, thiab robotics. Cov tub ntxhais yuav siv intermediate mus txog advanced Auto CADD siv rau 2D thiab 3D los tshawb nrhiav sau txog cov design qhia kev daws cov design teeb meem (design solutions) thiab qhia siv cov design duab no rau lawv daim sau. Yuav qhia txog tus qauv los ntsuas cov projects xws li kev tawm tswvyim saibxyuas kom mus zoo qho qub (quality control), laj lim tswvyim thiab khoom siv kho tsev (methods and materials of building construction), peej xeem kev cai kho tsev (building codes), thiab kev txuag hluav taws xob (energy effiency). Tsis tas li ntawd, hoob no yuav qhia kev koom tes nrog ib pab tus ntxhais kawm ntawv thaum kawm advanced concepts nrog CADD los siv sau qho project. Cov tus ntxhais yuav sau ib daim ntawv nrog txhua qho project thiab sau ib daim ntawv tshawb fawb hais txog tej yam tau tham los no.
Hoob yuav tsum tau kawm ua ntej: Mathematics II los yog siab dua ntawm cov hoob ua lej thiab kawm Engineering B kom tau tus qhab nee C los siab dua los yog muaj kev pom zoo los ntawm tus naiku
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Engineering Design A — 12346

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog ib hoob kawm ib xyoos uas yuav los kawm txog cov qauv kev tsim faj tsev uas yuav siv ntau yam computer applications. Cov menyuam kawm ntawv yuav siv cov computer hardware thiab software uas muaj tamsim no los kawm txog cov kab (lines), xim (colors), qhov siab, qhov dav thiab tob, tej txheej thiab tej thooj (blocks). Cov projects yog tsim thiab kos cov vaj tsev, duab thiab khoom siv uas pom ua 2D. Yuav muaj kev qhia txog kev kos duab vaj tsev. Hoob no yog mus raws li cov hoob Career Technical Education Engineering thiab Design Industry Sector thiab txhawb cov qauv kev kawm lej, English, thiab history/social science.
Cov hoob yuav tsum tau kawm uantej: Mathematics I thiab ib hoob li no: CADD, Drafting I A/B, lossis Engineering Technology
Cov ntaub ntawv uas siv: Applying Auto CAD 2009, Glencoe/McGraw-Hill

Engineering Design and Development Honors (PLTW) 12363

Department: Career Technical Education
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Science Recommended (d) **NCAA: No**

Hoob kawm kawg no txhawb kom cov tub ntxhais siv lawv tej txujci uas lawv kawm thiab tej kev txawj ntse uas kawm tau ua ntu zus nyob rau hauv Project Lead the Way (PLTW). Cov tub ntxhais yuav los saib txog ib qhov teebmeem uas muaj thiab qhia rau ib cov engineering professional uas nyob rau hauv panel seb lawv yuav daws li cas. Hoob no yog ib hoob uas siv science, lej thiab technology rau ntau yam kev kawm rau engineering. Cov tub ntxhais yuav teev ib qhov kev tsim ub no kom raws li tej qauv rau lub lagluam thiab npaj ib qhov kev kawm lossis kev ua haujlwm tomqab kawm ntawv tiav. Cov kawm nyob qib honors yuav tsum tau ua ib qhov project thiab los qhia txog qhov ntawd. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Cov ntaub ntawv uas tau txais yuav los kawm: Project Lead the Way, https://www.pltw.org/

Engineering Design B 12347

Department: Career Technical Education
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob no tsim los qhia qho nyuaj/siab heev ntawm tej cai tswj kev tsim tus qauv duab ua tshuab, ua kev, ua choj nrog rau lwm yam ntau heev (engineering design), nyob rau cov duab three dimensional mechanical thiab cov ua vaj ua tsev. Cov tub ntxhais hluas yuav tau rov qab saib tej yam yooj yim ntawm kev siv computer tsim tus qauv duab thiab kev kwv yees, ces lawv mam los tsim kom tau ib daim duab uas nyuaj tsim heev li. Yuav tau siv cov AutoCAD software, nrog rau Revit thiab Inventer applications, los tsim kom tau ib qho 2D, 3D, parametric models, thiab simulations. Projects muaj xws li kev tsim/kos ob peb qho 3D mechanical drawings thiab teeb kom tau ib lub tsev loj li 1,200 square foot. Yuav muaj tham txog cov haujlwm nyob rau engineering thiab yuav qhia txog USGBC LEED (Leadership in Energy and Environmental Design) txoj cai, kev tshawb nrhiav, kev tsim ib tug qauv los ua vaj ua tsev. Hoob no ua tau raws li Career Technical Education Engineering thiab Design industry Sector, tsis tas li ntawd, nws txhawb nqa cov standards ua lej, sau ntawv/nyeem ntawv, kawm txog txhua yam nyob rau lub ntiaj tej, thiab kawm txog keeb kwm. Cov seniors uas cuv npe rau hoob Engineering Design B no muaj feem thov pauv qho credit mus rau ib qho math credit. Hoob kawm ua ntej mam kawm tau lwm hoob: Mathematics I (or Algebra 1) thiab Engineering Design A. Yuav tsum kawm hoob Mathematics II los yog ib hoob ua lej siab dua.
Cov ntaub ntawv uas siv: Applying Auto CAD 2009, Glencoe/McGraw-Hill

Engineering Technology 12355

Department: Career Technical Education
Grade Level: 10 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

Hoob no yog tsim los qhia rau cov xav kawm txog cov haujlwm engineering thiab tej kev kawm kev nqis tes ua ntau yam uas muaj rau technologies. Cov qauv kawm rau Scientific, kev kawm lej, thiab tej txujci qhia kom paub sis txuas lus no yog qhia los ntawm kev ua ntau yam activity. Robotics, electronics, hydraulics, pneumatics, thiab tej kev kawm txog kev siv computer design technologies no, txhua tus tub ntxhais yuav tau los ntshawb nrhiav thiab kawm txog. Cov tub ntxhais yuav muab ntau yam txujci uas lawv tau kawm coj los siv ua lawv qhov project thaum kawg tsi hais txhua kauj ruam uas lawv siv los tsim tibsi.
Cov ntaub ntawv siv los kawm: Foundations of Engineering & Technology, 7th Edition, Copyright 2019, The Goodheart-Wilcox Company, Inc.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Entertainment Art and Design — 12141

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no muaj koom tes ua num, sibtham, caw cov qhua tseem ceeb tuaj tham, thiab ua projects txuas rau kev lig kev cai uas pib hloov zuj zus thiab cov technology ntawm lub computer thiab kev tsim ua video game design. Yuav tham txog: xovxwm lom zem entertainmen media, computing technology, ntau yam nyob rau gaming technology, keeb kwm ntawm kev ua lag luam, laj lim tswv yim sau ntawv, tsim tus qauv video game design, kev tshaj tawm, kev nthuav muag khoom, kev sim saib puas ua haujlwm, thiab kev ua ib pab sib tw; yuav siv tej games xws li Chess mus rau Spacewar; lub luag haujlwm ntawm kev tshawb nrhiav kev txawj ntse; keeb kwm ntawm computer graphics thiab suab technology; kev loj hlob ntawm tej txuj ci thiab hom computer game design; kev ua lag luam sib tw; kev loj hlob ntawm games thiab microcomputer; networked gaming; khoom siv gadgets thiab games nyob rau kev tsim software thiab hardware; lub neej hauv computer virtual worlds; ua kom mus tau simulation; chaw ua lag luam tsim/muag video thiab computer game. Cov tub ntxhais hluas thaum kawm tiav, yuav to taub txog ntau hom haujlwm muaj nyob lub video game industry, nrog rau kev paub tsim tus qauv design, kev ua khoom muag, nthuav tawm, thiab kev cuam tshuam rau tej kev ua si thiab sib txuas lus. Qhib rau txhua tus menyuam hauv EGUSD.
Cov Ntaub Ntawv Yuav Siv: Tsi siv cov phau ntawv

Entrepreneurship I — 12505

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais kom pom thiab muaj kev txawj ntse txog kev uas tsim ib qhov lagluam rau lawv. Cov tub ntxhais yuav tshawb nrhiav txog cov tswvyim thiab seb yuav muab lub tswvyim tig licas thiaj li yuav vammeej rau kev pib lagluam lub sijhawm uas muaj neeg coob nyob ua pab ua pawg li no, technological, thiab saib rau tej chaw uas tibneeg nyob coob licas. Cov tub ntxhais yuav los npaj ib kauj ruam zuj zus rau kev yuav pib lagluam. Cov tub ntxhais yuav los sojntsuam txog kev npaj thiab kev tswj lagluam thiab seb yuav ua licas thiaj pib tau lub lagluam.
Tej yuav tsum tau kawm uantej: Tsi muaj
Cov ntau ntawv siv los kawm: Entrepreneurship: Ideas in Action, 6th Edition; South-Western Cengage Learning

Entrepreneurship II — 12506

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no, muaj kev sojntsuam txog tasnrho cov lagluam, tsi hais accounting, kawm kevcai lichoj, kev pab rau tibneeg, kev coj, kev qhauj txog lagluam, kev ua lagluam, thiab nyiaj txiag. Hoob kawm no yog rau cov tub ntxhais uas xav kawm mus rau sab ua lagluam.
Hoob yuav tsum tau kawm uantej: Entrepreneurship I
Cov ntaub ntawv siv los kawm: Virtual Business Entrepreneurship, digital resource, 2022, https://knowledgematters.com/highschool/entrepreneurship/

Entrepreneurship III — 12507

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yuav qhia txog ntau yam tseemceeb ntsig txog kev yuav pib thiab qhib ib lub lagluam me, kev tswj. Cov tub ntxhais yuav los saib thiab hloov tej yam rau lawv kev npaj ua lagluam, nrhiav nyiaj los ua, tsim ib cov homphiaj rau lawv tus kheej thiab lub lagluam, tsim kev qhauj, thiab totaub txog txojcai ua ib tus tswv rau ib lub lagluam me.
Hoob kawm uas yuav tsum tau kawm uantej: Entrepreneurship II
Cov ntaub ntawv siv los kawm: Virtual Business Entrepreneurship, digital resource, 2022, https://knowledgematters.com/highschool/entrepreneurship/

Entrepreneurship: Turning Risk Into Success — 12504

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yuav qhia cov tub ntxhais hluas kawm tig lub tswv yim coj mus ua qhov muaj tiag (action). Lawv yuav tsum koom tes hmloog cov lus qhia coj los tsim ib lub lag luam thiab kawm txog kev pib ua lagluam (intrepreneurship), kev saibxyuas lajluam (small business management), kev npaj ua lagluam (business planning), tus saib xyuas lagluam (project management), thiab kev hais lus sau ntawv rau lwm tus mloog (oral thiab written presenations skills). Tsis tas li ntawd, hoob no yuav muaj kev qhia thiab tawm tswv yim rau cov tub ntxhais hluas txog kev los ua ib tug tswv saibxyuas lagluam kom zoo. Ib nrab ntawm hoob no yuav siv rau cov tub ntxhais hluas npaj thiab xyaum khiav lawv tej lagluam business uas yuav tau koom nrog kev sib tw rau lub Students for the Advancement of Global Entrepreneurship (SAGE) thaum lub caij nplooj ntoos hlav. Thaum kawg, cov tub ntxhais hluas kawm ntawv yuav tuav ib txoj hauj lwm nyob rau nws lub lag luam thiab yuav raug soj ntsuam saib nws ua hauj lwm puas zoo (effectiveness) thiab cov dej num ntawm txoj haujlwm ntawd. Pub rov qab kawm hoob no kom tau credit ntxiv.
Hoob yuav tsum tau kawm ua ntej: Kawm tiav los sis tabtom kawm nrog hoob Computer Technology tau tus qhab nee C los siab dua.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Environmental Architecture — 12354

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no pib qhia cov tub ntxhais hluas txog kev tsim tus qauv puab vaj tse (architectural design thiab drafting) thiab yuav tham txog kev puas tsuaj rau tej roob hauv pes thiab tej chaw uas muaj tsiaj vim kev puab tsev. Yuav tham txog ntau yam ntawm kev tsim puab tsev, xws li txog tus qauv tsev, daim av, lub homphiaj, lub sijhawm ua haujlwm, kev txuas/taws fais fab, kev tso dej/kav dej, kev rub cov hoob, chaw siab/qes, kev puab thiab faib phab ntsa, kev kho phab ntsa thiab qab nthab, lub hauv paus tsev/tus cag thiab chaw rau taw, tus design qhov rooj thiab qhov rais, ntaiv, chaw cub, yuav tsum muaj cov qauv duab los tham/saib txog, muaj kev taws cua sov/cua txias, tus qauv passive solar design, ib thooj solar slab, ib lub climate control systems los saibxyuas huab cua, xeriscape landscaping thiab topography, tsis tas li ntawd, yuav tsum muaj cov khoom siv appliances nyob rau daim design process tib si. Hoob no npaj rau cov tub ntxhais hluas uas muaj siab yuav mus kawm tej haujlwm nyob rau architectural engineering.
Hoob yuav tsum tau kawm ua ntej: Computer Aided Design/Drafting (CADD)
Cov ntaub ntawv uas siv: Architecture and Residential Drawing and Design, Goodheart-Wilcox

Exploring Computer Science — 12137

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no qhia txog kev siv lub laj lim tswv yim los tsim ib yam dab tsi, kev koom tes ua, kev tswj kev cai, thiab daws teeb meem txuas nrog kev siv computer ntaus ntawv (computing). Nrog rau kev kawm no, cov tub ntxhais hluas yuav tau tsim thiab tham txog cov teeb meem ntaus ntawv uas muaj tiag tiag, thiab tham txog kev sib fim lwm tus thiab ua haujlwm kom ncaj ncees. Yuav muaj koom tes ua ob peb hom projects uas dav thiab tob heev, ua kom tau raws li tej yam tiag nyob rau kev ntaus computing.
Hoob yuav tsum tau kawm ua ntej: Computer Technology (Qhov no xav kom rau)
Cov ntaub ntawv uas siv: C-STEM Studio / Soft Integration, c-stem/ucdavis.edu; Code.org; Code HS

Exploring Technology 12350

Department: Career Technical Education
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

Hoob no yuav tshawb nrhiav txog cov Computer Aided Drawing/Computer Aided Machining/Computer Aided Control milling thiab lathe machinery, aerodynamics, digital TV/Video production, small engine assembly, transportation, plastics, pneumatics, electronics, biotechnology, research and design, robotics, nrog rau general hand tool usage thiab tseem muaj ntxiv. Hoob kawm MPTA nrog rau (PowerPoint) yuav pab tau cov tub ntxhais kom muaj sijhawm los mus sojntsuam txog ntau yam technologies thiab tej haujlwm uas zoo li ntawd. Cov tub ntxhais uas tau txais qhov hais tias dhau lawm (pass) rau district qhov kev hais lus (speech) lawm siv tau qhov no mus rau kev kawm ntawv tiav uas yuav tsum muaj rau speech. Cov tub ntxhais yuav tsum tau kawm ib hoob lej rau Drafting 1A. Hoob no rov kawm dua tau ib zaug ntxiv yuav credit.
Qhov uas yuav tsum tau kawm uantej: Cov tub ntxhais yuav tsum xeem kom dhau kev cobphum (safety) nyob rau thawj 5 hnub thaum pib kawm nyob hoob ntawd. Yuav tsi pub cov tub ntxhais sau npe kawm ntawv ntxiv lawm tomqab uas twb kawm 5 hnub lawm. Cov tub ntxhais uas xeem tsi dhau rau kev cobphum (safety) yuav raug muab rho tawm ntawm hoob kawm rau MPTA.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Fabrication With Wood and Metal 12213

Department: Career Technical Education
Grade Level: 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob no yog qhia txog kev cuaj hlau (arc and oxyacetylene welding), paub thiab txawj siv tej cwj (tools) thiab tshuab (equipment) nrog rau kev ua tej projects uas siv ntoo thiab hlau. Cov menyuam kawm ntawv yuav tau ua kom tiav li ob rau peb qhov projects uas lawv xaiv los ua. Yuav muab qhab-nees rau tej uas lawv ua no. Yuav muaj kev xeem ua ntu zus thiab cov menyuam kawm ntawv yuav tau koomtes ua cov projects thiab lwm yam.
Qhov uas yuav tsum tau kawm uante(s): Design Implementation
Cov ntaub ntawv uas siv: Agricultural Mechanics and Technology Systems, Copyright 2017, The Goodheart-Wilcox Company, Inc.

Fashion I 12530

Department: Career Technical Education
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Visual and Performing Arts (g) **NCAA: No**

Hoob kawm no qhia cov tub ntxhais txog ib txoj haujlwm uas zoo heev rau kev tsim lossis xaws khaubncaws thiab muag cov khoom thiab qhia txog tej uas lawv yuav tsum tau paub lossis muaj thiaj vammeej rau ntau yam haujlwm nyob rau kev ua cov lagluam khaubncaws no. Cov tub ntxhais yuav kawm txog kev tsim, kev xaws khaubncaws, kev muag khoom rau tej lagluam, thiab muag cov khoom. Hoob no yog ib hoob uas yuav siv sijhawm los mus kawm thiab tshawb nrhiav uas cov tub ntxhais yuav kawm pab ntxiv rau lawv tej txujci los ntawm kev sis koomtes, kev sis txuas lus, kom muaj txojkev xav tob, thiab muaj lub tswvyim zoo los tsim tej yam. Yuav muaj ob qhov semester project rau lawv ua, uas yuav qhia txog seb lawv paub txog kev tsim khoom licas, kos duab licas, paub xaws khaubncaws licas, thiab paub xaiv tej ntaub xov licas los xaws thiaj zoo. Tsi tas li ntawd xwb, hoob no yuav qhia txog ntau yam kev kawm ntsig txog kev tsim khaubncaws, thiab kev muag khoom nrog rau kev kawm ntawv Askiv, Lej, Kev Lagluam, Keebkwm, thiab kev kos duab lossis tsim tej yam. Hoob no yuav pab tau cov tub ntxhais kom muaj sijhawm los ncav cuag hoob Speech (hoob kawm hais lus) rau kev Kawm Ntawv Tiav.
Qhov Yuav Tsum Tau Kawm Uantej: Kawm kom tiav hoob Art I thiab tau tus qhabnees C lossis zoo dua.
Cov ntaub ntawv uas siv: Apparel Design, Textiles & Construction,11th Edition; The Goodheart-Willcox Company

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Fashion II — 12535

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Visual and Performing Arts (g) | **NCAA: No**

Hoob kawm no yuav kawm ib cov txujci tshiab txuas ntxiv rau hoob Fashion I uas twb kawm tas los lawm, thiab yuav kawm ntxiv kom cov tub ntxhais paub tsim thiab xaws khaubncaws tau zoo. Ib feem ntawm kev kawm haujlwm nyob hoob no, cov tub ntxhais yuav los saib ntxaws dua txog tej yam haujlwm tshwjxeeb uas muaj nyob rau cov luagluam xaws khaubncaws. Cov tub ntxhais yuav los muab ntau yam uas lawv tau ua, tej project thiab tej uas lawv ua hauv labs coj los khaws cia ua ib phau professional portfolio. Hoob no yog ib hoob uas yuav ib kev kawm kev ua uas yuav siv ob peb yam kev kawm los kawm txog cov haujlwm rau kev xaws khaubncaws; science, lej thiab technology yuav yog cov uas yuav siv los kawm rau kev tsim cov khaub ncaws thiab kev xaiv ntaub los xaws khaub ncaws kom yuav.
Qhov Yuav Tsum Tau Kawm Uantej: Kawm kom tiav hoob Fashion I thiab tau tus qhabnees C lossis zoo dua.
Cov ntaub ntawv uas siv: Apparel Design, Textiles & Construction,11th Edition; The Goodheart-Willcox Company

Fire and Emergency Medical Responder — 12029

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no saib txog cov txujci uas yuav tsum paub thiaj ua tau ib tus Emergency Medical Responders (EMR's) thiab kom cov tub ntxhais muaj sijhawm mus ua haujlwm nrog rau Sacramento Fire Department thiab lwm cov tibneeg ua haujlwm rau emergency lossis cov tua hluavtaw. Thaum uas kawm tiav hoob no, cov tub ntxhais yuav kawm tau ntau yam txujci thiab muaj tej kev txawj ntse uas yuav npaj tau lawv mus kawm college, ua haujlwm thiab lub neej. Hoob kawm no kawm tau elective credit rau UC thiab CSU.
Qhov uas yuav tau kawm uantej: Kawm kom tiav hoob Fire and Emergency Services, thiab tau tus C lossis zoo dua, kawm hoob kawm ntawv Askiv 10, thiab hoob lej intergrated Mathematics II (uas tau kev tso cai)
Hoob yuav tau kawm nrog rau: CPR thiab First Aid
Cov ntaub ntawv uas siv: Essentials of Fire Fighting and Fire Department Operations, BRADY Publishing, a division of Pearson Education

Fire and Emergency Responders: Service Learning — 12027

Department: Career Technical Education | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no kawm npaj rau hoob EMT(Emergency Medical Technician) program thiab tsim los npaj cov tub ntxhais rau ob yam haujlwm xws li tua hluav taws thiab pab thaum muaj xwmtxheej ceev thiab pab kom lawv yuav vammeej rau kev kawm ntawv qib siab. Hoob no qhia cov tub ntxhais txog tibneeg txojkev xav thiab kev txawj ntse, keebkwm, lub neej yav tom ntej, thiab ob peb yam tseemceeb thaum muaj xwmtxheej ceev, kev noj qab haus huv ntawm thawj tus uas tuaj pab, tes haujlwm thaum muaj xwmtxheej ceev nyob hauv lub zej zos, thiab tej yam plaub ntug uas muaj ntsig txog tej yam xwmtxheej ceev. Hoob no qhia cov tub ntxhais kom muaj kev totaub dav txog lub cev, lub cev ua haujlwm licas, thiab kawm cov lus uas siv rau kev khomob. Cov tub ntxhais yuav muaj sijhawm kawm ua haujlwm los ntawm qhov ua haujlwm nrog rau Sacramento Fire Department thiab lwm lub chaw pab rau lub zej zos thiab yuav muaj sijhawm kawm kom tau daim certificate rau HEED (Health Education).
Qhov yuav tsum tau kawm uantej: Kawm kom tiav Fire and Emergency Responders: kawm hoob Service Learning thiab tau tus C lossis zoo dua, English 9 (yuav tsum tau kawm), thiab kawm hoob lej Mathematics I (yeej xav kom kawm)
Kawm uantej lossis kawm thooj txhij nrog: CPR and First Aid (Xav kom kawm) thiab Biology (Xav kom kawm)
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Fire and Emergency Services, Introduction To 12028

Department: Career Technical Education
Grade Level: 10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob no kawm npaj rau hoob EMT(Emergency Medical Technician) program thiab tsim los npaj cov tub ntxhais rau ob yam haujlwm xws li tua hluav taws thiab pab thaum muaj xwmtxheej ceev thiab pab kom lawv yuav vammeej rau kev kawm ntawv qib siab. Hoob no qhia cov tub ntxhais txog tibneeg txojkev xav thiab kev txawj ntse, keebkwm, lub neej yav tom ntej, thiab ob peb yam tseemceeb thaum muaj xwmtxheej ceev, kev noj qab haus huv ntawm thawj tus uas tuaj pab, tes haujlwm thaum muaj xwmtxheej ceev nyob hauv lub zej zos, thiab tej yam plaub ntug uas muaj ntsig txog tej yam xwmtxheej ceev. Hoob no qhia cov tub ntxhais kom muaj kev totaub dav txog lub cev, lub cev ua haujlwm licas, thiab kawm cov lus uas siv rau kev khomob. Cov tub ntxhais yuav muaj sijhawm kawm ua haujlwm los ntawm qhov ua haujlwm nrog rau Sacramento Fire Department thiab lwm lub chaw pab rau lub zej zos thiab yuav muaj sijhawm kawm kom tau daim certificate rau HEED (Health Education). Hoob no suav tau ua UC thiab CSU cov hoob tuamyeem kawm.
Qhov yuav tsum tau kawm uantej: Kawm kom tiav Fire and Emergency Responders: kawm hoob Service Learning thiab tau tus C lossis zoo dua, English 9 (yuav tsum tau kawm), thiab kawm hoob lej Mathematics I (yeej xav kom kawm)
Kawm uantej lossis kawm thooj txhij nrog: CPR and First Aid (Xav kom kawm) thiab Biology (Xav kom kawm)
Cov ntaub ntawv uas siv: Essentials of Fire Fighting and Fire Department Operations, BRADY Publishing

Fire and Emergency Services: Senior Seminar 12030

Department: Career Technical Education
Grade Level: 12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g)
NCAA: No

Hoob no yuav pab cov tub ntxhais kom muaj sijhawm los ua thiab txhawb tej txujci uas lawv tau kawm nyob rau hauv fire science pathway los ntawm kev uas tsim ib lub portfolio, ua yam project uas lawv xaiv, thiab mus xyaum ua haujlwm lossis ua haujlwm nrog rau ib tus tibneeg uas yeej twb paub txoj haujlwm ntawd zoo ntawm Sacramento Fire Department. Nyob rau tus tub ntxhais lub portfolio yuav muaj ntawv qhuas thiab cov ntawv txhawb txog nws kev txawj ntse lub peevxwm, certifications, tej yam haujlwm uas nws ua tau zoo uas muab khaw tseg, transcripts, thiab lwm yam ntaub ntawv uas hais txog nws kev ua haujlwm/ kev kawm ntawv. Qhov project uas xaiv ntawd yuav tsum muaj ib qhov project proposal, muaj kev tshawb nrhiav txog, sau ib cov ntaub ntawv txog yam project ntawd, thiab yuav tsum tau los sawv tim ntej tim muag qhia rau lawv. Kev mus xyaum ua haujlwm thiab kev uas xyaum ua haujlwm nrog rau ib tus uas yeej paub txoj haujlwm zoo yog saib los ntawm seb tus tub ntxhais qhia puas tau hais tias nws paub thiab kawm tau cov txujci zoo npaum cas. Cov tub ntxhais uas kawm hoob kawg no yuav muab lawv tej txujci uas lawv kawm tau coj los siv pab rau lawv kev kawm ntxiv txog hluav taws thiab kev pab thaum muaj xwmtxheej ceev los ntawm kev nqis tes xyaum ua haujlwm rau yam uas lawv kawm. Hoob kawm no yeej yog npaj cov tub ntxhais rau kev hloov mus kawm college thiab kev ua haujlwm uas yog rau kev tua hluav taws thiab kev pab thaum muaj xwmtxheej ceev. Hoob no suav tau ua UC thiab CSU cov hoob tuamyeem kawm.Hoob no yog tsimnyog rau Txoj Kev Taug Kev Kub Ntxhov ntawm Valley High School.

Qhov uas yuav tsum tau kawm uantej: Kawm kom tiav hoob Fire and Emergency Medical Responder yuav tsum tau tus C lossis zoo dua; kawm hoob English 11; thiab kawm hoob lej Mathematics III (xav kom yuav tsum tau kawm)
Kawm uantej lossis thooj txhij nrog hoob: CPR and First Aid; AED

Hoob no tau teem sijhawm los ua kom muaj kev vam meej hauv xyoo 2020-2021.

Floral Design and Merchandising 12228

Department: Career Technical Education
Grade Level: 11-12
Credits: 20.0
Max Credits: 20.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

Hoob no qhia cov menyuam kawm ntawv txog cov kev ua paj los npaj rau ib txoj haujlwm ua paj. Cov menyuam kawm ntawv yuav kawm txog: kev tu thiab khaws paj, tsob paj, thiab tej tauv paj nrog nplooj; kev tshuaj txog cov paj thiab nplooj thiab muab lawv los tso kom zoo nkauj; kev siv cov twj los ua paj, khoom siv, thiab tshuaj yug paj; kev ua tej tauv paj raws li cov qauv; kev ua paj rau txhua lub yam (occasions); kev muab los tso rau tibneeg xyuas, kom nqi, thiab khav kom lwm tus yuav yus cov paj; kev ceev tej paj kom tsis txhob ntsws. Tomqab kawm tas hoob no, cov menyuam kawm ntawv yuav npaj txhij mus ua ib txoj haujlwm muag paj.
Cov ntaub ntawv uas siv: The Art of Floral Design, Delmar

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Floral Design II — 12219

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais hluas txog cov haujlwm kho paj kom zoo nkauj, hoob uas qeb siab thiab nyuaj tshaj plaws. Lawv yuav tsum siv tswv yim los kho paj, to taub yam zoo nkauj, to taub txog kev xav, thiab kawm txog keeb kwm nrog rau kev lig kev cai. Yuav tau siv cov nqe lus tseem ceeb thiab kev cai tswj kev kho paj hauv txhua lub unit uas kawm. Cov tub ntxhais yuav tau ua haujlwm kho paj siv rau ib rooj tshoob los sis ib lub koos txoos, nrog rau kev pab tibneeg xaiv paj, kho paj, thiab teeb tsa paj.
Hoob yuav tsum tau kawm ua ntej: Elements and Principles of Floral Design
Cov ntaub ntawv uas siv: Tsis muaj

Foods and Nutrition I — 12423

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia cov menyuam kawm ntawv txog zaubmov thiab kev ua zaubmov. Cov menyuam kawm ntawv yuav tau los xyaum ua tej yam khoom noj xwsli: ncuav ci (breads), txiv hmab txiv ntoo, zaub, khoom qabzib, zaub hau, salads, etc. Cov menyuam yuav tau ua lossis mus tshawb txog tej yam uas hais txog: zaubmov, kev noj tej zaubmov uas zoo, kev paub txog zaubmov, thiab kev tswj yus lub sijhawm. Cov menyuam kawm ntawv yuav tau siv ntau yam twj tais ua zaubmov, thiab kawm tau tej yam xwsli kev siv riam, kev luj, kev ua tej yam zaubmov, thiab kev npaj zaubmov. Hoob no yuav yob ib hoob pib rau cov menyuam kawm ntawv uas xav mus kawm cov haujlwm uas hais txog kev ua Zaubmov thiab Khoom Noj.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Fundamentals of Public Health — 12408

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob tsim rau cov tub ntxhais hluas kom paub txog kev pab tawm xovxwm qhia pej xeem sawvdaws kuaj mob/kho mob (public health), vim nws yuav yog qho coj kev mus tw xeem daim Community Health Worker (CHW) certification rau cov tub ntxhais hluas uas kawm dhau CHW certification tej requirements. Hoob siv ib xyoo kawm no yuav muaj tham lus qhia lectures, kev tshawb nrhiav, thiab kev mus xyaum haujlwm (field work) rau cov tub ntxhais thiab nws yog ib hoob kawm tuas rau lub Health TECH Academy. Lub semester thij ib yuav qhia txog lub hauv paus ntawm txhua yam, kev muaj mob uas kis tau thiab tsis tau thiab txog tej yam tshiab ntawm kev noj zaub mov yug lub cev, txhua yam uas yuav tsum muaj los pab npaj kev sibtham nyob rau hauv zos thiab yuav tsum ua haujlwm tshawb fawb nyob rau tej health fairs thiab lwm yam kev koom zoo xws li no. Cov tub ntxhais hluas yuav tsum koom tes ua ib qho group project ua ke los sau txog ib yam ntawm kev noj zaub mov yug lub cev (nutrition). Lub semester thij ob hauv hoob no, yuav qhia cov tub ntxhais kom to taub thaib nkag siab txog cov luag haujlwm thiab kev paub dej num los ntawm CHWs thiab lawv txoj haujlwm nyob rau chaw kho mob/kuaj mob (healthcare delivery system). Cov tub ntxhais yuav kawm txog cov txuj ci tshawb nrhiav, kev nqes tes ua num, thiab kev tham lus rau sawvdaws hlmoog hauv hoob thiab saib txog cov case studies los pab kom txawj siv hlwb xav. Lawv yuav kawm kom paub thiab nkag siab txog tej kab lig kev cai thiab siv nws rau ib pab group project hu li Cultural Awareness Community Health Education (CACHE) Outreach Project.
Hoob yuav tsum tau kawm ua ntej: Health
Cov ntaub ntawvuas siv: Glencoe Health, McGraw Hill

General Business — 12500

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yuav qhia cov menyuam kawm ntawv txog txhua yam haujlwm kev lagluam, nyiaj txiag (khwv los thiab siv tawm), checking accounts, kom homhpiaj siv nyiaj (budgets), credit thiab kev yuav khoomb. Nws yog ib hoob pib rau lwm hoob uas kawm txog kev lagluam, lossis suav ua cov hoob uas tuamyeem kawm.
Cov ntaub ntawv uas siv: Introduction to Business, McGraw-Hill Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Green Energy Technology I — 12751

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

Hoob no tsim los pab cov tub ntxhais hluas nqes tes ua projects tshawb kawm txog cov technology uas txuas nrog lub hnub ci cov fais faib (solar energy) thiab lub zog ntawm tej cua (wind power). Lub sijhawm no, cov tub ntxhais thiaj li paub txog kev kawm uas yuav tsum muaj nyob rau ib tug kws ua haujlwm rau kev txuag fas faib (Renewable Energy), yog ib txoj haujlwm uas huaj vam zoo heev li. Lawv yuav kawm kom tau cov txuj ci/kev txawj uas yuav tsum muaj los tsim thiab kho kom tau solar case thiab wind turbine. Cov scale projects uas loj heev no yuav tig ncaj nraim thiab tauj tau ib lub battery/inverter system. Cov tub ntxhais hluas yuav siv txoj hauv kev los tsim tus qauv (engineering design process) los pab nws npaj tsim tus qauv, ua kom tau tus model, thiab test ib qho lus teb rau qhov teeb meem (solution) rau ib yam teeb meem uas siv fais fab energy. Thoob lub sijhawm kawm hauv hoob no, yuav muaj cov qhua tseem ceeb uas tau koom tes nrog tsev kawm ntawv, tuaj tham rau cov tub ntxhais hmloog, yuav muaj mus ncig xyuas cov energy related facilities, thiab tshawb nrhiav cov haujlwm muaj nyob rau hauv lub Renewable Energy Industry.
Hoob yuav tsum tau kawm ua ntej: Kawm dhau hoob Introduction to Green Energy Technology
Cov ntaub ntawv uas siv: Renewable Energy: Power for a Sustainable Future, Oxford University Press

Green Energy Technology II — 12752

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

Hoob no tsim los pab cov tub ntxhais hluas nqes tes ua projects tshawb kawm txog cov technology uas txuas nrog lub hnub ci cov fais faib (solar energy) thiab lub zog ntawm tej cua (wind power). Lub sijhawm no, cov tub ntxhais thiaj li paub txog kev kawm uas yuav tsum muaj nyob rau ib tug kws ua haujlwm rau kev txuag fas faib (Renewable Energy), yog ib txoj haujlwm uas huaj vam zoo heev li. Lawv yuav kawm kom tau cov txuj ci/kev txawj uas yuav tsum muaj los tsim thiab kho kom tau solar case thiab wind turbine. Cov scale projects uas loj heev no yuav nstib thiab tauj tau ib lub battery/inverter system. Cov tub ntxhais hluas yuav siv txoj hauv kev los tsim tus qauv (engineering design process) los pab nws npaj tsim tus qauv, ua kom tau tus model, thiab test ib qho lus teb rau qhov teeb meem (solution) rau ib yam teeb meem uas siv fais fab energy. Thoob lub sijhawm kawm hauv hoob no, yuav muaj cov qhua tseem ceeb uas tau koom tes nrog tsev kawm ntawv, tuaj tham rau cov tub ntxhais hmloog, yuav muaj mus ncig xyuas cov energy related facilities, thiab tshawb nrhiav cov haujlwm muaj nyob rau hauv lub Renewable Energy Industry.
Hoob yuav tsum tau kawm ua ntej: Kawm dhau hoob Introduction to Green Energy Technology I
Cov ntaub ntawv uas siv: Renewable Energy: Power for a Sustainable Future, Oxford University Press

Green Energy Technology III — 12753

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Science (g) | **NCAA: No**

Hoob no tsim los pab nrhiav chaw rau cov menyuam students nyob hauv cov programs uas koom tes nrog lub tsev kawm ntawv. Yuav muaj kev xyaum haujlwm internships, kev koom tes tshawb nrhiav thiab kawm cov certification programs uas muaj nyob rau hauv industry partners, union shop training programs, thiab tsev kawm ntawv qeb siab/tsev kawm xyaum ua haujlwm. Kev tshawb nrhiav yuav yog koom tes nrog lub tsev kawm ntawv qeb siab thiab nrog rau cov chaw ua haujlwm loj industries/corporations uas lub luag haujlwm yog mus tshawb nrhiav thiab kev ua kom loj hlob. Internships lub homphiaj yog pab npaj ua haujlwm (job readiness), npaj txoj haujlwm yam tom ntej (career planning) thiab paub txog cov num uas muaj nyob rau kev ua haujlwm nrog energy thiab utilities job sector. Txawm hais tias tus menyuam yuav npaj mus kawm rau lub tsev kawm ntawv qeb siab 2 xyoos los yog 4 xyoos, nkag mus rau lub career technical education training program los sis mus ua haujlwm tom qab lav ntawv, hoob senior GETA course no yuav pab txhua tus menyuam npaj kom mus kawm tau ntawv/ua haujlwm kom txais kev vam meej xwb.
Hoob yuav tsum tau kawm ua ntej: Kawm kom dhau hoob Intro to Green Energy Technology, Green Energy Technology I thiab Green Energy Technology II
Cov ntaub ntawv uas siv: Renewable Energy: Power for a Sustainable Future, Oxford University Press

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Green Energy Technology, Introduction to — 12750

Department: Career Technical Education | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob freshman level course no ntsuam xyuas txog cov technology uas txuag fais fab energy thiab cov dej num muaj nyob rau chaw ua haujlwm. Yuav tham txog lub hnub ci (solar), huab cua (wind), biofuels, hydrogen fuel cells, hydroelectric thiab geothermal lub zog muaj fais fab energy. Yuav siv cov modules xws li solar cookers, solar race tsheb, cov wind turbines me me, cov tshuab methane production plants uas me me, water wheels/turbines, thiab nrog rau cov hydrogen fuel cell race car kits los txhawb kev kawm. Txuas ntxiv, cov tub ntxhais hluas yuav tau kawm txog kev npaj lub homphiaj ua haujlwm, paub ua num, hloov yooj yim, coj kev cai zoo thiab paub txog tej plaub ntug, thiab ua tus nai coj kev thiab tus txawj koom tes sib pab, txhua yam uas txheeb rau lub luag haujlwm Energy thiab Utilities Industry Sector. Tsis tas li ntawd, yuav muaj cov qhua tseem ceeb los ntawm cov tsev kawm ntawv qeb siab thiab qho chaw ua haujlwm tuaj tham rau cov tub ntxhais tib si.
Cov ntaub ntawv uas siv: Renewable Energy: Power for a Sustainable Future, Oxford University Press

Health Tech Internship — 12418

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog ntau yam thiab qheb qhovrooj rau cov menyuam txog cov haujlwm uas hais txog kev khomob. Mus xyaum ua haujlwm tau lub sijhawm uas kawm ntawv thiab yuav tau ua qee cov projects thiab kev xyaum ua haujlwm rau cov nub uas tsi kawm ntawv. Cov menyuam uas kawm hoob no yuav yog cov uas sau tsab ntawv xovxwm Health TECH Academy, khiav qhov Health thiab Fitness Expo uas muaj txhua xyoo thiab ua tej yam uas muaj hauv txoj kev kawm, thiab ua haujlwm nrog cov tibneeg uas ua txoj haujlwm no los nrhiav cov chaw rau cov menyuam mus xyaum ua haujlwm, mus ua haujlwm pab tej zejzos, thiab muab lwm yam kev pab rau txoj kev kawm no. Cov menyuam yuav los ua cov pab lwm tus hauv lub hoob, pab qhia cov menyuam uas kawm hoob no lossis pab daws tej teebmeem thaum uas muaj. Cov menyuam yuav paub txog txhua yam kev kuaj mob thiab cov kev qhia uas muaj thiab yuav los pab/qhia lwm cov menyuam uas kawm hoob no. Qhov kawg, cov menyuam uas mus xyaum ua txoj haujlwm Health TECH los yuav coj tej uas lawv kawm txawj los mus pab tej pejxeem los ntawm kev mus pab kuaj mob hauv tej lub chaw uas tsimnyog. Hoob no yog ib hoob uas cov menyuam yuav mus ua tau raws cov kev saamfwm hauv txoj kev kawm Health TECH Academy. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd
Yam yuavtsum tau kawm uantej: Yog tug kawm Health TECH Academy.
Cov ntaub ntawv uas siv: Tsi siv phau ntawv

Human Body Systems Honors (PLTW) — 12162

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: No**

Hoob kawm no sojntsuam txog tibneeg lub cev seb nws ua haujlwm licas. Cov tub ntxhais yuav tshawb nrhiav txog lub cev thiab kawm tej npe kom paub tias yog dabtsi, nws muaj zog ua tau dabtsi, txav mus los licas, kev tiv thiav lub cev licas thiab lub cev yuav tsum tau ua haujlwm licas tej roj tshav thiaj khiav ua haujlwm zoo; lawv yuav los puab ib cov siab ntsws thiab nqaij rau ntawm tus qauv pobtxha; siv cov kev qhia (data) software los sojntsuam lub cev kev ua haujlwm xws li cov muscle kev txav mus los zoo licas, reflex thiab voluntary action, thiab kev ua pa; thiab xyaum ua txoj haujlwm li ib tus biomedical professionals los daws tej kev kab mob uas muaj tiag. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Hoob yuav tau kawm uantej: Biology of the Living Earth
Hoob uas kawm thooj txhim uake nrog: Mathematics I thiab cov tub ntxhais yuav tsum kawm nyob rau hauv Biomedical Academy
Cov ntaub ntawv siv los qhia: Project Lead the Way, https://www.pltw.org/

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Internet Engineering I — 12117

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog tsim los npaj cov tub ntxhais rau kev kawm ntawv qib siab kom yuav vammeej rau Information thiab Communication Technologies (ICT). Cov tub ntxhais yuav kawm txog keeb kwm ntawm tej kev siv thiab kev sis txuas lus los ntawm network; cov kevcai siv uas ua rau muaj taus internet; qhov networks no pab tau licas; thiab npaj tau licas rau kev mus kawm college thiab kev ua haujlwm nyob rau cov haujlwm ICT. Hoob kawm no qhia txog cov tswvyim (theory) thiab kev siv network rau kev sis txuas lus thiab qhia cov tub ntxhais txog tej media (xovxwm tshav tawm rau coob leej paub) uas cia lawv xav txog cov (engineer) uas tsim tej no lawv txojkev xav, kev tsim, thiab kev daws teebmeem. Cov tub ntxhais yuav muaj sijhawm los mus sau ntawv, los sis koom uake rau tej yam, los tshawb nrhiav, thiab tsim kom muaj tej txujci, thiab tsim kom muaj tej txujci rau tiam 21 nyob rau hauv hoob no.
Hoob yuav tsum tau kawm uantej: Exploring Computer Science (yeej xav kom kawm)
Cov ntaub ntawv siv los qhia: Cisco Networking Academy (an online curriculum)

Introduction to Engineering Design (PLTW) — 12349

Department: Career Technical Education | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob kawm rau Project Lead the Way (PLTW) Engineering no txhawb kom cov tub ntxhais ua ib pab (team) los daws teebmeem thaum lawv los kawm txog tej kev ua tsim ub no, ua kom tiav qhov kev tsim ntawd, thiab siv prototyping machine, kawm kom paub thim tej uas tau tsim, kom paub daws tej teebmeem thaum uas muaj tuaj.
Qhov uas yuav tsum tau kawm uante(s): Kawm kom tiav hoob Mathematics 1 thiab tau tus C lossis zoo dua (lossis rau cov uas kawm qib 9 uas tsi tau kawm hoob Mathematics 1 thaum kawm qib 8, yuav tsum tau kawm kom tiav Mathematics 8 thiab tau tus C lossis zoo dua)
Cov ntaub ntawv siv los qhia: Project Lead the Way, https://www.pltw.org/

Journalism Production I — 12164

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog kev sau xovxwm muaj nyob rau hauv tsev kawm ntawv daim newspaper thiab hauv phau yearbook. Yuav tau nthuav tawm xovxwm hauv newspaper, hauv lub computer on-line thiab hauv phau yearbook. Hoob class no muaj kev cob qhia thiab nqes tes los kawm txog: kev sau thiab ntsuas ob peb hom ntawv xovxwm articles, nyeem saib puas muaj qhov yuam kev, kho tej yam uas tsis thwj, tshaj tawm, nug/tham nrog, siv cov technology xws li Microsoft Word, Adobe in Design, thiab Adobe Photoshop los pab tsim/luam xovxwm los yog kho duab; thiab tso xovxwm hauv lub web.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Leading the Community — 12611

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog hoob kawm kawg rau Leading Youth for Tomorrow's Educators (LYFTE) Pathway uas yuav qhia cov thawj coj tom ntej no thiab cov xibfwb uas yuav tom ntej kom muaj sijhawm los mus qhia txog tej lawv kawm thiab tej txujci los ntawm kev uas nqis tes ua haujlwm thiab tej projects. Cov tub ntxhais yuav muaj sijhawm los mus koom rau kev sim ua haujlwm nrog rau cov thawj coj thiab cov xibfwb los mus tshawb nrhiav txog tej haujlwm niaj hnub nimno ua los ntawm kev ua thawj coj thiab kev kawm ntawv. Hoob kawm no npaj cov tub ntxhais rau kev mus kawm college, kev ua haujlwm, thiab kom ua tau ib cov pejxeem zoo.
Tej uas yuav tsum tau kawm uantej: Kawm hoob Understanding Leadership in the Community and Careers in Education
Cov ntaub ntawv kawm:
The First Days of School, How to be an Effective Teacher, Harry K. Wong Publications, Inc. 2018

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Legal Careers I — 12023

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob Legal Careers I qhia ntxawg thiab meej txog txoj kev tu plaubntug niajhnub nimno thiab yog tsim los npaj thiab qhia cov menyuam kawmntawv mus ua cov haujlwm hauv kev tu plaubntug xwsli cov npaj ntaub ntawv (paralegals), legal assistants, legal secretaries, ua haujlwm nrog nomtswv, thiab mus ua haujlwm hauv ib lub law office, thiab mus ua kws lijchoj. Tib lub sijhawm uas kawm kom paub txog cov haujlwm kev tu plaub-ntug, cov menyuam kawm ntawv tseem yuav kawm tau tej yam uas yuav siv tau rau hauv kev ua haujlwm thiab kev yuav mus kawm qibsiab txog kev tu plaubntug. Los ntawm kev kawm txog cov kev tu plaubntug thiab cov kev khiav cov chaw hais plaubntug, cov menyuam kawm ntawv yuav tau los ua kiag txoj haujlwm.
Cov ntaub ntawv uas siv: The Professional Paralegal, McGraw-Hill publishers

Legal Careers II — 12024

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob Legal Careers II yog hoob kawg ntawm cov kev kawm ROP Legal. Hoob no muaj cov kev qhia uas yoojyim rau cov menyuam kawm ntawv mus xyuas, coj los sib tham, tshawb xyuas txog thiab rov xyuas dua. Los ntawm kev siv cov kev hais plaubntug, tej uas ntsib dua los lawm, thiab tej rooj plaub uas luag tau los sib hais yuav ua rau cov menyuam kawm ntawv pom thiab paub txog cov kev saib hais plaubntug, pom tias luag siv dabtsi los txhawb luag rooj plaub thiab qhov uas tseemceeb tshaj plaws uas yog siv kev ncajncees. Yuav kawm txog tej khoom siv xwsli charts, diagrams, checklists, duab qhia thiab cov ntawv siv (forms). Tseem yuav muaj kev sib tham thiab sib nug, caw neeg tuaj hais lus, tej zaj plaub, thiab tej yam uas yuav tau ua txog txoj kev kawm.
Cov ntaub ntawv uas siv: The Paralegal Resource Manual, McGraw-Hill publishers

Machine Learning Honors — 12102

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no siv interdisciplinary techniques tsi hais kev siv statistics, linear algebra, optimization, thiab computer science los tsim automated systems uas paub muab cov kev qhia (data) uas ntau ntau coj los saib thiab qhia tau tias yuav zoo licas lossis txiav txim siab licas. Tomqab uas kawm hoob no tas, cov tub ntxhais yuav paub hais tias yuav daws cov teebmeem machine muaj licas thiab siv tau algorithms rau lawv. Cov tub ntxhais tseem yuav clean up data sets, muab lawv organize mus rau training thiab testing sets, thiab nrhiav tus qauv uas zoo tshaj rau qhov data. Cov pevtxwv ntawm cov qauv no muaj search engines, email spam filters, face recognition, thiab product recommendations. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Qhov yuav tsum tau kawm uantej: Completion of or concurrent enrollment in Pre-Calculus
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los qhia

Manufacturing and Product Development, Intro to — 12366

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais txog kev uas tsim khoom. Cov tub ntxhais yuav kawm txog cov haujlwm muaj rau kev tsim khoom, tsim tej yam khoom tshiab thiab tshawb nrhaiv txog kev tsim ub no hauv hoob no.
Kev uas tsim khoom yog ib tes haujlwm uas yeej yuav tsum muaj, tshwjxeeb nyob rau hauv thaj tsam Sacramento, thiab hoob kawm no yuav qhia cov tub ntxhais txog seem haujlwm no muaj dabtsi zoo nyob rau hauv.
Qhov uas yuav tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los qhia

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Marketing 12501

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 10-12
UC/CSU: None
Credits: 5.0
Max Credits: 5.0
NCAA: No

Hoob no qhia cov tub ntxhais kawm kom lawv nkag siab txog cov haujlwm ntawm kev tshaj lagluam muag khoom, qhov chaw, tus nqe, thiab kev siv tswv yim los txias tibneeg los yog promotion nyob rau kev ua lagluam. Kev cai uas tswj kev tshaj lagluam thiab yam uas kawm hauv hoob class yuav pab cov menyuam uas mob siab rau txoj haujlwm no thiab muaj tus major kawm marketing, management, los yog business hauv ntawv qeb siab (business in college), cov uas muaj lub homphiaj ua ib tug tswv khia lagluam, thiab rau cov uas xav tau haujlwm ua los yog twb ua haujlwm nyob rau hauv cov haujlwm tshaj tawm lagluam/ua lagluam.
Hoob yuav tsum tau kawm ua ntej: Computer Technology.
Cov ntaub ntawv yuav siv: No textbook assigned

Marketing & Leadership Principles I 12502

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 10-12
UC/CSU: None
Credits: 10.0
Max Credits: 10.0
NCAA: No

Hoob no qhia txog qhov tseem ceeb thiab lub hauv paus ntawm kev tshaj tawm txog ib yam koom thiab kev sib tw hauv kev lag luam li peb niajhnub pom. Kev lag luam yog ib yam uas hais txog tib neeg; kev lag luam yog ib txoj kev los xav txog tias tib neeg xav tau dabtsi thiab los nrhiav yam khoom, lub tswvyim thiab kev pab mus muag rau lawv. Lawv yuav kawm tau kev ua thawj coj los ntawm kev mus koom lub koom haum Career Technical Education, DECA/FBLA. Cov tub ntxhais kawm ntawv mus koom tau lub DECA/FBLA hauv lub district, xeev, thiab hauv teb chaws thiab yuav muaj sij hawm tau txais kev qhuas thiab awards. Hoob qhia txog cov qauv kev lag luam thiab ua thawjcoj yog npaj los txhawb cov tibneeg uas xav mus kawm txog kev lag luam, tswj kev lag luam lossis ua kev lag luam hauv college, rau cov uas ntshaw ua tus tswv/khiav lawv txoj kev lag luam, thiab cov uas ntshaw tes hauj lwm lossis tabtom ua tes hauj lwm lag luam.
Hoob yuav tsum tau kawm ua ntej: Computer Technology
Cov ntaub ntawv yuav siv: No textbook assigned

Medical Assistant 12654

Department: Career Technical Education
Graduation Requirement: Career Technical Education
Grade Level: 12
UC/CSU: None
Credits: 30.0
Max Credits: 30.0
NCAA: No

Hoob kawm no yuav kawm ib lub xyoo thiab lawv yuav ntsib txhua hnub li peb-teev. Cov tub ntxhais yuav kawm ob yam li no txog tes haujlwm rau medical assistant. Ua haujlwm pem lub front office (administrative) thiab ua haujlwm nram qab pab (clinical). Muaj kawm yuav certificate rau CPR thiab first aid thiab nws yog dawb xwb. Tus uas kawm tiav rau hoob no lawm, tseem yuav tau npaj mus xeem daim medical assisting certification exam uas yog ib yam yuav tsum tau muaj thiaj ua tau haujlwm. Hoob kawm no yog tsim los rau cov kawm qib 12 hauv high school uas xav pib kawm txog cov haujlwm rau kev khomob thaum lawv kawm ntawv tiav. Los ntawm qhov uas yuav kawm nyuaj thiab ceev, cov tub ntxhais yuav tsum tau mob siab tuaj kawm txhua hnub kom tiav raws li lub sijhawm ntawd.
Cov ntaub ntawv siv los kawm: Kinn's The Medical Assistant, An Applied Learning Approach, 14th Edition, Elsevier Inc.

Medical Assisting: Senior Seminar — 12667

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog tsim los npaj cov tub ntxhais rau cov haujlwm Medical Assisting (Pab Kws Khomob) los ntawm cov kev kawm ntau yam tseemceeb txog kev khomob. Cov tub ntxhais yuav kawm txog tej kev txiav txim siab thiab kev koom siab rau tej kevcai tswj rau kev ua haujlwm, kawm txujci, thiab kom ua tau cov haujlwm li hais nyob rau kev pab kev khomob (Medical Assisting). Hoob no yog kawm no yeej txais yuav cov qauv qhia rau kev kawm, kev ua haujlwm thiab technical education. Cov tub ntxhais yuav kawm thiab xyaum ntau yam txujci uas yuav tsum tau paub rau medical assistant, tsi hais kom paub npaj tus neeg mob rau kev kuaj thiab kev khmomob, kom paub ua tau yam kev kuaj (laboratory tests), thiab paub ceev cov neeg mob tej ntaub ntawv khomob. Yuav kawm txog tibneeg kev noj qab haus huv thiab tej roj tshav khiav ua haujlwm licas thiaj cia sia. Kev kawm no muaj kev xyaum ua haujlwm tibsi nyob rau tom cov chaw khomob. Hoob no suav tau ua UC thiab CSU cov hoob tuamyeem kawm.
Hoob yuav tsum tau kawm uantej: Medical Terminology for Healthcare Careers
Thiab English 11 (yuav tsum tau kawm)
Cov ntaub ntawv uas siv: Kinn's The Medical Assistant, An Applied Learning Approach,13th Edition, Elsevier Inc.

Medical Careers I — 12668

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

Lub hoob qha kawm nuav yog thawj theem ntawm peb qhov kev qha kawm muaj kws tsim sim lug npaaj cov tub kawm ntawv moog nkaag rua ib qhov kev ua dlej num nyob rua ntawm txuj kev noj qaab nyob zoo. Lub hoob nuav yuav lug qha tau tawm txug cov kev ua dlej num nyob rua huv txuj kev noj qaab haus huv rua cov tub kawm ntawv kws yuav muaj kev tshawb nrhav qha tawm tau txug cov kev ua dlej num nuav. Cov tub kawm ntawv los tseem yuav tau lug kawm txug txhua yaam muaj nyob rua huv tuab neeg lub cev, cov lu lug has qha txug txuj kev noj qaab haus huv, hab paub txug cov kev kws yuav muaj muab lug siv nyob rua huv txhua yaam kev ua dlej num ntawm cov kev noj qaab nyob zoo. Cov tub kawm ntawv yuav tau lug moog kawm tshawb nrhav txug qhov kev ua dlej num luj hab paub lug has qha txug cov kev muaj txawv lug ntawm cov kev ua dlej num xws le cov technical, professional hab cov kev pib moog ua entry-level positions kws muaj nyob rua huv cov kev ua dlej num nuav.
Cov ntawv tseem ceeb (Pre-requisite): Lej I thiab qib C lossis ntau dua; Hmong 9 thiab tau qhab nias C los siab dua; Biology (pom zoo); thiab Npaj Siab rau Kawm Ntawv Qib Siab thiab Hauj Lwm (pom zoo)
Cov ntawv pov thawj: Biology thiab Mathematics II
Cov ntaub ntawv uas siv: Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition; Study Guide-Procedure Checklist Manual for Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition

Medical Careers II — 12669

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

Hoob kawm no yuav kawm txog cov qauv rau Next Generation Science Standards (NGSS) nrog rau cov qauv rau kev tu cov tibneeg muaj mob (Patient Care Health Pathway). Cov tub ntxhais yuav tshawb nrhiav txog ntau yam kabmob thiab kev sojntsuam txog yam kabmob ntawd thiab nrhiav kev kho licas thiab muab tshuaj kho tej kabmob ntawd kom zoo. Cov tub ntxhais yuav kawm txog cov haujlwm rau kev khomob thiab kawm tshwjxeeb txog tej yam kabmob nyob lub cev thiab kom paub tej txujci rau kev tu cov neeg muaj mob thiab paub siv tej txujci kawm rau kev khomob no. Kev kawm no yog los ntawm kev xyaum (experiments) nyob rau hauv lub laboratory, tshawb nrhiav, kawm txog tej case, thiab phais tsiaj lossis tej yam ntawm tus tibneeg. Cov tub ntxhais yuav kawm tau peb (3) college credits rau kev kawm cov lus medical terminology.
Qhov yuav tsum tau kawm uantej:Yuav tsum kawm hoob Medical Careers I, Biology thiab tau tus C lossis siab dua, kawm hoob lej Mathematics II thiab tau tus "C" lossis siab dua
Hoob uas yuav tsum tau kawm uake nrog: Chemistry
Cov ntaub ntawv uas siv: Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition

Medical Careers III — 12670

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog hoob uas yuav tau qhia txog tej txujci kawm rau Cov Haujlwm Khomob. Hoob kawm no yog tsim los mus npaj cov tub ntxhais rau kev yuav nkag mus rau cov haujlwm khomob thiab yuav qhia cov tub ntxhais txog kev khomob los ntawm qhov uas nqis tes ua haujlwm kawm kom paub cov txujci tu cov tibneeg muaj mob. Cov tub ntxhais yuav kawm kom paub ntsuas (vitals, paub uas ECG, diagnostic tests, txhaj tshuaj, tu qhov txhab, xaws, thiab ua CPR/AED. Cov tub ntxhais yuav muaj sijhawm los mus kawm kom tau AHA BLS certification. Cov tub ntxhais yuav tshawb nrhiav thiab tham txog kev khomob rau ntau haivneeg thiab ntau yam kev khomob.
Qhov uas yuav tsum tau kawm uantej: Medical Careers II, Mathematics III (yeej xav kom kawm)
Cov ntaub ntawv uas siv: Kinn's The Medical Assistant: An Applied Learning Approach, 14th Edition

Medical Interventions Honors (PLTW) — 12405

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: No**

Hoob kawm yuav cia cov tub ntxhais los mus tshawb nrhiav txog ntau yam tshiab rau kev tivthiav, kev sojntsuam, thiab kev kho tej kabmob. Tej yam kev kawm yuav qhia cov tub ntxhais txog tej kev tshawb nrhiav tshiab txog lub cev kev yuav tiv thaiv tej kabmob licas, kev phais, tej roj ntshav, tshuaj noj, tej khoom siv los kho mob, thiab kev kuaj mob. Lub ntsiab lus loj kawm rau biology yog kev tiv thaiv thiab kev tua kabmob, ua tibzoo saib thiab sojntsuam txog DNA code, thiab kev tiv thaiv rau cancer, kev kuaj thiab kev kho. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Cov ntaub ntawv uas tau txais yuav los kawm: Project Lead the Way, https://www.pltw.org/

Medical Terminology — 12650

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hauv hoob no, cov tub ntxhais hluas yuav txog tibneeg lub cev, cov npe tis rau hauv lub cev, rau kev thaij fais fab (radiology), hom tshuaj yuav noj/siv (pharmacology) thiab cov lus siv thaum phais tibneeg nrog rau kev txuas cov lus medical terms no lub sijhawm kawm hauv hoob. Yuav tsum paub tshuaj ntsuam, txhais, hais los lus, thiab to taub cov medical terms. Hoob no yuav tsum kawm ua ntej thiaj nrhiav tau cov entry-level haujlwm nyob rau chaw kho mob/kuaj mob. Hoob kawm no siv 90 xuab moos los qhia, muaj tham lus, kev koom tes ua group activities, thiab saib video/software. Qhib rau txhua tus menyuam hauv EGUSD.
Hoob yuav tsum tau kawm ua ntej: Tsis muaj
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Medical Terminology for Healthcare Careers — 12666

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yuav kawm txog cov lus uas siv tshwjxeeb rau hauv kev kho mob kom cov tub ntxhais yuav paub thiab nrhiav tau haujlwm ua lossis kawm ntawv saib dua ntxiv txog kev kho mob. Hoob no yog kawm txog cov lus ntxiv uas siv los hais nrog rau lo lus tseem uas nyob peb hauv ntej lo lus hais ntawd (prefixes), lo lus tseem (root), thiab cov lus uas ntxiv tomqab lo lus tseem (suffexes) cov lus no yog hais cov lus uas siv rau kev khomob thiab kawm hais cov lus kom thwj, sau cov ntsiab ntawv kom thwj, thiab kom totaub cov lus siv rau kev khomob. Cov lus kawm siv rau kev khomob no yuav pab cov tub ntxhais kom paub ntau txog tias lub cev zoo licas, lub cev ua haujlwm licas, thiab kawm txog tej mob nkeeg uas muaj rau lub cev. Tib lub sijhawm uas kawm cov lus khomob no, cov tub ntxhais yuav kawm kom paub cov haujlwm ua pem front office uas yuav tsum tau paub nyob rau cov haujlwm khomob no thiab.
Hoob yuav tsum tau kawm uantej: Fundamentals of Public Health, Biology (yuav tsum tau kawm), thiab English 10 (yuav tsum tau kawm) Hoob uas yuav tsum tau kawm uake nrog: CPR Certification
Cov ntaub ntawv uas siv: The Language of Medicine, 10th Edition, Saunders

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Microbiology Honors 12672

Department: Career Technical Education **Grade Level:** 11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob kawm no yuav los tshawb nrhiav txog tias cov kabmob microorganisms zoo licas nyob rau ntawm Biotechnology Industry. Cov tub ntxhais yuav los kawm txog (microbes) kabmob, microbial growth thiab tej zaub mov uas yuav tsum tau muaj thiaj loj hlob. Thiab yuav kawm txog microorganisms nyob rau tej roj tshav engineering thiab lwm yam biotechnology. Hoob kawm no yog kawm txoj tej txujci, tsi hais kev uas nqi tes ua nyob hauv hoob laboratory ib yam li tej haujlwm tiag tiag. Cov tub ntxhais yuav kawm kom paub txog ntau yam clinical test thiab lab techniques uas siv los nkag rau cov haujlwm hauv clinical lab. Hoob kawm no tshawb nrhiav txog cov haujlwm microbiological careers. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Qhov yuav tsum tau kawm uantej: Science and Ethics of Biotechnology

Cov ntaub ntawv siv los kawm: Biotechnology, Science for the New Millennium, Paradigm Publishing Inc.

Mobile Apps Development 12105

Department: Career Technical Education **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives **UC/CSU:** Elective: Other (g) **NCAA: No**

Nyob rau hoob kawm no, cov tub ntxhais yuav tsim ib qhov mobile application uas yuav siv tau nyob rau hauv Android thiab IOS uas yog siv cov technologies uas tshiab tshaj. Los ntawm tej theories thiab tej kev ua programming tshawb nrhiav kom tob ntxiv, hoob kawm no npaj cov tub ntxhais uas xav kawm mus rau kev ua mobile applications. Thaum uas kawm hoob no tas, cov tub ntxhais yuav tsim ib cov mobile application tshiab thiab muab lawv cov haujlwm no mus rau hauv mobile app store.
Cov yuav tau kawm uanntej: Exploring Computer Science and Computer Science Principles
Cov ntaub ntawv siv los kawm: Tsi Tsi siv cov phau ntawv los qhia

Molecular Biotechnology Honors 12673

Department: Career Technical Education **Grade Level:** 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob kawm no yuav kawm txog kev siv technology nyob rau molecular biology level, tsi hais nyob rau hauv biochemistry, qhov chaw kev tshawb nrhiav, thiab kev xyaum ua haujlwm kom muaj kev cobphum rau hauv laboratory tej chaw. Hoob kawm no muaj nqis tes ua haujlwm hauv lub hoob laboratory, ua li cov haujlwm uas muaj tiag tiag, thiab ua li cov haujlwm uas yuav cia cov tub ntxhais kawm kom paub tej txujci ua haujlwm rau hauv biotechnology lab; solution preparation, nucleic acid isolation, recombinant DNA cloning, PCR, thiab ELISA. Hoob no yuav kawm ntxiv txog kev tshawb nrhiav cov haujlwm rau bioscience, tsi hais kev tshawb nrhiav, biomanufacturing, biomedical devices, thiab clinical trials. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Qhov yuav tsum tau kawm uantej: Microbiology Honors

Cov ntaub ntawv siv los kawm: Biotechnology, Science for the New Millennium, Paradigm Publishing Inc.

Multimedia 12136

Department: Career Technical Education **Grade Level:** 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Career Technical Education **UC/CSU:** None **NCAA: No**

Hoob no yog tsim los txhawb kev kawm nrog rau kev kawm haujlwm (Career Technical Education). Cov menyuam kawm ntawv yuav kawm txog kev thaij duab (media theory), kev txhimkho (criticism), kev zoo nkauj (aesthetics), thiab kev thaij duab multimedia. Cov menyuam kawm ntawv yuav tau tsim thiab thaij duab multimedia tuaj tso rau sawvdaws xyuas raws li tej uas tau kawm hauv hoob. Yuav kawm txog tias yuav ua licas thiaj thaij tau zoo. Yuav qhia cov menyuam kawm ntawv txog kev siv Microsoft PowerPoint, Macromedia Director, lossis Flash. Yuav los kawm txog kev siv digital animation thiab video los ua kho thiab tso slide. Cov menyuam kawm ntawv yuav los siv tej technology tshiab hauv hoob.
Yam yuavtsum tau kawm uantej: Computers thiab Technology, thiab Intermediate Computers.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Ornamental Horticulture 12217

Department: Career Technical Education
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Science (g) **NCAA: No**

Hoob no tshawb fawb txog tej kev cai tswj thiab xyaum nyob ntawm kev cog zaub cog paj mus rau txiv hmab txiv ntoo (horticulture), uas yuav pab txhawb kev txawj ntse ntawm cov kws ua teb noj nrog rau cov ua uas nrhiav haujlwm ua. Hoob no tsim los cob qhia tej tub ntxhais hluas txog kev loj hlob, kev tsim ua, thiab pab tu tej xyoob ntoos siv rau kev dai khoom (ornamental purposes) xwb. Yuav tham txog kev tu ntoo kom loj hlob, kev cim npe rau tej ntoo, kev ua haujlwm ntawm tej xyoob ntoo, kev tsim kom muaj ntoo ntau me ntsis, kab mob ntawm tej xyoob ntoos, xovxwm cog, kev saibxyuas qho yuav tau xyaum, kev xaiv thiab tu xyoob ntoos, thiab cov haujlwm nyob rau Ornamental Horticulture. Cov tub/ntxhais yuav kawm txog FFA thiab tej supervised occupational experience programs. Hoob no ua tau raws li UC thiab CSU qho Elective Requirement.
Hoob kawm ua ntej mam kawm tau lwm hoob: Mathematics I (or Algebra 1) thiab Agricultural Biology los yog Biology
Cov ntaub ntawv uas siv: Introductory Horticulture, 7th Edition, Delmar Cengage Learning

Outdoor Recreation and Conservation 12209

Department: Career Technical Education
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob no tsim los qhia kev kawm txog tsiaj qus kev nyob hav zoov hav tsuag (wildlife) thiab lawv chaw nyob uas phem thiab tsawj zuj zus. Cov tub ntxhais hluas yuav kawm txog tej yam yooj yim ntawm kev saibxyuas hav zoov, kev xyuam xim ntawm cov tibneeg tua tsiaj, tua hneev, nuv ntes, thiab ev hnab taug ke ua si. Lawv yuav tau ua nyias li haujlwm projects thiab ntaub ntawv long-term assignments kom tiav. Yuav muaj ua homework raws kev kawm xws li nyeem ntawv, sau ntawv qhia xovxwm, thiab sau ntawv tshawb nrhiav. Yuav muaj tw xeem raws caij nyoog thiab cov tub ntxhais los yuav tsum koom tes ua ib txhia ntawv assignments, sab laj hauv hoob, nrog rau lwm yam uas tau teem tseg. Hoob no yog ib hoob ntawm ntau hoob uas yuav pab npaj cov tub/ntxhais mus kawm cov hoob nyob rau tsev ntawv qeb siab uas qhia txog ntau yam kev qhuab qhia ntawm kev ua liaj ua teb (Agriculture Science).
Cov ntaub ntawv uas siv: Wildlife and Natural Resource Management, Cengage Learning

Outdoor Recreation and Conservation, Advanced 12210

Department: Career Technical Education
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

Hoob no pub ib lub sijhawm zoo rau cov tub/ntxhais kawm kom paub muaj txiaj ntsim rau cov kev cai pab tiv thaiv tej tsiaj hav zoov thiab cov natural resources xws li tej dej, xyoob ntsoos nrog rau lwm yam muaj nyob rau hav zoov hav tsuag hauv California. Kev kawm xyoo ob no, yuav pab tsim kom muaj tus cwj pwm zoo rau lub sijhawm nyob dawb ywj siab; pab qhia txog kev xyuam xim ntawm cov tibneeg tua tsiaj thiab kev pab kom ciaj sia yog ntsib teeb meem li cas, thiab tawm suab kom sawvdaws paub txog lub luag haujlwm saib xyuas tsiaj hav zoov no. Hoob no tsim los txhawb cov tub ntxhais hluas kom paub txog tej tsiaj nyob hauv hav zoov hav tsuag thiab cov haujlwm ntau heev nyob rau kev saibxyuas. Yuav qhia txog kev ntsaws paj rwb rau tej tsiaj thiab muab dai saib (taxidermy), kev siv hav zoov cov ntoos los hlais ua khoom, kev tsim ua tus pas nuv ntses, thiab kev khi tus kab nuv ntses nrog rau lwm yam txuj ci ua haujlwm. FFA thiab Agricultural leadership txuas thoob hoob no thiab.
Cov ntaub ntawv usa siv: Outdoor Recreation in America, Human Kinetics

Parenting and Child Development 12410

Department: Career Technical Education
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: None **NCAA: No**

Hoob kawm no qhia txog kev loj hlob ntawm tus menyuam txij thaum muaj hauv plab mus txog rau thaum tiav hluas. Yuav kawm txog kev loj hlob ntawm menyuam lub cev, kev cog phoojywg nrog lwm tus, nws txojkev xav, thiab kev txawj ntse, tsi hais kev yuav kawm tej units tshwjxeeb txog kev ntau menyuam, kev tsi tu menyuam zoo, kev qhuab qhia, kev saib xyuas kom zoo, thiab kawm txog cov menyuam uas xiam oob qhab. Los ntawm kev saib, kev kawm, thiab tej activities ua cov tub ntxhais yuav kawm kom paub zoo txog tej uas qhia rau lawv. Cov tub ntxhais yuav tsum tuaj kawm ntawv txhua hnub hauv hoob thiab yuav tsum tau mus koom ib lossis ob qhov kev uas saib txog menyuam thiab/ mus field trips sab nraud dua li nyob hauv lub tsev kawm ntawv.
Adopted curricular materials: The Developing Child, Goodhard-Wilcock

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Phlebotomy I — 12653

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 15.0** | **Max Credits: 30.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm ob-semester, qhib rau txhua tus tub ntxhais kawm ntawv hauv EGUSD, ua haujlwm txhua hnub rau peb lub sijhawm. Hoob no qhia txog 10 yam modules nyob rau kev tso ntshav (phlebotomy). Cov modules qhia txog cov kev cai raws li lub State Certification requirements los ua tus kws Phlebotomy Technician, Certified Phlebotomy Technician I, Certified Phlebotomy Technician II, thiab txuas ntxiv, txoj haujlwm ua tus Laboratory Assistant. Cov tub ntxhais hluas yuav tsum muaj 18 xyoo nkaus nws thiaj mus xeem tau daim phlebotomy certification examination. Hoob no muaj ntawv licensed los ntawm lub State of California Department of Health Services. Qhib rau txhua tus menyuam hauv EGUSD. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 30 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Phlebotomy Essentials, 6th Edition, Wolters Kluwer

Practicum of Livestock Management and Marketing — 12204

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog hoob kawg rau kev kawm txog animal science pathway. Hoob kawm no kawm txog tej roj ntshav ntawm tej tsiaj, kawm txog tej txujci kho mob rau tsiaj/ tsiaj kev noj qab haus huv, kev noj tej zaub mov zoo rau tsiaj, kev qhauj muag khoom siv rau tsiaj, thiab tej teebmeem uas niaj hnub nimno muaj rau tsiaj. Hoob no yuav muab ua tsib units kawm, hoob kawm no yog kawm txuas ntxiv rau tej uas twb kawm tas los lawm thiab yuav muaj kev nqis tes kawm thiab ua tej yam tshwjxeeb rau hoob no.

Hoob uas yuav tsum tau kawm uantej: Biology thiab Sustainable Agriculture (9th/10th) lossis Biology of the Living Earth (9th/10th); thiab Principles of Livestock Industry (10th/11th)
Cov ntaub ntawv siv los qhia: Tsi siv cov phau ntawv qhia

Principles and Design of Cyber-Physical Systems — 12122

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob kawm kawg no yog rau cov tub ntxhais uas tseem xav kawm ntxiv txog coding thiab robotics. Qhov no yuav kawm txuas ntxiv rau tej uas twb kawm tas lawm, xws li kev siv lej thiab physical science techniques, coding uas nrog rau ntau hom lus, thiab tsim cov building thiab coding of circuits uas siv tej yam electronics meme. Tej yam txujci tshiab yuav kawm yog advance mechanism design rau mobile robots uas siv Autodesk, wireless networking, task modeling, human-machin interface, thiab autonomous solutions. Feem ntau yuav kawm txog kev tsim program, task decomposition, kev sim, kho kom txhob muaj kabmob, thiab kev uas rovqab siv qhov software dua. Hoob kawm kawg rau hoob kawm haujlwm no muaj kev kawm txog tej txujci, thiab kev kawm ua thawj coj, uas yuav npaj cov tub ntxhais rau lub ntiajteb lossis kev ua haujlwm.
Cov ntaub ntawv uas siv: C-STEM Studio / Soft Integration, c-stem/ucdavis.edu; Code HS

Principles of Biomedical Science (PLTW) — 12160

Department: Career Technical Education | **Grade Level:** 09 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Biological Science (d) | **NCAA: No**

Hoob kawm Project Lead The Way (PLTW) pib qhia cov tub ntxhais txog tibneeg lub cev ntaj nrug, basic biology, tshuaj, kev tshawb nrhiav, thiab yuav cia cov tub ntxhais los sim ua tej yam experiments los daws teebmeem. Cov tub ntxhais yuav kawm txog biological concepts, yuav ua licas thiaj yuav tswj tau lub cev kom noj qab nyob zoo, lub cev ua haujlwm hlawv tej rog licas, roj tshav ntawm tus neeg zoo licas, thiab yuav tiv thaiv li cas thiaj tsi muaj mob. Hoob kawm no kawm yuav tau qhabnees nyob rau UC thiab CSU hoob lab science.
Qhov yuav tsum tau kawm uantej(s): Yuav tsum kawm hoob General Science lossis Biology.
Co-Requisite: Cov tub ntxhais yuav tsum tau kawm hoob Biomedical Academy nyob rau ntawm PGHS
Cov ntau ntawv siv los qhia: Project Lead the Way, https://www.pltw.org/

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Principles of Dev/Psych for Children 12414

Department: Career Technical Education
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob no kawm txog ntau hom kev cai los tswj menyuam kev loj hlob, pib hauv lub plab mus rau thaum tiav hluas. Nws tshawb qhia txog txoj kev menyuam loj hlob thiab pauv li cas ua ntej yuav los mus ua ib tug neeg laus paub ua num. Tej yam tseem ceeb yuav tham txog yog: Cov kev kwv yees uas loj heev ntawm txoj kev pauv/hloov, kev pauv ntawm tus menyuam nyob hauv plab, kev xaiv yug menyuam, cov menyuam mos liab, kev hloov ntawm hom lus hais thiab kev txawj ntse, kev txheeb ze, kab ke uas cuam tshuam menyuam kev loj hlob, cov menyuam uas yuav tsum tau kev pab ntxiv (special needs), thaj tsam ntawm tsev neeg thiab cov haujlwm txuas rau menyuam. Tej yam tseem ceeb hauv hoob yog cov sijhawm mus ncig xyuas ua si, sijhawm zoo mus saib thiab tham nrog tej menyuam yaus, thiab cov community projects. Cov tub ntxhais hluas hauv Elk Grove High School uas kawm tau tus qhab nee "B" los yog zoo dua, yuav muaj feem mus kawm hoob ACE (pub siv qho credit rau hauv CSUS).

Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Principles of Engineering A 12344

Department: Career Technical Education
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob tsim los qhia cov tub ntxhais hluas pab cev tes ua tej num muaj nyob rau cov haujlwm ua tshuab, ua kev, ua choj, thiab lwm yam ntau heev (engineering fields). Lub sijhawm no, lawv yuav kawm txog kev kawm ntawv qeb siab ntawm ib tug kws engineer, kev txawj yuav tsum muaj, thiab paub txog lub luag haujlwm. Kev xyaum daws teeb meem muaj xyaum kho tshuab hlau (mechanical engineering), tshuab fais fab (electronic engineering), tshuab teeb tsa (structural engineering), thiab tshuab hluav taws xob (electrical engineering). Cov tub ntxhais yuav tau siv txoj engineering process thaum tsim tus qauv duab, npaj ua yam khoom, muab teeb tsa saib, thiab sim/tw ib yam lus teb rau teeb meem saib nws puas raug tus qauv ntsuam. Cov tub ntxhais kawm yuav nyias tsim nyias ib qho engineer's portfolio uas piav txog nws kev txawj ntse log yog kev paub ua haujlwm zoo thoob xyoo kawm ntawv ntawd thiab sau txog txoj kev npaj tsim lawv qho student projects.
Hoob kawm ua ntej mam kawm tau lwm hoob: Mathematics I and CADD or Engineering Technology
Cov ntaub ntawv uas div: Tsi siv cov phau ntawv.

Principles of Engineering B 12345

Department: Career Technical Education
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education
UC/CSU: Elective: Other (g) **NCAA: No**

Hoob no tsim los qhia ntxiv rau hoob Principles of Engineering A tau kawm tas los no. Cov tub ntxhais hluas yuav tau rov qab soj ntsuam kev cai loj qhuab qhia thiab tswj ntawm engineering los pab daws teeb meem ntxiv mus. Hoob kawm yuav tsom txog engineering thiab technology muaj nyob rau green energy uas yog kev siv tswv yim tshiab pab txuag khoom/fais fab. Tej tub/ntxhais yuav tau siv txoj kev process tsim tus qauv raws li kev kawm ntawm hoob Principles of Engineering A, yuav tau koom tes los tsim kom tau lus teb rau los yog pab kom tau cov teeb meem muaj nyob rau kev tsim tus qauv. Yuav qhia txog tej yam ntawm physics txuas rau ntau yam nyob cov haujlwm engineering, muaj qhia thiab sim tau saib los ntawm daim ntawv qhia xovxwm thiab kev tham lus nthuav tawm. Cov technologies kawm txog yog kev tseg dej cia tau siv thiab cov kais nqus dej, kev siv lub hnub rhaub dej, lub tshuab taws cua, nrog rau kev siv dej taws fais fab (micro-hydroelectricity).
Hoob kawm ua ntej mam kawm tau lwm hoob: Mathematics I (or Algebra 1) los yog hoob ua lej siab dua thiab kawm hoob Principles of Engineering A.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Principles of Engineering Design (PLTW) 12360

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Hoob project Lead The Way (PLTW) no cov kev kawm qhia tob- ntxaws txog ntau yam kev tsim thiab kev sis txuas lus thiab tej ntaub ntawv uas siv los ntawm cov tub txawg tub ntse rau kev tsim ub no (engineers). Kev uas kawm txog tej machine, tej kua dej, tej hluav taws xob, thiab kev tswj, tej yam li no yuav tshawb nrhiav thiab kawm txog. Yuav kom paub siv tus qauv, cov tub ntxhais yuav tau ntsuas los ntawm kev siv static thiab strength rau ntau yam khoom uas yuav siv, tshawb nrhiav thiab tsim robotics, thiab kawm txog tej haujlwm muaj rau engineering thiab kinematics.
Qhov uas yuav tsum tau kawm uantej (s): Yuav tsum kawm kom tiav hoob Mathematics I thiab tau tus C lossis zoo dua
Cov ntau ntawv siv los qhia: Project Lead the Way, https://www.pltw.org/

Principles of Engineering Design (PLTW) Honors 12364

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Science Recommended (d) | **NCAA: No**

Nyob rau hoob kawm no, cov tub ntxhais yuav tshawb nrhiav txog cov ntsiab lus kawm rau engineering, uas yog mechanisms, energy thiab power, materials thiab structures, automation, statistics, thiab kinematics. Cov tub ntxhais yuav tshawb nrhiav txog thermal thiab lwm yam ke siv energy thiab tshawb nrhiav txog solar hydrogen systems. Lawv siv beam (ncej hlau) los sojntsuam los kawm txog tej khoom uas yuav siv thiab los mus calculate tias nws thev tau npaum licas nyob sab hauv thiab sab nraud thaum uas nhyav tuaj. Cov tub ntxhais yuav kawm tswj mechanical system los ntawm kev tshawb nrhiav txog computer inputs thiab outputs thiab totaub txog hydraulic thiab pneumatic fluid power. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Qhov yuav tsum tau kawm uantej: Mathematics I
Cov ntaub ntawv siv los kawm: Project Lead the Way, https://www.pltw.org/

Principles of Livestock Industry 12227

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no, muaj plaub units loj yuav kawm, tsi hais kev sojntsuam txog kev tu tsiaj, kev noj zaub mov rau tej tsiaj loj thiab tsiaj me, kev tu kom muaj menyuam tsiaj ntxiv thiab kev siv tej technologies, thiab tej kev yuav tsum tau xyaum ua kom noj qab haus huv. Los ntawm kev nqis tes ua haujlwm nrog rau kev kawm, kev uas mus ncig tej chaw lagluam, thiab caw cov qhua tuaj hais lus txhawb zog, cov tub ntxhais yuav totaub lub ntsiab tseeb txog tej lagluam tu tsiaj. Hoob kawm no yuav muaj kev qhia txog kev ncaj ncees thiab lwm yam zoo txog kev tu tsiaj.

Principles of Mechatronics 12339

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog tsim los qhia kom cov tub ntxhais paub txog cov technology uas yuav raug tau rau lawv lub neej; yuav pab kom lawv paub txiav txim siab, seb kev kawm technology lossis engineering seem twg yog seem uas zoo rau lawv kawm uas yuav yog yam haujlwm uas lawm nyiam ua; thiab yuav npaj lawv rau cov hoob kawm siab txog technology thiab engineering. Yuav qhia cov tub ntxhais txog tej yam kev siv nyob rau hauv engineering los mus daws tej teebmeem muaj nyob rau hauv technology thiab qhia kom paub siv ib cov software thiab hardware. Thaum cov tub ntxhais nqis tes ua lawm, lawv yuav daws cov teebmeem uas muab cob rau lawv los ntawm qhov uas yuav tau siv mechanical, hluav taws xob, lossis software element los daws. Cov tub ntxhais yuav tsum qhia tau tias lawv kev daws qhov teebmeem ntawd yeej zoo tsimnyog lawm los ntawm kev uas twb muaj sim (testing) thiab ua rau lawv saib tibsi nrog rau kev tshab xo los ntawm kev hais lus thiab kev sau ntawv. Cov txujci rau kev kawm technical thiab kev kawm ntawv no yuav npaj cov tub ntxhais kom kawm tau mus rau qib siab thiab kawm tau hauv cov hoob technical nyob rau txhua qib kawm ntawv. Qhov yuav tsum tau kawm uantej: Computer Aided Drafting and Design (CADD)
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Principles of Mechatronics II — 12338

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yuav kawm txog lej, science (physics thiab electrical circuits), mechanical design, thiab technology. Lub homphiaj ntawm hoob no yog tsim los rau cov tub ntxhais uas xav kawm mus rau STEM tomqab high school. Hoob kawm no yuav kawm txog robotics, electrical engineering, thiab mechanical engineering. Cov tub ntxhais yuav ua tej ntaub ntawv los ntawm lawv tus kheej thiab nrog rau tej pab groups lub sijahwm uas lawv ua lawv tej lab projects. Hoob labs no muaj kev cov kev tsim los ntawm mechanical thiab electrical system uas qhia cov tub ntxhais txog kev tswj qhov system los ntawm programming hardware kom ua tau haujlwm txais tau tej data los ntawm tej sensors. Cov tub ntxhais yuav kawm kom totaub txog tias mechanical thiab electrical, thiab software system no ua haujlwm los daws tej teebmeem licas.
Cov ntaub ntawv uas tau txais yuav siv los qhia: Tsi Muaj

Product Innovation and Design I — 12367

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog hoob concentrator-level rau kev tsim khoom (Production Innovation) thiab Design pathway. Cov tub ntxhais yuav ua raws li kev tsim ib cov khoom ntawm nws tus kheej thiab nrog rau tej pab los ua haujlwm uake hauv hoob no. Kev pib yog los ntawm kev sojntsuam seb yam khoom ntawd puas yog ib yam uas yuav tsum tau muaj, lub tswvyim los tsim yam khoom uas yuav tsum muaj ntawd, kev sim rau tus qauv yuav tsim yam khoom ntawd, thiab saib seb tej yam yuav tsum tau ua ntxiv yog dabtsi. Cov tub ntxhais cov projects, tsim tej khoom uas siv ntoo los ua, kev pab hauv lub zej zos, kev qhia txog yam khoom ntawd, Portfolio maintencance, thiab sojntsuam cov txujci. Cov tub ntxhais uas kawm tau zoo nyob rau hauv hoob no yuav kawm toj ntxiv rau Product Innovation and Design II mus kawm kom lawv paub txujci ntxiv.
Qhov yuav tsum tau kawm uantej: Product Innovation Fundamentals
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los qhia

Product Innovation and Design II — 12368

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog hoob uas kawm siab tshaj rau Product Innovation and Design pathway. Cov tub ntxhais yuav siv tej uas kawm rau kev tsim los tsim tej yam khoom tsi hais ua ntawm lawv tus kheej lossis nrog rau ib pab (group) ua ntu zus nyob rau hau hoob kawm no. Cov tub ntxais yuav tsim ib cov khoom uas yog siv ntoo los ua, lawv yuav tsim tej cov khoom me me uas yog siv ntoo los ua thiab kawm kom paub ntaus hlau. Cov tub ntxhais yuav ua haujlwm nrog rau cov sawvcev ntawm tej lub lagluam los nrhiav kev daws teebmeem uas yog siv cov tub ntxhais tej txujci los daws. Thaum kawg, cov tub ntxhais yuav kawm ua haujlwm nyob rau lub lagluam uas lawv xaiv thiab yuav tau ib daim certificate hais tias kawm tiav thiab paub txog tej yuav tsum tau ua kom muaj kev cobphum.
Hoob yuav tau kawm uantej: Product Innovation and Design I
Cov ntaub ntawvs siv los kawm: Tsi muaj cov phau ntawv yuav siv los kawm rau qhov no

Professional Culinary Arts — 12426

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 20.0** | **Max Credits: 20.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia cov menyuam kawm ntawv kom txawj thiab paub los npaj zaubmov thiab dej haus hauv cov chaw ua noj xwsli cafeterias thiab coffee shops mus rau xa khoom noj mus rau neeg hauv hoob, npaj tej rooj mov loj (banquet), thiab tej chaw noj mov loj. Nws qhia txog cov qauv kev npaj zaubmov thiab npaj kom haum li cov neeg tuaj noj nyiam. Dua li, hoob no tseem qhia txog cov kev ua noj uas zoo thiab haum li tej neeg thoob ntiajteb nyiam. Nws yuav muaj kev sau txog thiab ua kiag ntawm tes, uas yog mus xyaum ua haujlwm sab nraud.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Professional Theatre, Introduction to — 12145

Department: Career Technical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Kev Pib Qhia Txog Kev Ua Yeeb Yam (Professional Theatre) Hoob no pib qhia cov tub ntxhais rau ntau yam haujlwm uas muaj rau kev ua yeebyam. Cov tub ntxhais yuav kawm txog ntau hom kev ua yeebyam xws li Broadway mus rau tej uas muaj nyob hauv cheebtsam mus rau tej kev ua yeebyam nyob hauv lub zej zos kom lawv thiaj paub hais tias qhov uas yuav tsum tau muaj rau kev xyaum ua yeebyam thiab tej peevxwm uas yuav tsum tau muaj rau kev ua tau yeeb yam zoo yog dabtsi.
Cov ntaub ntawv siv los qhia: Tsis siv phau ntawv.

Public Service, Introduction to — 12031

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais txog lwn haivneeg, thiab kev ua nom ua tswv nyob rau tej cheeb tsam thoob plaws hauv ntiajteb. Nws yog lub homphiaj kom qhia ncav kom cuag li cov homphiaj teem tseg nyob rau hauv kev kawm rau History-Social Science Framework rau hauv California Public Schools. Qhia kom dav thiab ntxaws thiab muab tso raws li tej cheeb tsam, hoob kawm no yuav pab kom cov tub ntxhais totaub txog tias lub ntiajteb zoo licas thiab muaj ntaub haivneeg npaum licas. Cov tub ntxhais yuav los sojntsuam txog seb cov tibneeg coob npaum licas thiab kev uas nyaib mus nyob ib qhov rau ib qhov yog licas thiab saib txog tej uas tibneeg ua (activities) uas tau hloov tej yam nyob rau ib ncig ntawm lawv thiab kom totaub txog tej haivneeg thiab tej keeb kwm uas muaj tseeb uas tau hloov lub ntiajteb ib ncig ntawm lawv. Qhov yuav tsum tau kawm uantej:
Street Law: A Course in Practical Law, 10th Edition, McGraw Hill, copyright 2021

Ranch Animal Science — 12226

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia cov tub ntxhais hluas txog kev cai tswj nyob rau Animal Science uas tsom txog cov haujlwm tu/muag tsiaj, nws tej keeb kwm, kev ntsuam xyuas thiab kev xaiv hom tsiaj txhu. Yam loj yuav kawm txog yog kev tu tsiaj kom loj hlob nrog rau kev xaiv hom tsiaj, tu tsiaj kom huam vam, kawm txog tsiaj lub cev, tus xeeb ceem, kev pub mov, kev tu kom txob muaj mob, thiab kev ua lag luam muag tsiaj txhu. Hoob Animal Science no yog tsim rau cov tub ntxhais uas xav paub txog txhua yam nyob rau kev tu/muag tsiaj txhu, cov haujlwm uas muaj, thiab kev saibxyuas kom mus zoo. Yuav muaj sijhawm mus ua haujlwm nyob rau lub laboratory thaum kawm txog FFA, 4-H, los yog ua nws qho domestic livestock project. Qhib rau txhua tus menyuam hauv EGUSD.
Qhov uas yuav tsum tau kawm uante(s): Animal Anatomy and Physiology of Plants
Cov ntaub ntawv uas siv: Tsis muaj

Robotics — 12121

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no cia rau cov tub ntxhais los kawm thiab xyaum ua tej yam txog science. Hoob kawm no yeej muaj cov qauv sis ncag li California Engineering Technology, qhov program no yog tsim los rau cov tub ntxhais uas xav kawm mus rau robotics thiab qhov no yuav txhawb tau lawv kom mus kawm ua cov haujlwm rau science thiab engineering. Cov tub ntxhais yuav kawm nyob rau tej pab tsawg tsawg los mus tshawb nrhiav, tsim, thiab yuav tsim ib cov robots. Cov tub ntxhais yog leejtwg xav koom rau kev sis tw cov robotic los yeej tau.
Cov ntaub ntawv uas siv: Code.org

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Small Engine Repair — 12309

Department: Career Technical Education | **Grade Level:** 10-11 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los pib qhia thiab kawm txog tej yam khoom siv, los ntsuas, los kho, los kuaj, qhia txog kev cobphum rau tus kheej thiab tom lub chaw ua haujlwm, qhia txog kev tsim thiab ua tej yam me me ntsig txog lub cav tsheb. Cov tub ntxhais yuav kawm los ntawm ntau hom kev qhia, xws li kev hais lus txhawb qhia (lecture), qhia los ntawm kev mloog thiab kev saib txog tej yam, thiab kev nqis tes ua haujlwm nyob rau hauv lab. Hoob no yuav txhawb kom cov tub ntxhais siv lawv lub peevxwm thiab siv tej yam txujci lawv paub los ua kom tiav cov homphiaj rau hoob no. Kev xav tob thiab kev txawj daws teebmeem yuav yog cov txujci siv los ua kom tiav tej yam project uas yuav tsum tau ua xws li muab lub cav tsheb rhuav lauj thiab rovqab muab coj los sis dho uake kom ua tau haujlwm. Tsi tas li ntawd xwb, hoob no yuav npaj cov tub ntxhais mus rau kev kawm ntawv qib siab thiab yuav ua cov haujlwm kho tsheb/lossis cov haujlwm uas siv hluavtaws xob los khiav.
Qhov yuav tau kawm uantej: Tsi Muaj
Cov ntaub ntawv uas siv: Small Engine and Equipment Maintenance, American Technical Publishers

Sports Therapy I — 12400

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no yog thawj hoob kawm txog Sports Therapy. Lub homphiaj ntawm hoob no yog qhia cov tub ntxhais txog tej yam uas tseemceeb rau Sports Medicine (uas yog kawm pab lossis kho cov tub ua kislas thaum lawv raug mob) nrog rau kev tshawb nrhiav txog yam haujlwm no. Tsi tas li ntawd xwb, hoob kawm no tseem pab cov tub ntxhais kom paub ua thawjcoj, soft skills, thiab muaj sijhawm los mus tshawb nrhiav txog tej teebmeem uas niaj hnub nimno muaj rau cov kws khomob.
Hoob yuav tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv kawm

Sports Therapy II — 12401

Department: Career Technical Education | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yog tsim los qhia cov tub ntxhais kom paub ntxiv txog lub cev, tej uas raug mob thaum ua kislas, kev pab kom rovqab zoo tomqab uas raug mob, kev cobqhia rau kev ua kislas. Nyob rau hauv Sports Careers Academy (SCA), cov tu b ntxhais yuav tau txais CPR and First Aid certification, thiab kom paub haujlwm los ntawm ib tus kws cobqhia Board-Certified Athletic Trainer(s). Peb cov tub ntxhais uas yuav los cobqhia tom ntej no yuav kawm kom paub pab tu cov tub kislas uas raug mob tsi hais raug qhov twg ntawm lub cev thiab kom paub txog NATA code of ethics thiab cov qauv rau BOC practice rau kev cobqhia ua kislas (athletic trainers (ATCs).
Hoob yuav tsum tau kawm uantej: Sports Therapy I
Hoob uas yuav tau kawm nrog uake: Physiology
Cov ntaub ntawv siv los qhia: Fundamentals of Athletic Training, Human Kinetics

Sports Therapy III — 12402

Department: Career Technical Education | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais txog tej yam tseemceeb rau excercise science thiab tej yam txujci tseemceeb uas yuav npaj tau lawv kom xeem dhau NASM-CPT (Certified Personal Trainer) nationally accredited certification examination. Sports Careers Academy (SCA), cov tub ntxhais yuav kawm kom paub txog tej yuav tau ua Basic thiab Applied Sciences, Kev sojntsuam; vibthis ua Exercise thiab Kev cobqhia ; Tsim Program ; Saib txog kev noj zaub mov; Relations and Behavioral Coaching; thiab muaj kev kawm, kev xyaum, thiab ua tes haujlwm.
Hoob yuav tsum tau kawm uantej: Sports Therapy II and Physiology
Cov ntaub ntawv siv los kawm: Fundamentals of Athletic Training, Human Kinetics

Sports, Entertainment, and Music Marketing — 12001

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Cov tub ntxhais will tshawb nrhiav txog kev muag khoom rau tej kev ua kislas, kev lomzem, thiab music thiab yuav xaiv seb lawv nyiam ua yam haujlwm twg thaum kawg. Cov tub ntxhais yuav siv cov qauv rau kev kawm muag khoom thiab yuav los sojntsuam txog kev ua lagluam tias zoo licas rau cov chaw lagluam, tsi hais kev pom zoo lossis kev txhawb nqa, kev txhawb nqa los ntawm nyiaj txiag, kev tsim tej khoom, licensing, yam khoom zoo licas, kev muag khoom, kev qhauj muag khoom thiab muag kim licas. Cov tub ntxhais yuav muaj sijhawm los mus tshawb nrhiav txog tej haujlwm thiab npaj ib qhov kislav, music, lossis entertainment event.

The Elements and Principles of Floral Design — 12218

Department: Career Technical Education | **Grade Level:** 09-11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yog qhia kom menyuam paub txog cov theories thiab cov principles ntawm kev ko duab ua paj thiab kom lawd paub ua paj zoo nkauj. Hoob kawm no qhia kom menyuam txawj ko thiab kho duab, muaj kev xav thiab paub txog keeb kwm thiab tib neeg tej txuj ci tsim ko paj; paub txog nqis ko duab thiab kev saib thiab paub ko duab. Paub tso xim kom haum, paub xim, thiab ko kab kom ncaj siv tej cuab yeej ko duab paj ntoos kom pab tau menyuam txawj siv floral art ko duab paj ntoo zoo. Yuav muaj ntau qhov assignments kom menyuam txawj tsim siv ob los yog peb qhov dimensional, keeb kwm yam tag(historical culture) thiab theory, thiab paub saib thiab paub kho kom tej duab ko tau zoo tuaj, yuav muaj ua ntau qhov floral art works uas yuav los pab kom txawj ua tau ntau qhov floral designs thiab creative expression. Hoob kawm no meets a-g requirement raus Visual thiab Performing Arts credit. Hoob no suav tau mus rau UC thiab CSU cov qhab nee rau Performing Arts rau kev kawm ntawv tiav.
Qhov uas yuav tsum tau kawm uantej: Biology and Sustainable Agriculture
Cov ntaub ntawv uas siv: The Art of Floral Design, Cengage Learning

The Science and Ethics of Biotechnology — 12671

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Biological Science (d) | **NCAA: No**

Nyob rau hoob no, cov tub ntxhais yuav sojntsuam txog tej lawv kawm thiab yuav tau mus tshawb nrhiav tias muaj li hais nyob rau hauv laboratory. Cov tub ntxhais los saib thiab kawm ntxiv txog cell biology, biomolecules thiab atomic structure, DNA, gene expression thiab genetic code, evolution, physiology, thiab energy thiab metabolism. Hoob kawm no yog tsim kom muaj ib cov scientist uas yuav txiav txim siab tau vim twb paub zoo txog tej yam lawm, tshwjxeeb thaum muaj tej yam teebmeem loj nyob rau hauv.
Cov ntaub ntawv siv los qhia: Biotechnology, A Laboratory Skills Course, Bio-Rad Laboratories, Inc.

Understanding Community and Effective Leadership — 12600

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm CTE concentrator course no yuav pib qhia cov tub ntxhais txog ntau yam thiab ntau lub agencies nyob hauv lub zej zos thiab tsim kom muaj kev ua thawj coj zoo hauv tej koom haum hauv lub zej zos thiab hauv tej tsev kawm ntawv.
Cov ntaub ntawv siv los qhia: Leadership and Self-Deception, Arbinger Properties, Inc.

Veterinary Science **12211**

Department: Career Technical Education **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education **UC/CSU:** Elective: Other (g) **NCAA: No**

Hoob no yuav tau kawm ob lub sijhawm txawv thiab yuav kawm txog lub hauv paus ntawm kev kho/saibxyuas tsiaj (veterinary science). Hoob no zoo heev rau cov tub ntxhais hluas uas nyiam tsiaj los yog xav mus kawm ua haujlwm saibxyuas/kho tsiaj. Yuav kawm txhua yam ntawm tsiaj lub cev thiab nws kev ua haujlwm, hom nqaij tawv thiab nws kev ua haujlwm, cov nqaij leeg thoob lub cev, tej roj ntshav kev ncig mus ncig los, kev ua pa, kev ua haujlwm ntawm lub raum, kev zom zaub mov hauv plab, kev muaj menyuam, lub hlwb nrog rau tus txha nruab qaum, kev noj mov yug lub cev, kev muaj kab mob thiab tsis tiaj tus, kev cai tswj kev phais, kev muab tshuaj, kev yees duab siv hluav taws xob, caj ceg, cov haujlwm tshaj lij, kev txhawb cov kws coj kev (FFA), thiab saibxyuas ib qho occupational experience project.
Qhov uas yuav tsum tau kawm uantej: Animal Anatomy and Physiology of Plants
Cov ntaub ntawv uas siv: Introduction to Veterinary Science, Thomson Learning

Video Production I **12152**

Department: Career Technical Education **Grade Level:** 10 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education **UC/CSU:** Elective: Visual and Performing Arts (g) **NCAA: No**

Hoob kawm no uas muaj cev tes ua num, yuav pib qhia cov tub ntxhais hluas txog txoj kev siv lub koob thaij/yees duab video thiab cov khoom siv los thaij video uas muaj nyob rau hauv lub classroom thiab ntawm chaw yees duab/ua video (studio). Yuav tau siv ntau lub computer los khiav tej software uas tsis tas kho/edit li, pab tsim ob peb hom video rau hoob classroom thiab rau kev tshaj tawm xovxwm hauv tsev kawm ntawv. Cov txuj ci qhia muaj xws li kev sau daim ntawv tham lus, zaj dab neeg, kev siv lub koob thaij duab, tso suab, taws teeb, kho kom zoo dua qho qub, yees tej yeeb yaj kiab uas luv luv, xovxwm qhia txog lagluam, tshab xovxwm rau sawvdaws thiab ua txhua hom haujlwm nyob rau pab video production team. Hoob no qheb rau cov tub ntxhais hluas nyob qeb 9 thiab 10 uas xav kawm txog kev tshaj tawm xovxwm hauv high school thiab hauv ntawv qeb siab (college) los sis, rau cov tub/ntxhais uas xav kawm kom tau daim Media Communications certificate. Hoob no qheb rau cov tub ntxhais hluas kawm qeb 11 thiab 12 uas xav kawm los txhawb yam uas nws nyiam, xws li kev ua yeeb yam ntawm sam thiaj, sau ntawv xovxwm, kev tham lus rau sawvdaws hnov, thiab kev yees/thaij duab los yog tsim duab hauv computer.
Hoob kawm ua ntej mam kawm tau lwm hoob: Computer Technology thiab Multimedia los yog muaj kev pom zoo los ntawm tus naikhu hauv Pleasant Grove High.
Cov ntaub ntawv uas siv: Digital Video: Production Cookbook, O'Reilly Media, Inc.

Video Production II **12153**

Department: Career Technical Education **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Career Technical Education **UC/CSU:** Elective: Visual and Performing Arts (g) **NCAA: No**

Hoob no tsim los qhia cov tub ntxhais hluas txog lub cuab kav los npaj thiab tsim kom tau cov projects nyuaj mes ntsis (intermediate) rau ntau hom kev yees duab thiab television (txog dabtsi thiab leej twg). Hoob Video II txhawb ntxiv rau tej txuj ci kawm tas los no hauv Video I. Cov tub ntxhais hluas tej txuj ci mam zoo zuj zus mus thiab paub txog lub luag haujlwm ntawm kev ua ib tug coj saibxyuas txhua yam hauv kev tsim yeeb yaj kiab. Cov txuj ci muaj xws li kev sau zaj dab neeg, sau cov lus hais, npaj/teeb tsa, qhia kev, taws teeb, nthuav tawm thiab kho/editing. Projects muaj xws li pre-thiab post production hais txog tsev kawm ntawv cov xovxwm, tsis tas li ntawd los tej zaum yuav tau ua ib cov special projects uas yuav raug tshaj tawm hauv tsev kawm ntawv los yog rau hauv public television. Kev koom tes nrog cov chaw tso xovxwm thiab chaw ua haujlwm yuav pub sijhawm rau tej tub/ntxhais mus ncig xyuas, nstib cov mentors, thiab tham nrog cov qhua tseem ceeb.
Hoob kawm ua ntej mam kawm tau lwm hoob: Video Production I
Cov ntaub ntawv uas div: Tsis siv phau ntawv

Video Production III — 12154

Department: Career Technical Education | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob qeb siab no pub cov tub ntxhais hluas saibxyuas lawv tej haujlwm siv txuj ci los tham/txuas lus tawm xovxwm, yam uas technical thiab artisitic, raws li kev kawm hauv hoob Video Production I thiab II. Cov tub/ntxhais yuav yog cov los saibxyuas txhua yam ntawm kev tshaj xovxwm xws li tej haujlwm thaum pib, thaum nraub nrab, thiab thaum xaus. Lawv sawvdaws yuav tsum koom tes ua haujlwm ua ke hauv hoob classroom thiab hauv chaw tshaj tawm xovxwm (studio) yog coob kas. Cov tub/ntxhais yuav tau tsim ib cov yeeb yaj kiab tso rau tej sponsored film festivals. Yuav tsum npaj thiab tsim kom tau kev tawm xovxwm thoob lub tsev kawm ntawv thiab txais sijhawm zoo mus pab tawm xovxwm hauv tv nyob rau hauv zos los yog hauv ib thaj tsam ze. Qho credit siv rau kev xaiv kawm ua si xwb (Elective credit only).
Hoob kawm ua ntej mam kawm tau lwm hoob: Video Production II or Digital Media Arts II
Cov ntaub ntawv uas div: Tsis siv phau ntawv

Visual Basic Programming — 12151

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob no qhia txog kev tsim software siv rau hauv cov computers, yuav tsum muaj tej applications, kev koom uas tshwm sim, thiab kev pab daws teeb meem uas siv tau los tsim qho software. Cov tub nxhais hluas mam tsim tus qauv duab, tis npe, sim, thiab kho cov programs xws li yam uas hnov suab, muaj suab, tso suab pab nruas/nkauj, nrog rau cov duab graphics.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm tau tus qhab nee C los yog zoo dua hauv hoob Computer Technology los yog muaj kev pom zoo los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Teach Yourself Visual Basic 4 in 21 Days, SAMS

Web Design and Development, Intermediate — 12139

Department: Career Technical Education | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txuas ntxiv rau hoob xhtml coding hauv Web Design thiab Development thiab Intermediate Web Design. Yuav los kawm ntau txog kev tsim ib cov nplooj ntawv sib txuas ntev ntev (cascading stylesheets), thiab kev tsim thiab siv DHTML thiab JavaScripts. Cov menyuam kawm ntawv yuav txawj thiab paub siv cov lus uas yog los tshuaj thiab kho cov kev tsim web design uas niajhnub hloov.
Yam yuavtsum tau kawm uantej: Web Design & Development or Web Development
Cov ntaub ntawv uas siv: Code.org; Code HS

Web Development — 12132

Department: Career Technical Education | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Career Technical Education | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no pib qhia txog kev uas muab tejyam tso tawm rau sau huab cuab World Wide Web (WWW). Cov tub ntxhais yuav tsim ib cov websites los ntawm kev uas siv HTML, CSS, and JavaScript thiab siv ntau yam uas muaj hauv computer los tso HTML tags rau hauv, tsim tej duab, thiab saib tej ntaub ntawv sau nyob hauv web. Cov ntsiab lus yuav qhia yog kom paub muab tej yam yuav hais hauv cais kom muaj kev nkag siab thaum nyeem, cov uas nyeem yeej nias tau lossis xaiv tau tej yam nyob rau hauv, thiab tsim kev siv rau lwm lub device uas siv Cascading Style Sheets. Hoob kawm no npaj cov tub ntxhais uas xav kawm tsim web thiab publisher kom paub hais tias yuav tau tso tej yam dabtsi nyob rau hauv lub website, tsim thiab nrhiav kev daws tej teebmeem hais txog Web nyob Thoob Plaws Lub Ntiajteb no, thiab yuav tau nqis tes ua. Cov tub ntxhais yuav kawm txog tej technologies tshiab rau yam haujlwm Web Page Design, uas yog XHTML.
Qhov uas yuav tsum tau kawm uantej: None
Cov ntaub ntawv siv los kawm: https://www.w3schools.com; www.code.org

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

World Cuisines

12422

Department: Career Technical Education
Grade Level: 09-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Career Technical Education
UC/CSU: None
NCAA: No

Hoob no yuav qhia txog cov zaubmov thiab kev coj noj coj ua ntawm ntau haiveeg hauv qabntuj. Yuav hais ntau txog kev npaj, yuav, thiab ua cov zaubmov neeg txawv tebchaws thiab neeg tebchaws no. Kev ua zaubmob yuav suav kev qhia txog tej txujlom (herbs), khoom ntsim (spices), tej khoom siv los ua (ingredients), kev ua thiab laujkaub tasi-diav ntawm ntau haivneeg hauv qabntuj. Cov units tshwjxeeb yuav qhia txog kev tu-ncau zaubmov hauv qabntuj thiab kev paub txog tej haivneeg kev coj noj coj ua. Hoob no suav tau ua ib hoob nrab rau kev yuav mus kawm txog txoj haujlwm ua zaubmov thiab khoom noj.
Yam yuavtsum tau kawm uantej: Xav kom kawm Foods and Nutrition I
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Electives

Ability Awareness — 07000

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev kawm no muab tau lub sijhawm rau cov tub ntxhais kawm los mus pab cov tub ntxhais kawm uas muaj kev tsis taus (disabilities) ntawm lawv lub tsev kawm ntawv. Cov tub ntxhais kawm yuav los mus qhia txog ntau hom kev uas tsis taus no thiab cov technology uas siv coj los pab txhawb cov tub ntxhais, nrog rau qhov kev uas yuav siv ntau hom khoom siv (equipment). Cov tub ntxhais kawm yuav qhia cov tub ntxhais uas muaj kev tsis taus txog tej kev ua ub no uas tseem ceeb yuav tau ua txhua hnub ntawm yus lub neej thiab yuav pab cov tub ntxhais no mus rau lawv chav kawm nrog rau cov kev tshwm sim uas muaj pem tsev kawm ntawv. Txuas ntxiv lawv yuav pab cov tub ntxhais uas muaj kev tsis taus no muaj kev sib txuas lus nrog lwm cov menyuam uas tsis muaj qhov kev tsis taus no. Cov tub ntxhais kawm yuav muaj kev kawm txog ntau hom kev tsis taus no thiab yuav muaj kev paub txog ntawm qhov uas yuav muaj kev tsis taus ntawm tsev kawm ntawv thiab lub zej lub zos. Qhov kev kawm no kawm tau ntau tshaj ib zaug tiam sis tau qhab nees ib zaug xwb.

Academic Competitions — 07539

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los txhawb kev ua thawjcoj, kev npaj tuskheej, kev txawj xav, thiab muab sijhawm npaj rau cov menyuam kawm ntawv uas muaj cov kev kawm thiab ua li hauv qab no: Academic Decathlon, Academic Olympics, Mock Trial, Moot Court, Matheletes, Science Olympiad, Science Fair, Speech thiab Debate, thiab History Day. Lwm yam kev ua, xwsli kev npaj mus xeem cov hoob qibsiab, yuav raug tsocai rau raws li tus xibfwb pom tias tsimnyog. Cov menyuam kawm ntawv uas kawm xaiv tau qhov kev muab qhab-nees Pass/No Pass, lwm yam credits, thiab tuaj kawm ib ntus xwb yog tus xibfwb pom zoo tsocai rau. Hoob no tsuas siv tau ua hoob zero period nkaus xwb. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Xibfwb tsocai hauv Sheldon High School
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Adolescent Development — 07515

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Electives (g) | **NCAA: No**

Hoob no tsim los pab cov tub ntxhais hluas to taub txog txoj kev loj hlob uas yuav tshwm rau lawv lub sijhawm tiav nkauj tiav nraug (adolescent years). Yuav muaj ntau hom kev koom tes ua si los pab tshawb kawm txog txoj kev tu siab/nyuaj siab thiab kev xav ntawm cov tub/ntxhais lub sijhawm lawv tiav nkauj tiav nraug. Tej yam yuav tham txog yog: kev sibtham/txuas lus, kev sib haum siab nrog tsev neeg, kev sib hlub thiab sibtham ua hluas nkauj hluas nraug, kev zoo siab rau yus tus kheej, kev txiav txim siab, kev xeeb tub ntawm cov hluas, kev mob kas cees, kev ua yeeb ua tshuaj, kev pab muaj nyob hauv zej zos, nrog rau lwm yam teeb meem uas cov hluas ntsib tam sim no.
Hoob kawm ua ntej mam kawm tau lwm hoob: Health
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

Advocacy 10 — 14010

Department: Electives | **Grade Level:** 10 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug muab rua cov tub kawm ntawv nrug rua cov kev muab lug cob qha kawm rua tug kheej nrug rua cov kev sib koom teg ua lug ntawm cov tub kawm ntawv, cov xib fwb, cov counselor, hab lub tsev kawm ntawv. Cov tub kawm ntawv yuav lug kawm txug cov kev saib ntawv kws yuav siv tau rua taag nrho cov cwj pwm coj hab yuav tau txais kev cob qha txug txuj kev kawm rua txhua lub xyoo lug ntawm cov xib fwb kws tau muaj muab rua puab. Qhov kev qha kawm nuav rua yog txais tau Pass/No Pass xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Advocacy 11 — 14011

Department: Electives | **Grade Level:** 11 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug muab rua cov tub kawm ntawv nrug rua cov kev muab lug cob qha kawm rua tug kheej nrug rua cov kev sib koom teg ua lug ntawm cov tub kawm ntawv, cov xib fwb, cov counselor, hab lub tsev kawm ntawv. Cov tub kawm ntawv yuav lug kawm txug cov kev saib ntawv kws yuav siv tau rua taag nrho cov cwj pwm coj hab yuav tau txais kev cob qha txug txuj kev kawm rua txhua lub xyoo lug ntawm cov xib fwb kws tau muaj muab rua puab. Qhov kev qha kawm nuav rua yog txais tau Pass/No Pass xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Advocacy 12 — 14012

Department: Electives | **Grade Level:** 12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug muab rua cov tub kawm ntawv nrug rua cov kev muab lug cob qha kawm rua tug kheej nrug rua cov kev sib koom teg ua lug ntawm cov tub kawm ntawv, cov xib fwb, cov counselor, hab lub tsev kawm ntawv. Cov tub kawm ntawv yuav lug kawm txug cov kev saib ntawv kws yuav siv tau rua taag nrho cov cwj pwm coj hab yuav tau txais kev cob qha txug txuj kev kawm rua txhua lub xyoo lug ntawm cov xib fwb kws tau muaj muab rua puab. Qhov kev qha kawm nuav rua yog txais tau Pass/No Pass xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Advocacy 9 — 14009

Department: Electives | **Grade Level:** 09 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug muab rua cov tub kawm ntawv nrug rua cov kev muab lug cob qha kawm rua tug kheej nrug rua cov kev sib koom teg ua lug ntawm cov tub kawm ntawv, cov xib fwb, cov counselor, hab lub tsev kawm ntawv. Cov tub kawm ntawv yuav lug kawm txug cov kev saib ntawv kws yuav siv tau rua taag nrho cov cwj pwm coj hab yuav tau txais kev cob qha txug txuj kev kawm rua txhua lub xyoo lug ntawm cov xib fwb kws tau muaj muab rua puab. Qhov kev qha kawm nuav rua yog txais tau Pass/No Pass xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Advocacy EL — 14801

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim los pab coj cov tabtom kawm ntawv Askiv uas nyuam qhuav tuaj tshiab tuaj kom paub hais tias yuav kawm ntawv licas thiab kom muaj kev sis txuas tau nrog rau cov tub ntxhais, xibfwb, counselor, thiab lub tsev kawm ntawv. Cov tub kawm ntawv yuav lug kawm txug cov kev saib ntawv kws yuav siv tau rua taag nrho cov cwj pwm coj hab yuav tau txais kev cob qha txug txuj kev kawm rua txhua lub xyoo lug ntawm cov xib fwb kws tau muaj muab rua puab. Qhov kev qha kawm nuav rua yog txais tau Pass/No Pass xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Advocacy Multiple Grade Levels — 14013

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug muab rua cov tub kawm ntawv nrug rua cov kev muab lug cob qha kawm rua tug kheej nrug rua cov kev sib koom teg ua lug ntawm cov tub kawm ntawv, cov xib fwb, cov counselor, hab lub tsev kawm ntawv. Cov tub kawm ntawv yuav lug kawm txug cov kev saib ntawv kws yuav siv tau rua taag nrho cov cwj pwm coj hab yuav tau txais kev cob qha txug txuj kev kawm rua txhua lub xyoo lug ntawm cov xib fwb kws tau muaj muab rua puab. Qhov kev qha kawm nuav rua yog txais tau Pass/No Pass xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Aerospace I: Aviation — 07905

Department: Electives
Grade Level: 09-10
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm no yog ib hoob uas pib qhia txog keebkwm kev tsim cov dav hlau, qhia txog keebkwm haujlwm ntawm cov tubrog nyob rau hauv tebchaw Meska, tes haujlwm ntawm cov tubrog ya dav hlau uas yog ib qhov uas yuav tsum muaj raws li txojcai nyob lub tebchaw no, thiab qhia txog kev tsim muaj cov dav hlau hauv tej zej zos. Hoob kawm no tseem yuav qhia txog tej uas tseemceeb ntawm kev ua thawj coj thiab rau cov uas caum qab, qhia txog kev coj noj coj ua thiab tej kev ua siab zoo, tej yuav tau xyaum thiab tej koom txoos, qhia kom paub kev tswj sijhawm, paub txuas lus, thiab paub tias cov koomhaum rau tubrog yog licas.
Cov Ntaub Ntawv Kawm: Aerospace Science 100: Milestones In Aviation History, Second Edition

Aerospace II: The Science of Flight — 07906

Department: Electives
Grade Level: 10-11
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm no qhia txog science kev uas ya saum huab sau cua thiab qhia txog tej qhov uas muaj nyob ntawm tej tus thiab tej pab tej cwjpwm. Cov ntsiab lus kawm hauv hoob no yog: kev ya dav hlau saum huab cua, cov huab cua zoo licas, tej uas tibneeg yuav tsum muaj thiaj yuav ya tau lub dav hlau, cov qauv rau kev ya dav hlau thiab kev ua qhia tau hais tias nyob rau qhov twg (navigation), kev sis txuas lus, kev totaub txog pab tibneeg ntawd tej cwjpwm, thiab totaub txog kev ua thawj coj.
Cov Ntaub Ntawv Siv Los Qhia: The Science of Flight: A Gateway to New Horizons, Jones & Bartlett Learning

Aerospace III: Exploration of Space — 07907

Department: Electives
Grade Level: 11-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm no yog tsim los qhia txog cov tub rog thiab pejxeem qhov space system uas muaj tamsism no thiab qhov social aspects of space. Kev ua thawj coj yog kawm txog kev tswj lossis coj, kev ua ib tus pejxeem zoo, thiab txawj coj zoo. Cov ntsiab lus kawm hauv hoob no yog: saum nruab ntug zoo licas , cov kev kawm muaj txog nruab ntug, tej technology rau saum nruab ntug , tibneeg ya mus saum nruab ntug, qhia kom paub tswj, tswj tej yam thiab tej tswvyim, kev ua ib tus pejxeem zoo, thiab coj zoo. Hoob kawm no pab npaj cov tub ntxhais rau kev kawm txog kev ua tub nrog rau phab ya dav hlau nyob rau lub tebchaw Meska no, ua haujlwm rau nom tswv, ua haujlwm nyob rau hauv tshav dav hlau, kev sau npe ua tubrog, ua tub ceevxwm tubrog, thiab cov kevcai ua tubrog.
Cov Ntaub Ntawv Siv Los Qhia: Exploring Space: The High Frontier, Jones & Bartlett Learning

Aerospace IV: Management of the Corps — 07908

Department: Electives
Grade Level: 12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Physical Education
UC/CSU: None
NCAA: No

Hoob kawm no yog tsim los qhia cov tub ntxhais kawm qib kaum ob uas tseem tabtom kawm haujlwm tubrog lossis haujlwm tub ceevxwm kom paub tej txujci tswj cov suab, muaj kev txiav txim siab thiab ua tau haujlwm, thiab kom paub ntawm nws tus kheej los ntawm tej uas xyuam tswj rau VHS ROTC Cadet Corps. Vim twb kawm peb xyoo nyob rau hauv kev kawm ua tubrog lossis tub ceevxwm (cadets corps) lawm, cov kawm qib kaum ob twb kawm yuav tiav qhov siab rau kev kawm ua tubrog, kev paub haujlwm thiab kev uas muaj cai xaj kom ua ub no. Lawv yuav tau los leg tasnrho cov haujlwm (activites) uas cov kawm ua tubrog yuav tau ua----kev npaj, nrhiav neeg ua haujlwm thiab ua kom tiav cov haujlwm. Hoob kawm no yuav qhia kom lawv paub siv tej qauv kawm rau kev ua thawj coj (Leadership Education IV: Cov qauv rau kev tswj thiab cov kevcai sau qhia nyob rau hauv CA-2017 uas yog Cov Qauv Coj Rau Cov Tabtom Kawm Haujlwm Tubrog txhua hnub tsi hais thaum nyob rau ntawm lub tsev kawm ntawv lossis tsi nyob.
Cov Ntaub Ntawv Siv Los Qhia: Leadership Education 400: Fundamentals of Management, C2 Technologies, Inc.

Animation for Web Design — 07523

Department: Electives | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm uas yog (quarter- equivalent) no yuav kawm li yim lub litiam thiab yuav kawm kom totaub txog digital animation uas yog kev kos duab thiab yuav kawm txog tej yam tshwjxeeb yuav siv rau kev tsim web page design. Yuav siv Adobe Animate CC los tsim rau kev kos duab rau hauv web uas yuav muab siv tau los rau kev lomzem, kev txhawb, kev ua kom zoo dua, thiab kev muag khoom nyob rau hauv lub website.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP Research — 07538

Department: Electives | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no cia cov tub ntxhais los mus tshawb nrhiav kom tob txog ib lub ntsiab lus ntawm ib qhov kev kawm, teebmeem, lossis tswvyim uas tej tus nyiam lossis muaj. Cov tub ntxhais yuav tsim, npaj thiab nqis tes tshawb nrhiav nyob rau lub xyoo ntawd txog tejyam lus nug uas muaj rau kev tshawb nrhiav. Los ntawm kev tshawb nrhiav, lawv yuav kawm tau tej txujci uas lawv yuav tsum muaj rau hoob kawm AP Seminar los ntawm qhov uas kawm tshawb nrhiav txog methodology, siv tej kev tshawb nrhiav thiab nkag tau mus, los ua tibzoo sojntsuam, thiab muab cov kev qhia coj los uake.
Hoob uas yuav tsum tau kawm uantej: AP Seminar
Cov ntaub ntawv siv los qhia: EBSCO (online database)

AP Seminar — 07537

Department: Electives | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** English (b) | **NCAA: No**

Hoob no qhia cov tub ntxhais kom muaj kev sis txuas lus sis tham txog tej kev tshawb nrhiav tau txog tej kev kawm uas nyuaj thiab tej cov ntsiab lus uas niaj hnub nim no muaj hauv lub ntiajteb no los ntawm kev sojntsuam txog tej uas sis txawv uas pom muaj. Los ntawm qhov uas siv ib qhov framework, cov tub ntxhais yuav los xyaum sojntsuam txog tej ntaub ntawv uas sau, tej kev tshawv nrhiav tau,thiab tej foundational, tej ntaub ntawv, thiab nyeem tej philosophical texts; mloog thiab saib tej lus uas lawv hais, tej kev hais xovtooj cua, thiab personal accounts; thiab kom paub tias cov haujlwm (artistic works) zoo licas.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AVID 10 — 09010

Department: Electives | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Txoj Kev AVID (Advancement Via Individual Determination) yog ib txoj kev kawm npaj mus kawm college plaub-xyoos uas muaj hauv txhua lub high school rau cov menyuam kawm ntawv uas pom tau tias nws yuav mus kawm tau ntawm cov neeg uas tsis muaj coob tus mus kawm qibsiab. Homphiaj ntawm txoj kev qhia no yog los muab kev qhia thiab lwm yam kev txhawb rau cov menyuam kawm ntawv thiab npaj kom lawv mus nkag kawm tau college plaub-xyoos thiab university, qhia txog cov kev mus pib kawm hauv college, thiab txhawb kom cov menyuam kawm ntawv mus kawm kom tiav college.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AVID 11 — 09011

Department: Electives | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Txoj Kev AVID (Advancement Via Individual Determination) yog ib txoj kev kawm npaj mus kawm college plaub-xyoos uas muaj hauv txhua lub high school rau cov menyuam kawm ntawv uas pom tau tias nws yuav mus kawm tau ntawm cov neeg uas tsis muaj coob tus mus kawm qibsiab. Homphiaj ntawm txoj kev qhia no yog los muab kev qhia thiab lwm yam kev txhawb rau cov menyuam kawm ntawv thiab npaj kom lawv mus nkag kawm tau college plaub-xyoos thiab university, qhia txog cov kev mus pib kawm hauv college, thiab txhawb kom cov menyuam kawm ntawv mus kawm kom tiav college.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AVID 9 — 09009

Department: Electives
Graduation Requirement: Electives
Grade Level: 09
UC/CSU: Elective: Other (g)
Credits: 10.0
Max Credits: 10.0
NCAA: No

Txoj Kev AVID (Advancement Via Individual Determination) yog ib txoj kev kawm npaj mus kawm college plaub-xyoos uas muaj hauv txhua lub high school rau cov menyuam kawm ntawv uas pom tau tias nws yuav mus kawm tau ntawm cov neeg uas tsis muaj coob tus mus kawm qibsiab. Homphiaj ntawm txoj kev qhia no yog los muab kev qhia thiab lwm yam kev txhawb rau cov menyuam kawm ntawv thiab npaj kom lawv mus nkag kawm tau college plaub-xyoos thiab university, qhia txog cov kev mus pib kawm hauv college, thiab txhawb kom cov menyuam kawm ntawv mus kawm kom tiav college.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AVID Senior Seminar — 09012

Department: Electives
Graduation Requirement: Electives
Grade Level: 12
UC/CSU: Elective: Other (g)
Credits: 10.0
Max Credits: 10.0
NCAA: No

Hoob no muaj kev nyeem ntawv thiab sau ntawv ntau, thiab muaj kev koom nrog rau kev mus ua cov Socratic Seminars. Cov menyuam kawm ntawv AVID yuav tau txais kev pab thiab kev qhia txog kev thov mus kawm college, nrhiav nyiaj txiag los pab them kev kawm thiab tsev nyob, sau npe mus kawm thiab xeem saib yuav tau mus kawm hoob dabtsi, npaj Senior Project, thiab npaj rau lwm yam kev xeem sab nraud thaum lub caij nplooj ntoos hlav. Hoob AVID Senior Seminar muab faib ua plaub feem (quarters) kev kawm, uas yuav pab tau ib tus menyuam kawm ntawv mus nkag tau ib college lossis university plaub xyoos. Feem ib - Nkag Tau Mus Kawm; Feem ob - Dhau los ua Ib Tus Menyuam Kawm College; Feem peb - Xeem Tias Yuav Mus Kawm Hoob Dabtsi thiab Cov Kev Xeem Sab Nraud; Feem plaub - Xaiv Yam Kev Kawm (Major) thiab yam haujlwm.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AVID Tutor — 09014

Department: Electives
Graduation Requirement: Electives
Grade Level: 10-12
UC/CSU: None
Credits: 5.0
Max Credits: 30.0
NCAA: No

Career Studies — 07546

Department: Electives
Graduation Requirement: Electives
Grade Level: 09-12
UC/CSU: None
Credits: 10.0
Max Credits: 10.0
NCAA: No

Hoob kawm no yuav muaj sijhawm rau cov tub ntxhais los tshawb nrhiav txog yam haujlwm uas muaj, uas yog pib los ntawm kev uas saib txog tej txujci kawm, tej uas nws muaj peevxwm ua tau, thiab seb nws nyiam ua dabtsi. Cov tub ntxhais yuav muab cov haujlwm hauv lub zejzos, lub xeev thiab hauv lub tebchaws no cov los is piv, thiab yuav saib txog tej kev kawm thiab kev kawm haujlwm uas yuav tsum tau muaj rau yam haujlwm uas lawv nyiam tshaj. Cov tub ntxhais yuav kawm kom paub hais lus (interview) rau haujlwm, koom nrog rau kev xyaum hais lus (interview), sau resume, thiab ua daim application haujlwm kom tiav. Cov tub ntxhais yuav tsim kom tau ib qhov portfolio thiab kawm txog ntau yam haujlwm los ntawm ib cov tibneeg uas yuav tuaj qhia ua ntu zus nyob rau hauv hoob kawm no.
Cov ntaub ntawv uas siv: Tsis muaj

College and Career Seminar — 07535

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Nyob rau hoob no, cov tub ntxhais yuav rovqab los saib txog lawv kev npaj rau kev kawm ntawv thiab kev ua haujlwm kaum- xyoo tom ntej, uas lawv twb npaj thaum kawm qib cuaj lawm. Cov tub ntxhais yuav los tshawb nrhiav txog cov haujlwm uas tabtom muaj heev rau lub sijhawm no nrog rau tej yam haujlwm ntsig txog STEM thiab tshawb nrhiav txog tej nuj nqi yuav tau them rau kev kawm ntawv toj ntxiv mus, tej uas yuav tsum muaj thiaj nkag mus kawm tau, cov haujlwm uas xav kawm txog, thiab tej degrees uas muaj rau lawv kawm. Cov tub ntxhais yuav kawm txog kev thov nyiaj pab (financial aid) thiab scholarship rau kev kawm ntawv. Cov tub ntxhais yuav los kho lawm kev npaj rau kev kawm ntawv thiab ua haujlwm rau kaum- xyoo tom ntej no los ntawm qhov uas lawv los tsim ib qhov time line ntxiv thiab kawm kom tau tej txujci uas yuav pab kom lawv vammeej tomqab uas lawv kawm ntawv tiav. Hoob no kawm yuav elective credit.
Qhov uas yuav tsum tau kawm uantej: Kawm kom tiav hoob Focus on College and Career thiab kawm tau tus C lossis zoo
Cov ntaub ntawv uas siv: Get Focused,Stay Focused,Modules 1,2,and 3, Academic Innovations

Community Service — 07014

Department: Electives | **Grade Level:** 09-12 | **Credits: 0.0** | **Max Credits: 0.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav muaj muab lug rua cov tub kawm ntawv kom muaj caij nyoog lug ua kom puab tug kheej muaj kev txawj ntse hab muaj kev sib txuas lug zoo, lug tsim sim kom muaj tug peev xwm nyob rua huv puab txuj kev kawm lug ua teg dlej num paab cuam dlawb. Nuav yog tsim sim lug paab rua cov tub kawm ntawv kom muaj kev paub txug puab tug kheej xws le lug ua ib tug pej xeem paab pawg ntawm lub zej zog hab lug ua qha rua kom paub txug teg dlej num kws yuav tau lug ua rua cov tuab neeg kws muaj cov kev tshwm sim thoob plawg lub nplaj teb nuav. Qhov kev paab cuam nrug lub zej zog nuav yog tsim sim lug muab sij hawm kom ntau rua cov tub kawm ntawv kom tau lug muab puab cov kev paab cuam ua muaj nyob rua huv puab lub zej zog. Cov tub kawm ntawv twg kws tau kawm tav qhov kev paab cuam nuav yuav tsum tau kawm ua lug ntawm lub zej zog, yeej paub txug txuj kev muaj nuj nqe rua lwm tug, kawm txug cov kev sib raug zoo lug ntawm tsoom pej xeem, hab tsim sim tau cov kev sib txuas lug raug zoo nrug lub zej zog. Cov tub kawm ntawv los yeej muaj kev mob sab kub sab moog ua dlej num dlawb nyob rua huv cov animal shelters, cov churches, cov tsev kawm ntawv, cov food pantries, cov libraries, cov hospitals, cov nursing homes, cov political campaigns, los yog cov koom hum ntawm lub zej zog xws le Red Cross, Salvation Army, los yog Habita for Humanity. Lub hoob kawm cov kev ua kws yuav tsum tau muaj hab cov sij hawm kws yuav tsum tau muaj lug ntawm qhov kev paab cuam los yeej muaj txawv ib xyoo moog rua ib xyoo hab ib lub tsev kawm ntawv moog rua lwm lub tsev kawm ntawv. Moog ntsib nrug koj tug counselor ntawm koj lub tsev kawm ntawv los yog tug Advocacy xib fwb yog tas xaav paub ntau ntxiv txug ntawm cov lug has qha tshaaj tawm hab cov kev kws yuav tsum muaj. Qhov kev qha kawm nuav los yeej tau txais qhab nees Pass/No Pass.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Computer Science and Robotics for Beginners — 07576

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais txog programming thiab kev sau code uas cia cov robots ua raws li cov kev qhia. Cov tub ntxhais yuav los sojntsuam txog tej uas muaj tiag, saib cov kev qhia, tsim qhov program, sojntsuam seb puas ua tau zoo, puas yuav tau kho/ hloov tej yam nyob rau qhov programming los daws teebmeem. Hoob kawm no yuav nqis-tes ua tej robotics activities uas yog tsim tej programming los daws teebmeem. Cov tub ntxhais yuav ua tej project nrog ib pab team los tsim tej txujci uas siv rau tej lagluam los ntawm txojkev xav, kev daws teebmeem, kev sis txuas lus, kev sis koomtes, thiab kev ua thawj coj.
Hoob yuav tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv ntaub ntawv kawm

Conflict Manager — 07009

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no qhia cov menyuam kawm ntawv txog cov kev daws teebmeem xwsli kev sibcav sibceg, kev sib ntaus, kev tswj cov lus tsis tseeb, thiab tej yam uas cov phoojywg xav kom yus ua. Hoob no yog kawm yuav qhab-nees Pass/No Pass.
Yam yuavtsum tau kawm uantej: 2.5 qhabnias nruab nrab, tuaj kawm ntawv zoo, thiab ua tiav kev pabcuam
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

CTE Internship — 07006

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsi yog ib hoob career technical education (CTE) uas kawm nyob rau hauv pathway. Kev kawm thiab kev xyaum ua haujlwm yog ib qhov uas tseemceeb tshaj rau cov tub ntxhais uas kawm nyob rau CTE pathway. Hoob no cia cov tub ntxhais xyaum ua haujlwm nyob rau ntawm lub tsev kawm ntawv uas zoo li yam haujlwm lawv kawm los ntawm kev ua projects thiab ua lwm yam haujlwm. Cov tub ntxhais kev xyaum haujlwm no yog yuav tsum tau ua kom tiav ib qhov project uas yuav siv tej lawv tau kawm txog yam haujlwm nrog rau lawv tej txujci kawm ntawv. Cov tub ntxhais yuav muaj sijhawm los kawm kom lawv paub sau ntawv thiab kom muaj kev sis txuas lus zoo thiab yuav ua ib qhov portfolio teev tseg lawv kev loj hlob rau kev kawm thiab ua tej yam project tseemceeb rau yam haujlwm kawm no. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsi pub tshaj 20 credits.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Driver Education — 07001

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yeej ncav cuag li California Department of Motor Vehicles qhov uas yuav tsum tau muaj rau kev kawm tsav tsheb. Kev txawj ntse, tej txujci, thiab tus cwjpwm uas cov tub ntxhais kawm nyob rau hoob no yuav pab tau lawv kom tsi txhob raug nplua tau cov tickets tsav tsheb, ua rau lawv kev uas muaj tsheb sis nraus tsawg dua thiab kom muaj cov cwjpwm tsav tsheb zoo thiab kom muaj kev cobphum. Los ntawm qhov uas kawm hoob Tsav Tsheb no tiav, cov tub ntxhais yuav tau txais ib daim Certificate of Driver Education thiab yuav muaj tej uas lawv yuav tsum tau muaj thiaj tau daim permit.

Cov ntaub ntawv siv los kawm: Drive Right, Addison/Wesley

Focus on College and Career — 07518

Department: Electives | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Other (g) | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais kawm ntawv txog tej yam kev txiav txim siab uas yuav pab rau lawv kev npaj rau yav tom ntej kom yuav ua tau ntau yam, ua tiav ntau yam thiab muaj kev txhawbzog rau yam lawv xav ua ntawd. Qhov uas xav ua kom tau yog kom tsim muaj ib qhov online rau kev ua haujlwm thiab kawm ntawv uas yog ib qhov plan kev npaj rau kaum-lub xyoo tom ntej uas siv los txhawb thiab pab rau kev kawm ntawv thiab siv tau los hloov tej yam tshiab txog tus tub ntxhais kev loj hlo, kev hloov lossis tej yam uas yuav tau hloov. Kev npaj rau kaum-lub xyoo yog npaj kom muaj kev txhawb rau yam uas nws xav ua kom tau nyob rau college, rau kev ua haujlwm thiab nws lub neej.
Qhov yuav tsum tau kawm uantej: Tsi Muaj
Cov ntaub ntawv uas siv: Career Choices & Changes, 6th Edition, Academic Innovations, Copyright 2019

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Freshman Seminar — 07517

Department: Electives | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Freshman Seminar
Hoob kawm no yog tsim los txhawb rau cov tub ntxhais uas yuav hloov ntawm middle school mus kawm rau high school. Cov tub ntxhais yuav kawm thiab xyaum tej vibthis zoo uas yuav pab tau lawv kom paub tswj lawv lub sijhawm kom zoo, muaj tej txujci rau kev kawm ntawv, paub teem tej homphiaj zoo, paub npaj kom zoo, muaj kev sis txuas lus zoo, thiab kom paub tej txujci rau kev siv (digital) uas yuav pab tau kom lawv kawm ntawv tiav thiab kom mus kawm tau rau college. Nyob rau hoob kawm no, cov tub ntxhais yuav pib tshawb nrhiav txog lawv tus kheej kom lawv paub txog tej tseemceeb ntawm lawv, tej homphiaj, lawv kev txawj ntse, tej uas zoo ntawm lawv tus kheej, thiab tej uas lawv nyiam kawm uas yuav pab tau lawv txiav txim siab thaum lawv los xaiv yam haujlwm uas lawv xav kawm lossis kawm yam haujlwm uas lawv xav ua thaum kawm qib kaum.
Hoob yuav tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv kawm

Government and Leadership — 07512

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los rau cov menyuam kawm ntawv uas tuav cov meejmom thawjcoj lossis kev tswjfwm menyuam kawm ntawv uas raug xaiv lossis rau taw. Cov menyuam kawm ntawv no mus kawm tau hoob Leadership. Hoob no yuav qhia txog cov kev ua thawjcoj rau cov menyuam kawm ntawv thiab muab sijhawm rau lawv los npaj cov kev ua rau lub Associated Student Body activities. Hoob no rov kawm dua txhua xyoo los tau yog hais tias tus tub ntxhais ntawm raug xaiv los kawm txog kev nomtwv. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Raug xaiv lossis taw los ua cov tswjfwm lossis thawjcoj ntawm cov menyuam kawm ntawv.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

IB Theory of Knowledge 11 — 20001

Department: Electives | **Grade Level:** 11 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

Hoob IB uas tuamyeem kawm no raug samfwm kom cov menyuam kawm yuav daim IB diploma yuavtsum tau kawm thaum second semester hauv xyoo junior thiab thaum first semester hauv xyoo senior. Nws tseem qhib rau cov tsis kawm yuav IB uas nyob tib qib los kawm thiab. Hoob no yuav qhia cov menyuam txog epistemology (kev kawm txog lub hauv paus thaum chivkeeb (origin), lub ntuj (nature), methods, thiab tibneeg lub peevxwm (limits of human knowledge) thiab qhov tibneeg muaj kev txawjntse lossis xav tau kev txawjntse (los ntawm mloog tau, xav tau, lus, zoo/chim siab), qhov peb xav tias peb txawjntse (spotting logical fallacies, appropriate logic, evidence, coherence, and pragmatism), txhob yuamkev txog kev txawjntse (skepticism, relativism, gullibility, bias), thiab xav txog kev txawjntse txog qee yam (lej, the natural sciences, the human sciences, history, the arts, thiab ethics). Yuav kawm ntau txog tus kawm paub (tus menyuam), kom cov menyuam los xav txog tej uas lawv tau kawm (ntawm tuskheej thiab hauv zejzos thiab ib haivneeg); tseem yuav qhia cov menyuam txog kev xav txog thiab tshuaj txog kev txawjntse li ntau haivneeg pom, muab tej uas tibneeg totaub txawv, tus coojpwm, tej uas tej pab tibneeg ua ntawd los sib piv thiab tej uas sawvdaws yuav tau ua thaum txawjntse lawm. Cov kawm hoob no yuav tau niaj zaus sau ntawv thiab sau daim ntawv loj uas siv txog 1200-1600 lolus txog ib yam (hoob IB muab yam yuav tau sau txog) thiab yuav tau mus koom cov Socratic seminars, cov kev ua nrog cov menyuam kawm ntawv, thiab kev los hais lus txog kev txawjntse (nrog rau txoj kev hais lus uas samfwm los ntawm hoob IB).
Cov ntaub ntawv uas siv: Theory of Knowledge: Course Companion 2020 Edition, Oxford University Press

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Theory of Knowledge 12 — 20002

Department: Electives | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

Hoob IB uas tuamyeem kawm no raug samfwm kom cov menyuam kawm yuav daim IB diploma yuavtsum tau kawm thaum second semester hauv xyoo junior thiab thaum first semester hauv xyoo senior. Nws tseem qhib rau cov tsis kawm yuav IB uas nyob tib qib los kawm thiab. Hoob no yuav qhia cov menyuam txog epistemology (kev kawm txog lub hauv paus thaum chivkeeb (origin), lub ntuj (nature), methods, thiab tibneeg lub peevxwm (limits of human knowledge) thiab qhov tibneeg muaj kev txawjntse lossis xav tau kev txawjntse (los ntawm mloog tau, xav tau, lus, zoo/chim siab), qhov peb xav tias peb txawjntse (spotting logical fallacies, appropriate logic, evidence, coherence, and pragmatism), txhob yuamkev txog kev txawjntse (skepticism, relativism, gullibility, bias), thiab xav txog kev txawjntse txog qee yam (lej, the natural sciences, the human sciences, history, the arts, thiab ethics). Yuav kawm ntau txog tus kawm paub (tus menyuam), kom cov menyuam los xav txog tej uas lawv tau kawm (ntawm tuskheej thiab hauv zejzos thiab ib haivneeg); tseem yuav qhia cov menyuam txog kev xav txog thiab tshuaj txog kev txawjntse li ntau haivneeg pom, muab tej uas tibneeg totaub txawv, tus coojpwm, tej uas tej pab tibneeg ua ntawd los sib piv thiab tej uas sawvdaws yuav tau ua thaum txawjntse lawm. Cov kawm hoob no yuav tau niaj zaus sau ntawv thiab sau daim ntawv loj uas siv txog 1200-1600 lolus txog ib yam (hoob IB muab yam yuav tau sau txog) thiab yuav tau mus koom cov Socratic seminars, cov kev ua nrog cov menyuam kawm ntawv, thiab kev los hais lus txog kev txawjntse (nrog rau txoj kev hais lus uas samfwm los ntawm hoob IB).
Cov ntaub ntawv uas siv: Theory of Knowledge: Course Companion 2020 Edition, Oxford University Press

Life After High School — 07531

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Electives (g) | **NCAA: No**

Hoob kawm no yog los pab cov tub ntxhais kom kawm tau cov txujci thiab paub tej uas yuav tsum tau paub tom qab uas lawv kawm tiav high school. Cov ntsiab lus tej zaum yuav yog, seb yuav ua licas tomqab kawm tiav high school, xws li mus kawm college, mus kawm haujlwm, mus kawm ua tub rog thiab mus kawm ua tub ceevxwm, kawm ua daim resume kom zoo thiab kawm tej txujci kom paub (interview), tshawb nrhiav txog tej haujlwm, paub tswj nws lus sijhawm, kom muaj kev sis txuas lus, paub tej txujci kawm ntawv, paub txog nyiaj txiag, thiab paub txog lub ntiajteb.
Qhov yuav tsum tau kawm ua uantej: Tsi Muaj
Cov ntaub ntawv uas siv: Becoming a Master Student, Houghton-Mifflin

Link Crew — 07529

Department: Electives | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug paab hab txhawb nqaa rua cov tub kawm ntawv kws yog freshman nrug rua cov kev ua kom paub yoog kom hum nrug cov kev kawm ntawv nyob rua huv high school. Cov tub kawm ntawv kws tau sau npe tuaj moog kawm nyob rua huv lub hoob nuav yuav tau txais kev cob qha lug ua cov thawj coj Cev Ncauj Cev Lug hab lug ua tug coj kev paab qha rua cov tub kawm ntawv kws yog freshman nrug cov txuj kev kawm kom tau ntawv zoo ntxiv moog, ua qha kom cov tub kawm ntawv paub txug txuj kev coj ntawm puab tug kheej, paub nrug lwm tug tub kawm sib txuas lug, hab has qha kom lug ua kom lub tsev kawm ntawv muaj kev kaaj sab zoo fuab cua. Xyum ua dlej num nrug paab pawg, muaj kev qha kom paub khaws khoom ua zoo, tsim sim kom paub txug kev ua tug coj, kev sib txuas lug, kev paub siv u nua, hab kev tsim sim muaj rua tug kheej yog ib cov kev qha kawm muaj nyob ntawm lub hoob nuav.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Makerspace: Introduction to Design and Build — 07577

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais txog ntau lub tswvyim uas tsim tej khoom uas tuav tau ntawm tes. Cov tub ntxhais yuav kawm siv cov design software los tsim thiab muab tej lawv kawm ntau ntawd hloov lossis tsim tej khoom siv rau lagluam. Cov tub ntxhais uas xav kawm ntxiv txog cov haujlwm rau Engineering lossis nyiam ua khoom uas siv lawv txhais tes los tsim, nqua hu kom lawv los kawm hoob no.
Hoob yuav tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv ntaub ntawv kawm

Moving Toward the Future — 07502

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav kawm plaub-xyoo thiab cov tub ntxhais yuav ntsib nrog tib tus xibfwb ntawd ib lub litiam twg ib zaug mus kom tasnrho plaub lub xyoo ntawd. Moving Toward the Future lub homphiaj tseemceeb tshaj yog los tsim kom muaj kev sis txuas tau nrog thiab kev koomtes nyob nruab nrab ntawm cov tub ntxhais, tus xibfwb, lub tsev kawm ntawv, cov counsleors, lwm yam kev pab uas muaj, thiab lwm tus tub ntxhais kawm ntawv. Kev kawm yuav kawm txog kev tsim kom lub zej zos zoo, tsim kom muaj cov pejxeem uas coj zoo nyob rau tiam 21, thiab npaj kev hais lus (speech) ntev li peb- mus- rau tsib feeb. Hoob kawm no yog Pass/ No Pass (Kawm Dhau/ lossis Tsi Dhau xwb thiab kawm tau ob zaug yuav credit tsi pub tshaj 20 credits.
Cov ntaub ntawv siv los qhia: Tsi muaj

Office Assistant — 07508

Department: Electives | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yuav qhia cov menyuam kawm ntawv txog ntau yam haujlwm ua hauv tsev kawm ntawv uas muaj tus neeg nrog saib. Lub chaw thiab tes haujlwm mas muaj nyob ntau qhov xwsli ua haujlwm hauv office, ua hauv library, pab xibfwb kev qhia ntawv, etc. Cov counselors yuav qhia cov menyuam kawm ntawv uas xav ua txog cov hoob ua haujlwm pab uas luag muaj rau hauv tej lub tsev kawm ntawv. Juniors thiab seniors ua tau cov neeg pab (student aides) li ib lossis ob semesters. Koj yuav siv tsis tau tshaj li kaum credits hauv student aide los rau kev kawm kom tiav. Luag yuav xaiv cov neeg pab (student aides) hauv cov ntawv thov uas xa nrog daim ntawv xaiv cov hoob kawm. Mus muab tau cov ntawv thov ntawm tus counseling secretary. Hoob no yog kawm yuav qhab-nees Pass/No Pass. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 10 credits xwb tsi tshaj ntawd
Yam yuavtsum tau kawm uantej: Tau 2.5 grade point average, nquag tuaj kawm ntawv, thiab ua daim aide application.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Orientation: Independent Study — 07563

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim rau cov tub ntxhais uas nyuam qhuav los kawm tshiab rau independent study educational program. Cov tub ntxhais yuav kawm txog tej txujci thiab vibthis uas yuav npaj tau lawv tus kheej kom kawm tau ntawv zoo rau hauv independent studies program. Hoob kawm no yuav qhia kom lawv muaj txojkev xav tob thiab paub saib txog tej activities uas lawv tau ua ntsig txog kev kawm thiab tej txujci kawm ntawv, lawv yuav kawm kom paub tswj tus kheej, thiab kom npaj txhij rau kev mus kawm college/ thiab kev ua haujlwm. Hoob no yog kawm yuav qhabnees rau hoob elective thiab yuav tsi pub rov qab kawm dua yuav qhabnees ntxiv lawm.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

PE P.A.L.S. 07525

Department: Electives
Grade Level: 09-12
Credits: 0.0
Max Credits: 0.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm no yog rau cov tub ntxhais uas kawm nyob block schedule. Vim muaj txojcai kom yuav tsum ua 400 nasthis kev tawm dagzog txhua 10 hnub, cov tub ntxhais uas tsi kawm hoob Physical Education sijhawm uas lawv off-term yuav tsum tau muab teev cia tej ua lawv tawm dabzog rau hauv Physical Activity Log (PAL), qhov no yog ib qhov uas pab cov tub ntxhais kom thiaj paub tias lawv tawm dagzog licas lawm. Cov tub ntxhais yuav tsum tau siv tus qauv F.I.T.T. (Frequency, Intensity, Time, Type) thaum lawv los tsim lawv qhov plan kom sis ncag li California Cov Qauv Kawm rau kev Tawm Dagzog. Txhua lub tsev kawm ntawv uas kawm raws li block schedule yuav tsum tau txiav txim siab seb yuav muab cov ntawv teev kev tawm dagzog no licas. Hoob kawm no yuav tsi tau txais credit dabtsi.
Cov ntaub ntawv uas siv: Tsis muaj

Peer Counseling I 07519

Department: Electives
Grade Level: 09-12
Credits: 5.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no yog tsim los qhia ob hnub twg ib zaug rau xyoo ntawd txog Kev Ua Thawjcoj (Student Leadership Development). Hoob no yuav qhia kom cov menyuam kawm ntawv txawj los nrog daws teebmeem. Cov menyuam kawm ntawv uas xav los ua cov neeg nrog daws teebmeem (conflict managers), neeg pab tawm tswvyim rau tej phoojywg (peer counselors), neeg ua qauv coj (mentors), neeg qhia ntawv rau tej phoojywg (peer educators), thiab xav yog ib feem hauv Link Crew los kawm tau hoob no. Yuav muaj kev sau ntawv thov nkag thiab nrog tham uantej cov menyuam kawm ntawv mus kawm tau hoob no.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Peer Counseling II 07571

Department: Electives
Grade Level: 10-12
Credits: 10.0
Max Credits: 20.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no tsim los qhia ntxiv rau kev tsim muaj txuj ci thiab tej kev txawj uas yuav tsum muaj thiaj ua tau tus tub/ntxhais pab lwm tus (peer helper) thiab ua tus mananger daws teeb meem. Hoob no kawm hauv zero period thiab yog rau cov tub ntxhais hluas uas twb kawm tiav theem ib lawm. Tej tub/ntxhais uas paub ntau dua txog kev ua tub txib pab, yuav tau npaj thiab khiav ib lub program pab lwm tus tub ntxhais hluas tham txog kev txiav tsis haus luam yees, tsim tau and ua yeeb yam qhia txog cov hluas tiam no tej teeb meem, thiab pab cov vice principals daws teeb meem ntawm tej pab pawg twg. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Peer Counseling/Student Leadership Skills tau tus qhab nee C los yog siab dua
Cov ntaub ntawv uas siv: Tsis muaj

Peer Tutor 07506

Department: Electives
Grade Level: 11-12
Credits: 5.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no yog tsim los qhia kom cov menyuam kawm ntawv paub los pab tej pab menyuam kawm ntawv txog ntau yam kev kawm. Yuav siv cov tswvyim nug thiab cov qauv hauv AVID (methodologies) los pab qhia tej pab phoojywg. Yuav muaj kev sau ntawv thov nkag thiab nrog tham uantej cov menyuam kawm ntawv mus kawm tau hoob no. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 10 credits xwb tsi tshaj ntawd. Hoob no yog kawm yuav qhab-nees Pass/No Pass.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Personal Finance — 07521

Department: Electives | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Kev uas paub tswj koj tej nyiaj txiag yog ib qhov uas tseemceeb heev rau yus tus kheej. Hoob no yuav qhia kom muaj kev totaub zoo txog nyiaj txiag uas yuav pab cov tub ntxhais kom paub txuag nyiaj, tsi txhob tiv nuj nqis, tseg nyiaj them lawv tej kev kawm ntawv rau college, kom muaj kev totaub zoo txog kev tswj rau kev siv nyiaj nyob rau txhua hnub, tshawb nrhiav txog kev txais nyiaj seb yuav raug npaum licas, thiab kawm kom paub nqis peev ua luam. Yuav kawm txog cov kevcai tiv thaiv pab rau cov tibneeg uas raug lwm tus muab lawv tej tej npe nyiag coj mus siv tsi zoo (identity theft).
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Scholars — 07575

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los qhia ntxiv rau kev tsim muaj txuj ci thiab tej kev txawj uas yuav tsum muaj thiaj ua tau tus tub/ntxhais pab lwm tus (peer helper) thiab ua tus mananger daws teeb meem. Hoob no kawm hauv zero period thiab yog rau cov tub ntxhais hluas uas twb kawm tiav theem ib lawm. Tej tub/ntxhais uas paub ntau dua txog kev ua tub txib pab, yuav tau npaj thiab khiav ib lub program pab lwm tus tub ntxhais hluas tham txog kev txiav tsis haus luam yees, tsim tau and ua yeeb yam qhia txog cov hluas tiam no tej teeb meem, thiab pab cov vice principals daws teeb meem ntawm tej pab pawg twg. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Peer Counseling/Student Leadership Skills tau tus qhab nee "C" los yog siab dua.
Cov ntaub ntawv uas siv: Tsis muaj

Sports & Entertainment Marketing — 07522

Department: Electives | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yuav kawm txog kev qhauj muag cov khoom siv ua kislas. Cov tub ntxhais yuav siv cov qauv rau kev qhauj txog cov khoom ua kislas thiab/ lossis rau cov haujlwm (entertainment). Hoob no yuav sojntsuam txog kev lagluam rau kev ua kislas thiab tej (entertainment) uas ua rau sawvdaws tau saib nrog rau kev txhawb rau tej yam li ntawd, kev txhawb kev pab, kev tsim tej yam khoom, licensing, image, kev muag khoom, kev txhawb rau yam khoom uas muag ntawd, thiab kom paub tiv nqi rau yam khoom uas muag ntawd.
Cov ntaub ntawv uas siv: Sports and Entertainment Marketing, Fourth Edition; South-Western, Cengage Learning

Student Leadership Development — 07511

Department: Electives | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no kawm thoob xyoo kawm ntawv thiab nws qhia txog kev tsim/hloov ntawm kev sibtham/txuas ntawm tibneeg thiab tej txuj ci paub txuas lus ntawm cov kws coj noj coj ua. Yuav tau kawm txog kev hais lus thiab sau ntawv nrog rau kev cim thiab siv tej tswv yim zoo heev ntawm kev ua ib tug kws coj noj coj ua. Tej yam kev txawj xws li, kev paub siv lub sijhawm kom zoo, kev paub saibxyuas kom txhob muaj kev nyuaj siab, ua ib tug qauv zoo rau lwm tus, kev sib raug zoo/sibtham ntawm ib pab tibneeg thiab kev paub saibxyuas tej pab tibneeg twg.
Cov ntaub ntawv uas siv: Tsis muaj

Student Store — 07507

Department: Electives | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Study Skills — 07552

Department: Electives
Grade Level: 09-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm no yog tsim los qhia kom muaj thiab txhawb tau kev kawm ntawv thiab kawm tej txujci uas yuav pab txhawb tau kom cov tub ntxhais yuav kawm tau ntawv zoo nyob rau lawv cov hoob kawm. Yuav qhia kom paub tswj sijhawm thiab tej ntaub ntawv kawm, kom paub cov txujci rau kev sau ntawv (note taking), kev npaj rau kev xeem ntawv, thiab kom paub xeem ntawv.
Cov ntaub ntawv uas siv: Tsis muaj

Teacher Assistant — 07509

Department: Electives
Grade Level: 11-12
Credits: 5.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Qhov kev qha kawm nuav yog ua lug qha rua cov tub kawm ntawv kom paub ua ntau yaam kws yog tau muab lug ntawm ib tug xib fwb lug kws muaj dlaim ntawv pov thawj lug ua tug saib. Cov juniors hab cov seniors los yeej ua tau ib tug xib fwb tug paab cuam tau le ib los yog ob semesters; tabsis, yuav tsi pub kom muaj ntau tshaaj le 10 credits lug ntawm qhov kev qha kawm nuav kws yuav muab siv moog rua qhov kev kawm tav (graduation). Cov tub paab cuam rua cov xib fwb los yuav tau raug xaiv lug ntawm cov tub kawm ntawv twg kws tau muab dlaim ntawv sau npe nrug rua cov hoob xaiv kawm kws tau xaiv ua taag lawm. Thov moog ntsib cov counselors ntawm puab lub department yog xaav paub ntau ntxiv txug cov lug tshaaj tawm qha sau npe nuav. Qhov kev qha kawm nuav rua yog tau txais qhab nees xws le Pass/No Pass nkaus xwb. Lub hoob qha kawm nuav los yeej pub rov qaab kawm dlua kom tau txais qhab nees txug le 10 credits.
Yaam Kws Yuav Tsum Tau Muaj Ua Ntej: 2.5 GPA, tuaj kawm ntawv txhua nub, hab muab dlaim ntawv sau npe lug ua tug paab cuam ua kom tav
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Wood Shop — 07559

Department: Electives
Grade Level: 09-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no cia rau cov tub ntxhais los mus kawm txua ntoo. Cov tub ntxhais yuav kawm kom paub txog kev siv tej khoom kom tsi txhob muaj teebmeem tsi hais siv tej ciaj uas xua tes ntswj lossis tej ciaj uas siv hluav taws xob thiab yuav ua tiav ntau yam project lub sijhawn uas kawm hoob no.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Work Experience — 07002

Department: Electives
Grade Level: 11-12
Credits: 10.0
Max Credits: 40.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no yuav ua ob qhov no tibsi tsi hais saib xyuas txog tej haujlwm ua them nyiaj lossis kev kawm hauv hoob txog kev txujci rau kev ua haujwlm. Cov tub ntxhais yuav kawm kom muaj ib tus cwjpwm zoo rau kev ua haujlwm, kom muaj peevxwm ntawm nws tus kheej, thiab kom paub cov txujci rau kev nrhiav haujlwm thiab kom tuav tau txoj haujlwm nyob rau nws lub zejzos.
Cov ntaub ntawv uas siv: Tsis muaj

Work Experience: CTE — 07005

Department: Electives
Grade Level: 09-12
Credits: 5.0
Max Credits: 40.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no yog tsim los txhawb cov tub ntxhais rau ntau yam haujlwm kawm- uas txuas rau academies thiab pathways uas muaj qhia nyob rau EGUSD. Cov tub ntxhais ua kawm hoob Career Technical Education (CTE) concentrator (xyoo ob) lossis kawm hoob capstone uas yog hoob kawg (xyoo 3) lawm yuav kawm tau rau hoob no lub sijhawm uas mus kawm ua haujlwm li qhov lawv tau kawm thiab tau kev tso cai los ntawm tus xibfwb/ tus coj rau CTE.
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

English

Academic Literacy — 02622

Department: English | **Grade Level:** 09 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los rau cov menyuam kawm qib 9th. Lub homphiaj ntawm hoob no yog los npaj cov menyuam kawm ntawv rau txoj kev yuav tau nyeem ntawv ntau hauv high school rov saud kom lawv txawj nyeem, nyeem npliag thiab nyeem totaub. Cov menyuam kawm ntawv yuav rov tshuaj lawv tuskheej kom muaj kev totaub, muaj tswvyim thiab dhau taus los ua cov neeg nyeem tau cov phau ntawv uas nyuaj zoo. Nws qhia txog kev tshuaj txoj kev sau cov ntawv, kev qhia kom lawv paub kawm thiab xav, thiab cov tswvyim los pab kom totaub xwsli kev xyaum nco, xav txog cov lus, nug thiab ua zoo xav. Cov menyuam kawm ntawv yuav tsim ib lub "tool box" uas puv nkaus li cov tswvyim los daws teebmeem kom lawv paub totaub txog cov zaj ntawv uas lawv nyeem hauv ntau yam kev kawm. Los ntawm txoj kev sibzog nyeem ntawv no, cov menyuam kawm ntawv yuav muaj lub peevxwm dhau taus los ua cov neeg uas nyiam nyeem ntawv tas lawv simneej.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

African American Cultural Studies — 02697

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

Hoob no pub cov tub ntxhais hluas kawm txog Meskas dub cov ntaub ntawv tau sau tseg (African-American literature) thiab lawv kev xav txog keeb kwm ntawm Meskas dub. Yuav siv ib qho standards-based approach, los kawm txog Meskas dub cov ntaub ntawv tau sau tseg thaum ub los txog hnub no. Hoob no txhawb cov hoob qhia txog Meskas cov ntaub ntawv thiab nws keeb kwm, tiam sis yuav tham txog tej yam tob me ntsis ntawm cov ntaub ntawv, keeb kwm thiab cov tibneeg nyob ib puag ncig, cov teeb meem tshwm sim uas txuas rau Meskas dub hauv teb chaws Meskas xws li, kev ntxub ntxaug/saib tsis tau lwm haiv neeg, kev hlub tshua nyias haiv neeg, yam muaj nuj nqes hauv lub zej lub zos, kev kawm ntawv, cov teeb meem tshwm sim hauv zos loj, thiab nrog rau lub luag haujlwm ntawm Meskas dub cov ntaub ntawv sau tseg thiab kev lig kev cai. Yuav tau siv cov txuj ci sau ntawv/nyeem ntawv hauv hoob tib si. Cov tub ntxhais hluas yuav tsum sau ib cov essays uas siv txoj kev qhia sau ntawv thiab ua kom tibneeg paub hais tias lawv txawj nyeem ntawv zoo heev thiab txawj piav txog lawv tej tswvyim, kev txhawj xeeb, thiab txhais tau cov ntaub ntawv sau tseg los ntawm Meskas dub thiab tej kev lig kev cai.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP English 11: Language & Composition — 02240

Department: English | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob no npaj cov menyuam kawm ntawv kom dhau los ua ib cov uas txawj nyeem cov ntawv uas luag sau hauv ntau tiam, txog ntau yam kev kawm, thiab nws cov ntsiab lus thiab cov neeg txawj sau ntawv uas sau txog kev piav qhia txog, kev tshawb thiab nug txog, kev cam txog, thiab sau txog ntau yam uas suav tej uas lawv tuskheej tau ntsib mus txog cov kevcai tswjfwm pejxeem, tej kev sai raws lawv xav mus txog neeg tej kev coj noj coj ua. Hoob kawm Siv Lus thiab Sau Ntawv AP no lub homphiam yog npaj kom cov menyuam kawm ntawv txawj nyeem cov ntawv uas nyuaj thiab xawj totaub thiab txawj siv cov lus meej los sau tej ntawv kom cov neeg nyeem totaub. Peb nquahu kom cov menyuam kawm ntawv mus xeem tus AP. Hoob no suav tau rau kev nkag mus rau UC thiab CSU.
Cov ntaub ntawv uas siv: Language of Composition, 4th Edition, BFW Publishers

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP English 12: Literature & Composition — 02340

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob qibsiab no yog tsim los npaj cov kawm xyoo plaub (seniors) uas yuav mus kawm college rau kev mus xeem hoob English Literature 12, AP. Hoob no yog kawm txog kev nyeem ntaub ntawv uas yuav muaj kev ua ntau yam txog kev nyeem ntawv thiab xav, uas npaj cov menyuam kawm ntawv rau kev nyeem ntawv thiab xav hauv college. Cov menyuam kawm ntawv yuav muaj kev sau ntawv ntau txog kev xav thiab los tshuaj txog tej yam dabtsi raws li cov ntaub ntawv uas lawv tamtom kawm. Lawv yuav muaj kev sau ntawv ntau hauv hoob, kom yuav pab lawv los teb thiab sau tau rau tus AP thiab sau tau hauv ib lub sijhawm luv luv uas luag muab rau thaum mus kawm college. Qhia: Hoob no yog tsim los rau cov menyuam kawm ntawv uas mob siab thiab rau siab rau kev nyeem ntawv thiab sau ntawv raws li cov kev ua txhua hnub, thiab kam nyeem kom tas ib cov ntawv rau lub caij ntuj sov thiab/lossis lub sijhawm so. Peb nquahu kom cov menyuam kawm ntawv mus xeem tus AP. Hoob no suav tau rau kev nkag mus rau UC thiab CSU.
Cov ntaub ntawv uas siv: The Bedford Introduction to Literature, 11th Edition, Bedford/St. Martin's

College and Career Writing I — 02711

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob elective uas kawm ntawv Askiv no yog tsim los kawm kom paub lus, paub ntawv thiab npaj kom cov tub ntxhais uas tabtom kawm ntawv Askiv muaj siab xav mus kawm college thiab ua haujlwm. Cov kev kawm nyob rau hoob no yog kawm kom paub lus, paub cov lus vocabulary, thiab kom paub sau ntawv. Thematic units pab kom cov tub ntxhais kawm txuas tau rau science, lej thiab social studies uas yog cov kev kawm tseemceeb. Nyob rau cov kev kawm kuj muaj cov (activites) uas qhia kom nws paub lus thooj txhij tib lub sijhawm uas qhia kom nws paub nyeem ntawv thiab. Cov tub ntxhais yuav kawm txog kev sau ntawv thiab oral projects uas yog txhawb los ntawm cov kev tshawb nrhiav tau txog cov kev qhia uas zoo tshaj plaws rau kev mloog lus, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv uas yuav tsum muaj rau cov uas tabtom kawm ntawv Askiv kom yuav hais tau lus zoo thiab muaj peevxwm paub txog lawv lub peevxwm rau lawv kev kawm ntawv thiab lawv tus kheej.
Qhov uas yuav tsum tau ua uantej: Muab tso kawm los ntawm pab EL team
Yuav tsum tau kawm thooj txhim tib lub sijhawm: Cov tub ntxhais uas kawm nyob
Cov ntaub ntawv uas siv: English 3D Course C

College and Career Writing II — 02713

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob elective rau kev kawm sau ntawv Askiv no yog tsim los pab kom paub lus, paub ntawv, thiab kom muaj kev npaj rau cov tub ntxhais uas tseem tabtom kawm ntawv Askiv kom npaj txhij rau kev mus kawm college thiab kev ua haujlwm. Kev kawm yog yuav kawm kom paub lus ntxiv, kom paub cov lus siv rau kev kawm ntawv, thiab kom paub sau ntawv. Tej (activities) uas cov tub ntxhais yuav ua ntawd yeej kom muaj kev paub txog lwm haivneeg thiab paub lus, thooj txhim tib lub sijhawm kom paub vibthis kev sis txuas lus thiab. Cov tub ntxhais yuav kawm kom paub sau ntawv thiab paub hais lus txog tej projects uas yuav npaj lawv rau kev mus kawm college thiab kev ua haujlwm li niaj hnub nimno yuav tsum tau muaj kom cov uas tabtom tseem kawm ntawv Askiv yuav muaj peevxwm rau kev sis txuas lus thiab kom muaj peevxwm paub txog lawv kev kawm ntawv thiab lawv tus kheej hais tais lawv muaj peevxwm ua tau ntau yam npaum licas.

Qhov uas yuav tsum tau ua uantej: Yuav tau muab tso kawm raws li lub tsev kawm ntawv cov English Learner (EL) team kom kawm
Qhov uas yuav tsum tau kawm uake nrog: cov tub ntxhais uas kawm qib 9-12 uas kawm nyob rau LTEL lossis cov Redesignated Fluent (RF) uas tseem muaj kev tu ncua rau kev kawm ntawv
Cov ntaub ntawv siv los qhia: English 3D, Course C/II

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Competition and Debate 02644

Department: English **Grade Level:** 09-12 **Credits: 5.0** **Max Credits: 10.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob uas tuamyeem kawm no yog tsim los npaj cov menyuam kawm ntawv mus rau ntau yam kev sib tw xwsli Academic Decathlon, Debate, Model United Nations, thiab Junior Statesman. Hoob no qhia cov menyuam kawm ntawv txog kev txawj xav, kev haub lwm tus, xav saib luag hais dabtsi, thiab kev hais tawm ntawm ncauj los ntawm kev mloog lwm tus hais, sau ntawv, nyeem ntawv thiab tshwjxeeb hais lus rau tej pab tibneeg.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Countdown for College/SAT Prep 02680

Department: English **Grade Level:** 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob uas tuamyeem kawm (ib-semester) no qhia txog cov tswvyim uas npaj mus xeem cov kev xeem uas yuav nkag mus kawm college rau cov menyuam kawm ntawv junior/senior uas yuav mus kawm university. Cov menyuam kawm ntawv yuav los xyaum nyeem kom totaub txog cov ntawv hauv college, kawm cov lus uas siv hauv college, thiab xyaum siv cov kev sau ntawv uas raug. Peb nquahu kom txhua tus menyuam uas npaj mus xeem tus SAT lossis ACT kawm hoob no.
Cov ntaub ntawv uas siv: Master the SAT, Peterson Publishing

Countdown to College/SAT Prep Survey 02681

Department: English **Grade Level:** 09-12 **Credits: 2.5** **Max Credits: 2.5**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob kawm no yog tsim los qhia cov tub ntxhais txog kev npaj rau kev xeem SAT. Cov tub ntxhais yuav kawm kom lawv paub txog tej yam lus nug, kawm ob peb yam vibthis teb rau ob peb yam lus nug thiab kom paub yuav siv rau thaum twg, thiab tasnhro cov vibthis xeem ntawv uas yuav pab tau lawv cov qhabnees nce siab. Tomqab kawm tiav hoob no, cov tub ntxhais tejzaum tseem xav kawm toj ntxiv rau Countdown for College/ SAT Prep thiab.
Cov ntaub ntawv siv los qhia: Master the SAT, Peterson Publishing

Creative Writing I 02671

Department: English **Grade Level:** 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** Elective: English (g) **NCAA: Yes**

Hoob uas tuamyeem kawm (ib-semester) no qhia txog cov tswvyim uas npaj mus xeem cov kev xeem uas yuav nkag mus kawm college rau cov menyuam kawm ntawv junior/senior uas yuav mus kawm university. Cov menyuam kawm ntawv yuav los xyaum nyeem kom totaub txog cov ntawv hauv college, kawm cov lus uas siv hauv college, thiab xyaum siv cov kev sau ntawv uas raug. Peb nquahu kom txhua tus menyuam uas npaj mus xeem tus SAT lossis ACT kawm hoob no.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Creative Writing II 02672

Department: English **Grade Level:** 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** Elective: English (g) **NCAA: Yes**

Hoob tau xaiv kawm ua si no yog tsim rau cov tub ntxhais hluas uas xav kom tej txuj ci tsim sau ntawv zoo tshaj plaws. Hoob no yuav tsom txog kev tsim thiab ntsuam xyuas cov dab neeg cuav. Cov tub/ntxhais yuav tau kawm txog ntau hom ntawv, xws li cov dab neeg uas luv luv, pab huam, yeeb yam sam thiaj, ib qho me me ntawm ib zab dab neeg, menyuam cov ntawv nyeem, dab neeg cuav qhia txog science, nrog rau lwm yam. Lawv yuav tau sau ob hom ntawv xws li hom uas nyias sau li nyias siab nyiam thiab hom uas raws kev xaj. Cov tub/ntxhais yuav tsum xaiv ib hom ntawv los ua ib qho project kom tiav.
Hoob kawm ua ntej mam kawm tau lwm hoob: Creative Writing I
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Creative Writing Survey — 02670

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Lub hoob qha kawm nuav yog ib qho kws tau muab txav tawm lug ntawm lub Hoob Muaj Tswv Yim Txawj Sau Ntawv kws yog tsim sim lug rua cov tub kawm ntawv kus muaj tug peev xwm xaav sau ntawv ntawd. Cov kev ua yog tsim sim lug sau qha txug tej yaam kws yeej pum paub tas muaj tag hab yooj yim lug nkaag sab zoo txug xws le cov kev sau ntawv txug txuj kev xaav hab kev xyum sim ua. Cov kev ua kws luj yuav muaj xws le yuav tau lug sau txug cov dlaab neeg tuab2 lu, kus dlaim dluab txug tug tuab neeg kws sau txug, hab ntau2 yaam kev ua lug qha txug tug tswv yim xaav tau hab lug sau has qha txug tas txuj kev sau ntawv yog ib qhov kev tseem ceeb tshaaj plawg txug ntawm txug kev sib txuas lug.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

EL English Intensive Course I — 02802

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** None | **NCAA: No**

Hoob Askiv no yog tsim los pab rau cov uas kawm lus askiv kom paub zoo txog yam tseem ceeb nyob rau kev kawm lus askiv. Yuav los kawm txog cov tsiaj ntawv thiab cov suab uas muab los sis ntxiv uake, qhov no yog yuav pib kawm ua ntej thiab yuav kawm ua ntu zus kom tag xyoo. Cov tub kawm ntawv yuav los kawm kom paub lus nrog rau kev saib duab thiab lwm yam kev qhia. Cov kev kawm tseem ceeb loj yuav yog los kawm nyeem ntawv, thiab mloog thiab hais lus los ntawm kev uas nyeem ntawv thiab nqog lus teb. Hoob no suav tau rau lub district kev kawm ntawv tiav.
Yuav tsum kawm cov no uantej: Kev uas yuav muab tso rau cov hoob kawm yuav yog saib los ntawm cov kev xeem no: (xeem seb nws paub nws hom lus npaum cas, CELDT/ELPAC, SBAC/CAASPP, MYPAS, primary language proficiency, program placement, etc.).
Cov ntaub ntawv uas siv: Get Ready! by Vista Higher Learning

EL English Intensive Course II — 02803

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** None | **NCAA: No**

Qhov no yog rau cov uas tabtom kawm ntawv Askiv xwb cov tub ntxhais uas raug Reclassified Fluent English Proficient rau API. Hoob kawm no yuav qhia kom cov uas tabtom kawm ntawv Askiv kom yuav kawm nce qib ib theem ntxiv rau kev nyeem ntawv, kev sau ntawv, kev hais lus, thiab kev mloog lus los ntawn kev kawm nyob rau tej ntaub ntawv uas nyuaj thiab qhia zoo heev uas yuav npaj tau cov tub ntxhais mus kawm college thiab nrhiav tau haujlwm ua. Hoob kawm no yuav pab kom hais lus thiab kom paub ntawv zoo los ntawm robust cov kev qhia, nkag tau mus kawm nyob rau cov phau ntawv, mus nyeem tau cov ntaub ntawv ze li nws qib kawm, thiab muaj sijhawm los mus sau tej zaj lus luv luv thiab tej zaj lus ntev nyob rau kev nyeem ntawv thiab kev sau ntawv. Hoob kawm no ncav cuag li lub district qhov kom yuav tsum tau kawm rau kev kawm ntawv tiav.
Qhov yuav tsum tau kawm uantej: Yuav siv ob peb yam kev sojntsuam li no los saib seb yuav muab tso kawm rau qhovtwg (CELDT/ELPAC, SBAC/CAASPP, MYPAS, primary language proficiency, etc.); txawm li ntawv los qhov yuav muab tso kawm rau hoob twg kiag yuav tsum saib los ntawm cov kev sojntsuam rau kev kawm.
Cov ntaub ntawv uas siv: Get Ready! by Vista Higher Learning

EL English Intensive Course III — 02804

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

Hoob no pab cov tub ntxhais hluas kawm lus Askiv (English Learners) nrog theem siab zog ntawm kev nyeem ntawv, sau ntawv, kev hais lus, thiab mloog lus, yuav siv cov ntaub ntawv uas zoo heev thiab muaj haujlwm ntau ua los pab lawv npaj rau kev yuav mus kawm ntawv qeb siab thiab nrhiav haujlwm ua yav pem suab. Hoob kawm txhawb nqa kev xyaum lus thiab kev nyeem ntawv los ntawm kev cob qhia uas siv tej ntaub ntawv saib tau txhua lub sijhawm (accessible instructional level text), nyeem ntawv raws li qeb kawm (close reading of grade level text), thiab nyeem ob peb yam ntawv uas luv luv thiab nyeem/sau ntawv uas tob heev. Hoob no ua tau raws li kev pom zoo lav ntawv hauv lub district qho English graduation requirement lawm.
Hoob yuav tsum tau kawm ua ntej: Yuav tsum muaj kev pab ntsuas chaw kawm uas siv cov ntawv tw xeem (CELDT/ELPAC, SBAC/CAASPP, MYPAS, primary language proficiency, etc.); tiam sis, daim tw xeem (program placement assessment) yuav tsum siv los pab xaiv hoob rau cov tub ntxhais.
Cov ntaub ntawv uas siv: Edge Level B, Ntional Geographic Learning/Cengage Learning

EL English Intensive Course IV — 02805

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

Hoob no pab cov tub ntxhais hluas kawm lus Askiv (English Learners) nrog theem siab zog ntawm kev nyeem ntawv, sau ntawv, kev hais lus, thiab hmloog lus, yuav siv cov ntaub ntawv uas zoo heev thiab muaj haujlwm ntau ua los pab lawv npaj rau kev yuav mus kawm ntawv qeb siab thiab nrhiav haujlwm ua yav pem suab. Hoob kawm txhawb nqa kev xyaum lus thiab kev nyeem ntawv los ntawm kev cob qhia uas siv tej ntaub ntawv saib tau txhua lub sijhawm (accessible instructional level text), nyeem ntawv raws li qeb kawm (close reading of grade level text), thiab nyeem ob peb yam ntawv uas luv luv thiab nyeem/sau ntawv uas tob heev. Hoob no ua tau raws li kev pom zoo lav ntawv hauv lub district qho English graduation requirement lawm. Hoob no ua tau raws li CSU thiab UC a-g cov requirements yog tias, hoob no yog tus tub ntxhais thawj hoob kawm lus Askiv uas nyuaj dua.
Hoob yuav tsum tau kawm ua ntej: Yuav tsum muaj kev pab ntsuas chaw kawm uas siv cov ntawv tw xeem (CELDT/ELPAC, SBAC/CAASPP, MYPAS, primary language proficiency, etc.); tiam sis, daim tw xeem (program placement assessment) yuav tsum siv los pab xaiv hoob rau cov tub ntxhais.
Cov ntaub ntawv uas siv: Edge Level C, National Geographic Learning/Cengage Learning

EL Language Lab — 02860

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob elective course no yuav muaj kawm ntau heev, yuav kawm ua tej pab ua muaj lib (20 tus tub ntxhais lossis tsawg dua) kom cov tub ntxhais yuav paub mloog lus, hais tau lus zoo, nyeem tau ntawv, thiab sau tau ntawv Askiv, xws li, hais lus kom meej, hais cov suab tsiaj ntawv thiab kom paub tias txhais licas, yuav paub sau cov lus thiab muab tso li cas thiaj thwj, kev sis txuas lus tsi hais kev hais lus lossis kev sau ntawv los kom thwj nrog rau kev kawm computer kom paub siv. Cov tub ntxhais yuav kawm tau zoo los ntawm tej kev pab uas muaj txhawb rau lawv kev kawm ntawv los ntawm kev ua homework nrog rau sawvdaws txhua hnub. Kev uas kawm ob hoob uas yog English Language Development thiab ELL Lab yuav pab tau cov tub ntxhais kom kawm tau ntawv ceev thiab kom kawm tau cov qauv kawm ntawv rau ntawv Askiv. Muaj kev pab ua nws hom lus kom totaub yog yuav tsum tau muaj, los pab cov tub ntxhais kom totaub ua lawv tej homework thiab kom paub ua lej, science, thiab history. Hoob no rov kawm tau dua yuav qhabnees txog 40 credits.
Cov hoob yuav tau kawm uake nrog thiab: English 9, English 10, English 11, or English 12
Cov ntaub ntawv siv los kawm: Study Sync, McGraw-Hill Education or Edge, National Geographic Learning, Hampton-Brown o Get Ready (dependent upon students' core English course)

ELA Literacy 9-12 — 02611

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: English | **UC/CSU:** None | **NCAA: No**

Hoob kawm ntawv ASkiv (ELA) no yog ib hoob uas tsim los txhawb rau cov tub ntxhais uas poob qab li ob mus rau peb xyoo nqis dua li qib uas lawv kawm rau kev nyeem ntawv thiab kev sau ntawv thiab yeej pom tau tias tsimyog kawm hoob no los ntawm cov kev uas tau sojntsuam tau. Lub homphiaj ntawm hoob no yog pab txhawb kom cov tub ntxhais yuav kawm tau ntawv thiab yuav kawm tiav hoob no thiab kom yuav vammeej rau kev kawm ntawv Askiv thiab ua tau raws li cov qauv rau lwm yam kev kawm uas muaj thiab. Hoob no kawm tau qhabnees rau ntawv Askiv. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Qhov uas yuav tsum tau ua uantej(s): Kev uas muab tso hoob kawm no yog saib los ntawm lub tsev kawm ntawv pab team rau kev kawm ntawv thiab saib raws li lub district cov qauv thiab kev sojntsuam.
Cov ntaub ntawv siv los qhia: California Language! Live, Voyager Sopris Learning, Inc.

English 10 — 02100

Department: English | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob no yog tsim los qhia txog kev nyeem ntawv, sau ntawv, mloog lus, thiab hais lus, nrog rau kev xav. Cov qauv qhia hauv hoob no yuav yog qhia nyeem ntqawv thiab sau ntawv, kev siv lus, thiab paub cov ntsiab lus. Hoob no yuav qhia nyeem txog ntau yam xwsli tej zaj dabneeg luv luv, tej phau novel, yeebyam, pajhuam, ntawv sau txog tej tus neeg, thiab tej zaj ntawv (essay). Thaum ua tau, yuv muab hoob kawm kev siv lus no thiab hoob kawm keebkwm neeg ntiajteb rau qib I0th los kawm uake. Kev qhia sau ntawv, feem ntau raws tej uas tau kawm hauv hoob no, yuav siv ntau tus qauv thiab sau ua tej zaj lus.
Cov ntaub ntawv uas siv: CA StudySync 10, McGraw-Hill Education

English 10 Honors — 02130

Department: English | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob qibsiab no yog qhia txog kev siv lus raws li ib tus qauv qhia uas hais txog cov neeg sau ntawv thiab kawm txog ntau yam ntawv uas luag tau sau. Nws tseem yuav qhia txog ntau yam ntawv uas nyuaj. Cov menyuam kawm ntawv yuav los tshuaj cov ntawv (uas tej zaum yuav muaj cov zaj dabneeg luv luv, cov phau novel, yeebyam, pajhuam, cov zaj ntawv (essays) thiab cov ntawv sau txog tej tus neeg) raws li qhov luag sau thiab/lossis nws keebkwm. Kev qhia sau ntawv, feem ntau raws tej uas tau kawm hauv hoob no, yuav siv ntau tus qauv thiab sau ua tej zaj lus. . Hoob no yuav npaj cov menyuam kawm ntawv rau kev nyeem thiab xav thiab kev sau ntawv hauv college. Qhia: Hoob no yog tsim los rau cov menyuam kawm ntawv uas mob siab thiab rau siab rau kev nyeem ntawv thiab sau ntawv raws li cov kev ua txhua hnub, thiab kam nyeem kom tas ib cov ntawv rau lub caij ntuj sov thiab/lossis lub sijhawm so. Hoob no cov qhabnees siv tsi tau mus rau UC system. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Cov ntaub ntawv uas siv: Advanced Language & Literature, for Honors and pre-AP English Courses, Bedford/St. Martin's

English 10: Get Reel: English Through Your Lens — 02150

Department: English | **Grade Level:** 10 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob no yuav txhawb rau cov tub ntxhais kawm ntawv nyob qib 10 kom muaj kev sojntsuam xav tob txog tej uas lawm nyeem, tsi hais tej ntawv sau kom pom (visual media), tej ntawv sau qhia txog tej yam dabtsi thiab tej phau ntawv uas sau txog tej yam tsi muaj lossis tsi tseeb (fiction). Cov tub ntxhais yuav tsim tej video uas hais kom tau lus muaj ceem, hais tau lus sawv tim ntsej tim muag sawvdaws, thiab sau tau ntawv rau tej yam kev sojntsuam tseemceeb txog tej lub tswvyim thiab tej ua sawvdaws ua los haub txog tej yam thiab kom muaj kev totaub tias qhov uas haub tau lwm tus kom ua li ub li no zoo li cas rau tej tus neeg thiab tej pab neeg.
Qhov yuav tsum kawm uantej: Kawm hoob Askiv rau qib 9: thiab kawm thooj txhim: Video Production 1 / Digital Media Production 1.
Cov ntaub ntawv uas siv: CA StudySync 10, McGraw-Hill Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

English 11 — 02200

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob no qhia txog txoj kev siv lus raws li ib tus qauv kev kawm uas hais txog cov neeg sau ntawv uas yog neeg Amelikas thiab kawm txog Amelikas tej ntaub ntawv. Cov menyuam kawm ntawv yuav los tshuaj cov ntawv (uas tej zaum yuav muaj cov zaj dabneeg luv luv, cov phau novel, yeebyam, pajhuam, cov zaj ntawv (essays) thiab cov ntawv sau txog tej tus neeg) raws li qhov luag sau thiab/lossis nws keebkwm. Los ntawm txog kev koomtes rau cov kev nyeem ntawv, sau ntawv, hais lus ntawm ncauj, cov menyuam kawm ntawv yuav paub ntau ntxiv txog cov neeg Amelikas txoj kev coj noj coj ua thiab tej ntaub ntawv. Hoob no yuav npaj cov menyuam kawm ntawv rau kev nyeem ntawv thiab xav thiab kev sau ntawv hauv college.
Cov ntaub ntawv uas siv: CA StudySync 11, McGraw-Hill Education

English 11 Honors — 02230

Department: English | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob kawm no nyuaj/siab dua lwm hoob thiab siv ob peb yam ntawv sib xyaw daws los qhia, tiam sis kuj ua tau raws li tus qauv qhia ntawv lawm thiab. Nws yuav qhia txog Meskas cov kws sau ntawv nrog rau Meskas tej ntaub ntawv tau sau tseg. Cov tub ntxhais hluas yuav tau ntsuam xyuas txog cov ntawv nyeem (tej zaum muaj cov dab neeg luv luv, yeeb yam ntawm sam thiaj, paj huam, tsab ntawv essay, thiab cov ntawv qhia txog tibneeg lub neej) saib nws cov lus puas sib haum thiab/los yog txuas rau tej keeb kwm li cas. Lawv yuav tau koom tes nyeem ntawv, sau ntawv, thiab tham lus nyob rau cov activities, uas yuav pab nrog kev nkag siab txog Meskas kev lig kev cai thiab tej ntawv tau sau tseg. Hoob no yuav npaj cov tub ntxhais hluas rau kev nyeem ntawv uas nyuaj heev thiab kev sau ntawv qeb siab. Nco tias: Hoob kawm no yog tsim rau cov tub ntxhais hluas uas muaj siab tiag tiag rau kev kawm xwb thiab yuav tsum paub nws lub luag haujlwm yuav tau nyeem thiab sau ntawv ntau heev txhua hnub, tsis tas li ntawv los, nyeem tej ntawv lub caij ntuj sov thiab thaum phav ntawv tib si. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Cov ntaub ntawv uas siv: CA StudySync 11, McGraw-Hill Education

English 11: Designing the American Dream — 02250

Department: English | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob no qhia thiab cia kom cov tub ntxhais muaj sijhawm los mus xav thiab sojntsuam txog ntau haivneeg txojkev npausuav nyob lub tebchaw Meskas no los ntawm cov suab uas hais txog Meskas tus npausuav nyob rau tej ntaub ntawv sau tseg thiab tej xenemas uas muaj ua ntu zus kom ncav cuag "The American Dream" Meskas tus npausuav uas muaj tus choj txuas mus rau tom ntej, tej kev ntseeg, thiab tej haivneeg uas tuaj nybo lub tebchaw no. Cov tub ntxhais yuav xav tob txog "The American Dream" uas tau hloov thiab ceev zoo los ntawm tej ntawv sau thiab tej uas pom uas yuav qhia tau nyob rau lawv kev totaub txog " The American Dream." Cov tub ntxhais yuav muaj kev totaub los ntawm kev nyeem ntawv thiab paub tej txujci rau kev tsim video. Los ntawm kev kawm ua ntu zus rau hoob no, cov tub ntxhais yuav kawm kom muaj txojkev xav tob, kom paub sau tau ntawv zoo, thiab txawj thaij thiab tsim xenemas li lawv txojkev npausuav (American Dream).
Qhov yuav tau kawm uantej: Tsi Muaj
Cov ntaub ntawv usa siv: CA StudySync 10, McGraw-Hill Education

English 12 — 02300

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob no qhia txog txoj kev siv lus raws li ib tus qauv kev kawm uas yog tsim los pab thiab npaj cov kawm xyoo plaub (seniors) uas tseem muaj kev tu-ncua rau qee yam txoj kev hloov hauv high school mus kawm college thiab/lossis ua haujlwm. Cov menyuam kawm ntawv yuav los kawm txog qee yam hauv cov ntaub ntawv ntawv cov neeg thoob qabntuj raws li qhov luag sau thiab/lossis nws keebkwm kom lawv paub txog lwm haivneeg txoj kev coj noj coj ua. Cov kev sau ntawv hauv hoob tseem yuav sau txog lwm yam kev kawm (interdisciplinary) thiab. Hoob no yuav npaj cov menyuam kawm ntawv rau kev nyeem ntawv thiab xav thiab kev sau ntawv hauv college.
Cov ntaub ntawv uas siv: CA StudySync 12, McGraw-Hill Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

English 9 — 02000

Department: English
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: English
UC/CSU: English (b)
NCAA: Yes

Hoob no yog tsim los qhia txog lub xeev cov qauv kev kawm rau kev nyeem ntawv, sau ntawv, mloog lus, thiab hais lus uas yog siv Askiv/kev siv lus, nrog rau kev xav. Nws yuav qhia txog kev mus xyuas lwm yam, kev kawm thiab kev xeem, sau ntawv, nyeem ntawv, kev siv lus, paub cov ntsiab lus. Hoob no yuav qhia nyeem txog ntau yam xwsli tej zaj dabneeg luv luv, tej phau novel, yeebyam, pajhuam, ntawv sau txog tej tus neeg, thiab tej zaj ntawv (essay). Kev qhia sau ntawv, feem ntau raws tej uas tau kawm hauv hoob no, yuav siv ntau tus qauv thiab sau ua tej zaj lus.
Cov ntaub ntawv uas siv: CA StudySync 9, McGraw-Hill Education

English 9 Honors — 02030

Department: English
Grade Level: 09
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: English
UC/CSU: English (b)
NCAA: Yes

Hoob qibsiab no yog qhia txog kev siv lus raws li ib tus qauv qhia uas hais txog cov neeg sau ntawv thiab kawm txog ntau yam ntawv uas luag sau. Nws tseem yuav qhia txog ntau yam ntawv uas nyuaj. Nws yuav qhia txog kev mus xyuas lwm yam, kev kawm thiab kev xeem, sau ntawv, kev siv lus, thiab paub cov ntsiab lus. Kev qhia sau ntawv, feem ntau raws tej uas tau kawm hauv hoob no, yuav siv ntau tus qauv thiab sau ua tej zaj lus. Hoob no yuav npaj cov menyuam kawm ntawv rau kev nyeem thiab xav thiab kev sau ntawv hauv college.
Qhia: Hoob no yog tsim los rau cov menyuam kawm ntawv uas mob siab thiab rau siab rau kev nyeem ntawv thiab sau ntawv raws li cov kev ua txhua hnub, thiab kam nyeem kom tas ib cov ntawv rau lub caij ntuj sov thiab/lossis lub sijhawm so. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.

Cov ntaub ntawv uas siv: CA StudySync 10, McGraw-Hill Education

Exploring Culture Through Literature — 02685

Department: English
Grade Level: 11-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: Elective: English (g)
NCAA: No

Hoob tau xaiv kawm ua si no yuav pub cov tub ntxhais hluas los ntawm ntau hom caj ces los, koom tes kawm txog ntau hom kev lig kev cai thiab haiv neeg nyob rau teb chaw Meskas. Tej tub/ntxhais yuav tsim ib daim ntawv qhia txog nws tus kheej thiab nws tej kev lig kev cai uas tob thiab dav heev. Kev kawm txog lwm haiv neeg tej ntaub ntawv sau tseg, keeb kwm, dab neeg thiab txuj ci uas txawv ntawm nws li, yuav pab cov tub ntxhais hluas paub ua kev zoo siab rau lwm haiv neeg tej kev lig kev cai, nws yuav paub xav txog lwm tus thiab paub sibtham/txuas lus, yuav siv rau lub ntiaj teb ua lag luam.
Hoob kawm ua ntej mam kawm tau lwm hoob: English 10
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Exploring Modern Issues in Text, Part I — 02714

Department: English
Grade Level: 11-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm ELD no muaj kawm ntawv Askiv los txhawb rau cov tub ntxhais uas tseem tabtom kawm ntawv Askiv nyob rau theem uas tseem pib kawm thiab yuav kawm txuas ntxiv. Yuav saib thiab kawm txog tej ntaub ntawv sau, hoob kawm no muaj kev pab txhawb rau kev kawm ntawv Askiv thiab ua tej activites txog tej uas yuav kawm, kawm txog lub tswvyim, thiab tej lus hais nyob rau hauv cov ntawv sau thaum uas nyeem thiab hais cov lus. Cov tub ntxhais uas kawm hoob no yuav muaj sijhawm los mus kawm kom paub nyeem ntawv, sau ntawv, hais lus, thiab mloog lus.
Hoob yuav tsum tau kawm uantej lossis yuav tsum yog li no uantej: Cov tub ntxhais uas tseem tabtom kawm ntawv Askiv uas kawm qib 11th lossis 12th lossis nws yog ib tus tub ntxhais (RFEP) uas kawm qib 11th lossis 12th uas tseem kawm tsi tau ntawv zoo.
Cov ntaub ntawv siv los kawm: Expository Reading and Writing Curriculum 3.0 (ERWC), Modules 6-10

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Exploring Modern Issues in Text, Part II — 02715

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm ELD no muaj kawm ntawv Askiv los txhawb rau cov tub ntxhais uas tseem tabtom kawm ntawv Askiv nyob rau theem uas tseem pib kawm thiab yuav kawm txuas ntxiv. Yuav saib thiab kawm txog tej ntaub ntawv sau, hoob kawm no muaj kev pab txhawb rau kev kawm ntawv Askiv thiab ua tej activites txog tej uas yuav kawm, kawm txog lub tswvyim, thiab tej lus hais nyob rau hauv cov ntawv sau thaum uas nyeem thiab hais cov lus. Cov tub ntxhais uas kawm hoob no yuav muaj sijhawm los mus kawm kom paub nyeem ntawv, sau ntawv, hais lus, thiab mloog lus.
Hoob yuav tsum tau kawm uantej lossis yuav tsum yog li no uantej: Cov tub ntxhais uas tseem tabtom kawm ntawv Askiv uas kawm qib 11th lossis 12th lossis nws yog ib tus tub ntxhais (RFEP) uas kawm qib 11th lossis 12th uas tseem kawm tsi tau ntawv zoo.
Cov ntaub ntawv siv los kawm: Expository Reading and Writing Curriculum 3.0 (ERWC), Modules 6-10

Film as Literature I — 02695

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob tau xaiv kawm ua si no qhia cov tub ntxhais hluas tsom txog ntau hom yeeb yaj kiab, uas yuav pab txhawb kev txawj xav thiab kev sau ntawv. Yam tseem ceeb ntawm hoob no yog kawm txog cov yeeb yaj kiab uas loj heev, tsis tas li, yuav tau siv hlwb los xav thiab txhais tej lus sib txuas ntawm daim yeeb yaj kiab, thiab saib txog tej keeb kwm nrog rau kev lig kev cai. Cov tub/ntxhais yuav kawm txog cov yeeb yaj kiab tiam no, saib nws kev qhia zaj dab neeg, tus cuj pwm ntawm cov tibneeg, lub tswv yim puas muaj tseem, nrog rau tib neeg tej teeb meem. Lawv yuav tau saib yeeb yaj kiab, koom nrog kev sibtham hauv tej pawg me me thiab loj loj, thiab sau ob peb tsawb ntawv essay qhia txog kev ntsuam xyuas thiab txhais nws li lus.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm dhau hoob English class uas xub xub kawm thiab tau tus qhab nee C los yog zoo dua.
Cov ntaub ntawv uas siv: Anatomy of Film, Bedford-St. Martin

Film as Literature II — 02696

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob tau xaiv kawm ua si no yog tsim los qhia nrog hoob Film as Literature I. Tom qab saib ntau hom yeeb yaj kiab (film genre), kev tsim ua (production), thiab ib cov yeeb yaj kiab uas loj heev (major cinematic works), nrog rau kev siv hlwb los xav thiab txhais lus (critical interpretation), cov tub ntxhais hluas mam ntsuam xyuas thiab muab yam ntsuam xyuas tau txhais kom ncaj daim rau ib yam dab tsi, xws li rau Poj Niam thiab Yeeb Yaj Kiab, Kev Tawm Xovxwm thiab Yeeb Yaj Kiab, Kab Ke Hauv Yeeb Yaj Kiab, Yeeb Yaj Kiab Qub Qub Tau Khaws Tseg, Keeb Kwm thiab Yeeb Yaj Kiaj, los yog Txuj Ci thiab Yeeb Yaj Kiab. Cov tub ntxhais hluas yuav saib ib txhia yeeb yaj kiab tsom txog kev nug lus, kev koom tes sibtham hauv tej pab pawg me me los yog loj loj, kev tsim ua ib daim ntawv ntsuam xyuas nug lus, thiab sau ob peb tsab ntawv qhia txog kev xav thiab txhais lus.
Cov ntaub ntawv uas siv: Tsi siv cov phau ntawv

History, Form, & Culture of Comic Books — 02683

Department: English | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob elective uas kawm rau ntawv Askiv no yog tsim los tshawb nrhiav txog tej dabneeg thiab keebkwm uas raug txhawb los ntawm cov comic books (cov phau ntawv sau txaus luag) thiab seb cov comic books thiab graphic novels no txhawb tau tiam hluas no licas. Cov tub ntxhais yuav xub los xav saib seb vim licas cov phau ntawv sau txaus luag no ho yuav yog ib qhov uas tsimnyog kawm los ntawm kev ua tibzoo sojntsaum txog tus cag ntawm kev qhia tej dabneeg/ thiab qhia npej twg. Cov tub ntxhais yuav saib seb yog ua cas tej tus tibneeg ho nyob rau hauv Greek thiab Roman cov dabneeg lossis ua qauv lawv li ib tus tibneeg txojkev ua phaj ej. Cov tub ntxhais yuav saib txog ntau yam kev sau ntawv, kev kos duab, saib txog cov tuam txhab luam ntawv, thiab saib txog cov lagluam ua yeebyam uas tau ua hais txog lub ntsiab lus no. Cov kev tshawb nrhiav, kev sojntsuam txog cov ntawv sau, thiab kev sau ntawv nyob rau hoob no yuav yog ua raws li cov qauv rau kev kawm ntawv Askiv.
Cov ntaub ntawv uas siv: The Power of Comics: History, Form, and Culture, Second Edition; Bloomsbury Publishing

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB English HL 2 — 20022

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam paub thiab nyeem tau ntawv zoo, paub hais cov lus kom meej tsis hais ntau ncauj lossis hauv ntawv, thiab napj kom cov menyuam xeem dhau tus IB exam. English A1 yauv kawm tob txog ntau yam uas yuavtsum tau muaj thiaj kawm dhau hoob no thiab npaj txhij mus rau kev kawm college. Hoob no yuav kawm txog qhov uas lwm tus sab raud pom "international perspective" hauv cov Tibneeg Amelikas thiab Tibneeg ntiajteb tej ntaub ntawv. Cov menyuam kawm ntawv yuav paub txog cov kev sau ntawv hauv tej ntu keebkwm, tibneeg ntiajteb tej kev ntseeg thiab kev coj noj coj ua, thiab lawv cov tswvyim. Lub homphiaj yog los xav kom tob thiab paub txog yam uas lawv xav los ntawm kev nyeem lawv tej ntaub ntawv, kev sau ntawv, kev hais lus, thiab kev mloog tej uas lawv hais tseg cia. Cov menyuam yuav siv ntau yam ntaub ntawv: xwsli fiction, non-fiction, poetry, drama, cinema, art, music, thiab cov music video. Cov menyuam yuav los kawm txog kev ua zoo xav, los tsomxam txog tej uas lawv tau tsim thiab ua tseg, thiab los sau thiab hais lus kom meej xwv thiaj npaj txhij rau kev mus kawm college thiab/lossis kev kawm haujlwm. Lawv yuav paub tias tej lus uas luag siv los sau yog tawm hauv tej tiam tibneeg thiab kev coj noj coj ua los, thiab kev sau ntaub ntawv yog ib txoj kev uas txhimkho cov lus uas luag siv ntawd ua ntu zus los. Lawv yuav paub txog txoj kev ua neej hauv ntau haivneeg uas yuav pab kom lawv dhau los ua ib cov tibneeg uas muaj nqis rau lawv tiam. Cov menyuam uas totaub zoo txog tibneeg ntiajteb cov kev coj noj coj ua thiab xyaum tau tej ntawd zoo yuav ua tau lub neej zoo rau tiam no. Hoob no yog tsim los qhia cov menyuam uas mobsiab thiab muaj peevxwm los nyeem ntawv sau ntawv, coj los piav qhia rau sawvdaws thiab kam nyeem ib cov ntaub ntawv thaum lub sijhawm summer thiab sab nraud.
Cov ntaub ntawv uas siv: English A: Language and Literature, 2nd Edition, Copyright 2019, Oxford University Press

IB English HL1 — 20021

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam paub thiab nyeem tau ntawv zoo, paub hais cov lus kom meej tsis hais ntau ncauj lossis hauv ntawv, thiab napj kom cov menyuam xeem dhau tus IB exam. English A1 yauv kawm tob txog ntau yam uas yuavtsum tau muaj thiaj kawm dhau hoob no thiab npaj txhij mus rau kev kawm college. Hoob no yuav kawm txog qhov uas lwm tus sab raud pom "international perspective" hauv cov Tibneeg Amelikas thiab Tibneeg ntiajteb tej ntaub ntawv. Cov menyuam kawm ntawv yuav paub txog cov kev sau ntawv hauv tej ntu keebkwm, tibneeg ntiajteb tej kev ntseeg thiab kev coj noj coj ua, thiab lawv cov tswvyim. Lub homphiaj yog los xav kom tob thiab paub txog yam uas lawv xav los ntawm kev nyeem lawv tej ntaub ntawv, kev sau ntawv, kev hais lus, thiab kev mloog tej uas lawv hais tseg cia. Cov menyuam yuav siv ntau yam ntaub ntawv: xwsli fiction, non-fiction, poetry, drama, cinema, art, music, thiab cov music video. Cov menyuam yuav los kawm txog kev ua zoo xav, los tsomxam txog tej uas lawv tau tsim thiab ua tseg, thiab los sau thiab hais lus kom meej xwv thiaj npaj txhij rau kev mus kawm college thiab/lossis kev kawm haujlwm. Lawv yuav paub tias tej lus uas luag siv los sau yog tawm hauv tej tiam tibneeg thiab kev coj noj coj ua los, thiab kev sau ntaub ntawv yog ib txoj kev uas txhimkho cov lus uas luag siv ntawd ua ntu zus los. Lawv yuav paub txog txoj kev ua neej hauv ntau haivneeg uas yuav pab kom lawv dhau los ua ib cov tibneeg uas muaj nqis rau lawv tiam. Cov menyuam uas totaub zoo txog tibneeg ntiajteb cov kev coj noj coj ua thiab xyaum tau tej ntawd zoo yuav ua tau lub neej zoo rau tiam no. Hoob no yog tsim los qhia cov menyuam uas mobsiab thiab muaj peevxwm los nyeem ntawv sau ntawv, coj los piav qhia rau sawvdaws thiab kam nyeem ib cov ntaub ntawv thaum lub sijhawm summer thiab sab nraud.
Cov ntaub ntawv uas siv: English A: Language and Literature, Course Companion, 2nd Edition, Copyright 2019, Oxford University Press

IB English SL 1 — 20023

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

Hauv hoob kawm no, cov tub ntxhais yuav kawm ntau yam tsi hais tej uas muaj ntaub ntawv sau txog thiab tej uas tsi muaj tibsi. Los ntawm kev uas ua tibzoo los sojntsuam txog cov ntaub ntawv sau nrog rau kev nyeem ntawv, cov tub ntxhais yuav tshawb nrhiav txog yam lus thiab yuav paub tias nws siv licas thiab ua tau licas los ntawm tej tswvyim kev sau ntawv, kawm txog lwm haivneeg li lus thiab nyob rau thaj chaw twg, kawm txog media, thiab sojntsuam txog yam lus hais seb txhais licas.

Hoob yuav tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: English A: Language and Literature, Oxford University Press

IB English SL 2 — 20024

Department: English | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: English | **UC/CSU:** English (b) | **NCAA: No**

Hauv hoob kawm no, cov tub ntxhais yuav kawm ntau yam tsi hais tej uas muaj ntaub ntawv sau txog thiab tej uas tsi muaj tibsi. Los ntawm kev uas ua tibzoo los sojntsuam txog kev ntaub ntawv sau nrog rau kev nyeem ntawv, cov tub ntxhais yuav tshawb nrhiav txog yam lus thiab yuav paub tias nws siv licas thiab ua tau licas los ntawm tej tswvyim kev sau ntawv, kawm txog lwm haivneeg li lus thiab nyob rau thaj chaw twg, kawm txog media, thiab sojntsuam txog yam lus hais seb txhais licas.

Hoob yuav tsum tau kawm uantej: IB English SL 1

Cov ntaub ntawv siv los kawm: English A: Language and Literature, Oxford University Press

Journalism I — 02629

Department: English | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim rau cov tub ntxhais uas xav kawm txog kev luam ntawv (print), tshaj tawm thiab / lossis electronic media, uas yuav muaj cov txujci tseemceeb pab lawv sau tau tej dabneeg uas tseemceeb rau lawv. Journalism I yog tsim los qhia cov tub ntxhais txog kev sau ntawv xovxwm, kev uas nug (interviewing), kev uas luam ntawv tawm lossis muab tso online, thiab paub txiav txim siab rau qhov uas zoo vim nws yog ib tus tub ntxhais qhauj xovxwm.
Hoob uas yuav tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los kawm

Journalism II — 02630

Department: English | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Yog ib hoob uas kawm tomqab hoob Journalism I, hoob kawm no yuav qhia tob ntxiv txog tej txujci uas lawv yuav tsum tau muaj thiaj yuav vammeej rau kev uas ua ib tus tub ntxhais qhauj xovxwm. Hoob kawm no yuav qhia ib cov txujci ntxiv rau cov uas twb kawm lawm nyob rau hauv Journalism 1, yuav qhia cov tub ntxhais txog tej ntaub ntawv sau uas nyuaj thiab tej vibthis sau. Hoob kawm no rovqab kawm dua los tau, tiamsis tsuas tau 20 credits.
Hoob uas yuav tsum tau kawm uantej: Kawm kom tiav Journalism I
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv los kawm

Literacy Enrichment 10 — 02610

Department: English | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Lub hoob qha kawm nuav yog tsim sim lug paab cuam hab lug ua qha kom paub txug lub Hoob Aakis (English) 10 tseem ceeb rua thaum cov tub kawm ntawv tsi nyob rua huv puab cov Hoob Aakiv tseem ceeb nuav lawm. Cov kev cai ntawm qhov Aakis 10 nuav yuav muaj muab qha nyob rua huv cov hoob qha kawm tseem ceeb, Hoob Paab Cuam Rua Txuj Kev Nyeem Tau Sau Tau Ntawv hab Muaj Kev Txhawb Nqaa Paab Cuam nuav rua yog muaj muab lug paab cuam txhawb nqaa rua cov tub kawm ntawv txuj kev nyeem ntawv, sau ntawv, has lug, hab muab puab cov tswv yim paub lug has qha tawm nyob rua ntawm cov kev qha ua kws tau tsim sim lug ua moog rua txuj kev muaj tswv yim xaav tau.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ke: Aakis 10
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Literacy Enrichment 9 — 02609

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Lub hoob qha kawm nuav yog tsim sim lug paab cuam hab lug ua qha kom paub txug lub Hoob Aakis (English) 9 tseem ceeb rua thaum cov tub kawm ntawv tsi nyob rua huv puab cov Hoob Aakiv tseem ceeb nuav lawm. Cov kev cai ntawm qhov Aakis 9 nuav yuav muaj muab qha nyob rua huv cov hoob qha kawm tseem ceeb, Hoob Paab Cuam Rua Txuj Kev Nyeem Tau Sau Tau Ntawv hab Muaj Kev Txhawb Nqaa Paab Cuam nuav rua yog muaj muab lug paab cuam txhawb nqaa rua cov tub kawm ntawv txuj kev nyeem ntawv, sau ntawv, has lug, hab muab puab cov tswv yim paub lug has qha tawm nyob rua ntawm cov kev qha ua kws tau tsim sim lug ua moog rua txuj kev muaj tswv yim xaav tau.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ke: Aakis 9
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Literary Publications I — 02631

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob tuamyeem kawm no yog tsim los rau cov menyuam kawm txhua qib, tabsis tshwjxeeb rau cov sophomores thiab juniors uas xav paub los ua haujlwm kev luam ntawv hauv high school. Hoob no qhia txog kev sau ntawv xovxwm rau cov menyuam uas xav mus ua txoj haujlwm tub xovxwm. Yuav siv lub District Tus Qauv Kev Luam Ntawv. Kawm ib semester hauv hoob no yuav ua rau koj nkag tau mus kawm txoj haujlwm tub xovxwm. Koj kawm tau ua ib semester lossis ib xyoos. Hoob no kawm tau ib semester yuav 5 credit lossis kawm ib xyoo yuav 10 credits.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Literary Publications II — 02632

Department: English | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: No**

Hoob tuamyeem kawm no hais ntau txog kev luam lub high school tsab ntawv xovxwm lossis xovxwm magazine. Cov menyuam kawm tawv yuav tau sau xovxwm rau tsab ntawv xovxwm, tuav ib teg haujlwm, muag kev tshaj tawm kom puv lawv qhov quota thiab koomtes rau txhua yam kev ua hauv kev luam tsab ntawv xovxwm. Nws tseem nquahu kom cov menyuam kawm ntawv mus koom ntau lub rooj seminars uas luag muaj thiab koom cov kev sib tw txhua xyoo. Hoob no yog qhov pib hauv kev sau ntawv xovxwm rau cov menyuam uas xav mus kawm ntxiv txog kev ua tub xovxwm. Yuav siv lub District Tus Qauv Kev Luam Ntawv. Kawm ib semester hauv hoob no yuav ua rau koj nkag tau mus kawm txoj haujlwm tub xovxwm. Hoob no yog ib hoob yuav tau kawm rau kev mus kawm ua tub xovxwm.
Yam yuavtsum tau kawm uantej: cov ntaub ntawv luam tawm nrog qhab-nees C lossis siab dua
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Literary Publications III — 02633

Department: English | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: No**

Hoob tuamyeem kawm no yog tsim los rau cov menyuam kawm ntawv uas xav mus kawm txog kev muab xovxwm (xwsli, tub xovxwm, neeg hais xovxwm hauv xovtooj cua losis TV). Hoob no yog ib hoob uas kawm txuas hoob sau ntawv xovxwm uas kawm tshwjxeeb txog kev tshawb nrhiav xovxwm, sau xovxwm rau lub tsev kawm ntawv tsab ntawv xovxwm thiab lwm tsab ntawv xovxwm. Nws yuav qhia txog kev tshuaj ntau yam xovxwm thiab kev sau ntawv xovxwm. Yuav tau nyeem xovxwm txog kevcai tswj pejxeem thiab plaub ntug, kev zoo thiab kev phem (ethics), keebkwm, kev lagluam, kev tswjfwm, thiab tub xovxwm tes haujlwm. Yuav muaj kev xyaum ntau txog kev sau thiab tshaj tawm txog xovxwm. Yuav siv lub District Tus Qauv Kev Luam Ntawv. Hoob no yog ib hoob yuav tau kawm rau kev mus kawm ua tub xovxwm. Qee lub tsev kawm ntawv, yuav muaj cov kev luam ntawv xovxwm tshwjxeeb.
Yam yuavtsum tau kawm uantej: Successful completion of Literary Publications II
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Literature Studies — 02620

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm ntawv Askiv no tsuas yog kawm tib semester xwb, thiab yog tsim los txhawb cov tub ntxhais kom paub tias kev nyeem ntawv hauv lawv lub neej muaj qab hau npaum licas. Qhia cov tub ntxhais kom paub txog tej lawv yuav tsum tau muaj thiaj paub hais tias lawv nyob rau qhovtwg lawm hauv lub ntiajteb no, kev nyeem ntawv no yog ib lub sijhawm rau lawv xaiv thiab xaiv tej uas lawv nyiam uas tseemceeb rau lawv kev tsim kom muaj kev xav nyeem ntawv dua li thaum kawm ntawv xwb. Cov phau ntawv yog xaiv los ntawm cov tub ntxhais hauv hoob kawm, lub tsev kawm ntawv, lossis librairies rau cov tub ntxhais. Los ntawm kev nyeem ntawv, kev sau ntawv, thiab kev sis tham, cov tub ntxhais yuav muaj sijhawm los mus siv tej txujci lawv kawm tau txog kev nyeem ntawv los pab kom lawv nyeem tau ntawv zoo tshaj thiab nyeem tau ntawv ntawm lawv tus kheej thiab paub xav toj txog cov phau ntawv uas lawv tau nyeem. Hoob no rov kawm tau dua tiamsis tsuas pub kawm yuav txog 20 credits xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Mythology — 02690

Department: English | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: English (g) | **NCAA: Yes**

Hoob elective course no yuav muaj tshawb nrhiav txog dab neeg (mythology) nyob ntiaj teb no. Cov tub ntxhais hluas yuav nyeem thiab tham txog cov dab neeg nyob rau Greek, Roman, African, Middle Eastern, thiab Far Eastern kab lis kev cai. Hoob no yuav qhia txog themes, symbolism, commonalties, archetypes, thiab motifs nyob rau cov dabneeg. Hoob no yog rau cov tub ntxhais hluas xav tshawb nrhiav ib yam zoo tshaj uas muaj paus muaj ntsis, los pab kom lawv paub txhua yam txog tej dab neeg kawm no. Hoob yuav tsum tau kawm ua ntej: English 9 los yog muaj kev pom zoo los ntawm tus naiku.
Cov ntaub ntawv uas siv: World of Mythology, National Textbook Company

Mythology Survey — 02691

Department: English | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob survey no yog tsim los qhia cov tub ntxhais txog (mythology) cov (dabneeg), uas qhia txog tej dabneeg puag txheej thaum ub, tsi hais los ntawm cov neeg Greek, mus rau Suav, Nyibpooj, Pacific Islander, Egyptian, West African, Babylonian, thiab Hindu tej dabneeg, thiab lwm cov. Cov tub ntxhais yuav los sojntsuam txog ntau hom dabneeg uas tau muab coj los ua yeeb yam rau sawvdaws tau saib, sau pajhuam, thiab tej dabneeg uas tej haivneeg muaj, muab tej dabneeg no coj los xav thiab seb nws sis txuas tau licas nyob nruab nram ntawm tej haivneeg thiab zoo licas rau lawv lub neej. Los ntawm kev nyeem ntawv, kev sau ntawv, thiab kev sis tham txog tej uas kawm no, cov tub ntxhais yuav siv tej txujci uas lawv tau kawm no los mus sojntsuam thiab sau ntawv kom totaub ntau dua txog ntau hom dabneeg ntawm ntau haivneeg nyob rau peb tej keebkwm dhau los. Tomqab uas kawm tiav hoob no lawm, cov tub ntxhais tejzaum yuav xav mus kawm tob ntxiv txog cov dabneeg nyob rau lub semester course thiab.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Public Speaking I — 02641

Department: English
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: English (g) **NCAA: Yes**

Hoob tuamyeem kawm ib-semester no yog tsim los rau cov menyuam kawm ntawv uas xav kom tuskheej muaj cuabkav thiab muaj peevxwm hais tau lus zoo timntsej timmuag ntawm tej pab tibneeg coob coob. Tej uas yuav kawm txog hauv hoob no yog tej yam kev hais lus, xwsli xyaum hais txog yam yus tau ntsib, hais ua qauv, hais qhia, hais haub, thiab hais tamsid, nrog rau kev hais piav qhia, hais lus txhais txog tej zaj dabneeg thiab/lossis pajhuam, tej uas yus hnov, thiab sib cam txog tej yam dabtsi. Dua li, cov menyuam kawm ntawv tseem yuav los sib koom ua projects uas yog kev tshaj tawm txog ib yam khoom, kev nug thiab teb (interview), sib tham txog kev daws teebmeem, thiab sau txog ib qhov hais tawm hauv TV. Qee zaum cov menyuam kawm ntawv tseem yuav raug thaij duab hais lus (videotape, thiab siv qhov ntawd los kho lawv cov kev hais lus thiab txhawb kom lawv dhau los ua ib cov tibneeg uas hais tau lus zoo tshaj qub. Hoob no suav tau ua lub District ib hoob
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Public Speaking II — 02642

Department: English
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: Elective: English (g) **NCAA: Yes**

Hoob tuamyeem kawm no yog tsim los rau cov menyuam kawm ntawv uas xav ntxiv lawv txoj kev paub hais lus thiab siv txoj kev paub hais lus no rau hauv ntau yamkev hais lus, rau tej yam tshiab thiab tej yam uas twb hnov dua lawm. Tej uas yuav kawm txog hauv hoob no yog tej yam kev hais lus thiab ua projects uake, xwsli xyaum hais txog yam yus tau ntsib, hais qhia, hais haub, thiab hais tamsid, hais piav qhia, hais lus txhais txog tej zaj yeebyam nrog ib tus phoojywg, sib tham txog kev yuav ua licas thiaj daws tau teebmeem zoo, thiab sau txog ib qhov hais tawm hauv TV, hais rau ib pab neeg coob coob. Rov kawm ntxiv yuav credit tau. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 10 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Public Speaking I.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Strategic Reading 9 — 02605

Department: English
Grade Level: 09 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

Hoob no yog tsim los pab cov menyuam kawm ntawv kom paub cov ntsiab lus, nyeem tau ntawv npliag, nyeem totaub, paub sau raws kevcai (grammar), thiab txawj sau kom pab tau lawv kawm cov hoob tseemceeb. Yuav qhia ntau txog kev totaub txog cov ntawv thiab cov ntsiab lus.
Cov ntaub ntawv uas siv: Edge: Reading, Writing & Language (Level B), Hampton-Brown

Writing to Discuss and Debate — 02710

Department: English
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

Hoob elective uas kawm ntawv Askiv no yog tsim los kawm kom paub lus, paub ntawv thiab kom muaj kev totaub ntau ntxiv rau cov uas twb kawm ntawv Askiv ntev ntev lawm (Long-Term English Learners (LTEL) thiab cov uas twb raug Re-designated uas twb muab lawv rho tawm mus kawm nrog cov paub ntawv askiv zoo lawm tiamsim tseem muaj kev kawm tu ncua thiab. Cov kev kawm nyob rau hoob no yog kawm kom paub lus, paub cov lus vocabulary, thiab kom paub sau ntawv. Thematic units pab kom cov tub ntxhais kawm txuas tau rau science, lej thiab social studies uas yog cov kev kawm tseemceeb. Nyob rau cov kev kawm kuj muaj cov (activites) uas qhia kom nws paub lus thooj txhij tib lub sijhawm uas qhia kom nws paub nyeem ntawv thiab. Cov tub ntxhais yuav kawm txog kev sau ntawv thiab oral projects uas yog txhawb los ntawm cov kev tshawb nrhiav tau txog cov kev qhia uas zoo tshaj plaws rau kev mloog lus, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv uas yuav tsum muaj rau cov uas tabtom kawm ntawv Askiv kom yuav hais tau lus zoo thiab muaj peevxwm paub txog lawv lub peevxwm rau lawv kev kawm ntawv thiab lawv tus kheej.
Qhov uas yuav tsum tau ua uantej: Muab tso kawm los ntawm pab EL team Yuav tsum tau kawm thooj txhim tib lub sijhawm: Cov tub ntxhais uas kawm nyob rau qib 9-12 uas yeej yog cov kawm ntawv askiv ntev lawm lossis cov uas twb raug muab rho tawm mus kawm nrog cov paub ntawv askiv zoo lawm tiamsis teem muaj kev tu ncua rau kev kawm thiab
Cov ntaub ntawv uas siv: English 3D, Course B, Volume 2

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Yearbook

02635

Department: English
Grade Level: 09-12
Credits: 10.0
Max Credits: 40.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no yog tsim los ua hoob uas ua lub high school phau yearbook. Cov menyuam kawm ntawv yuav sau ntawv thiab npaj copy thiab kawm txog cov kev los tsim thiab ua phau yearbook. Cov menyuam kawm ntawv yuav tau los tuav ib tes haujlwm, ua kom txhua yam tiav raws li lub sijhawm uas tus xibfwb tau teem tseg, thiab ua cov pab muag phau ntawv. Cov menyuam kawm ntawv tseem yuavtsum tau mus koom rau txhua kev ua uas hais txog phau yearbook thiab nrog faib phau ntawv ntawd. Hoob no suav tsis tau ua ib hoob Fine Arts hauv kev kawm kom tiav. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Kev xaiv neeg yog xaiv raws daim ntawv thov nkag thiab xibfwb tsocai nkaus xwb
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Health

Health — 15000

Department: Health
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Health
UC/CSU: Electives (g) **NCAA: No**

Hoob kawm no yuav kawm txog kev txhawb kom muaj kev noj qab haus huv, tiv thaiv kom txhob muaj mob, thiab yuav ua licas thiaj yuav txo tau tej no. Cov ntsiab lus yuav kawm tej zaum yuav hais txog kev tiv thaiv rau kev haus yeeb haus tsuaj, kawm kom paub txog kev tiv thaiv rau kev pw ua niamtxiv, kawm kom paub txog kev tiv thaiv rau kev muag cev, kev noj zaub mov zoo, first aid, thiab kev qhia txog kev nias lub plawv kom rov qab ua haujlwm, muaj kev kawm txog kev tawm dagzog, kom paub tu tus kheej kom huv, kom tsi txhob muaj kev nyuaj siab/ muaj peevxwm ua tau ntawm tus kheej, thiab qhia txog cov haujlwm rau kev khomob.
Cov ntaub ntawv uas siv: Glencoe Health, McGraw-Hill, Copyright 2022

Health EL — 15800

Department: Health
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Health
UC/CSU: Electives (g) **NCAA: No**

Hoob kawm no yog tsim los qhia rau cov tabtom kawm ntawv Askiv uas nyuam qhuav tuaj tshiab tuaj kom paub zoo txog kev noj qab haus huv, paub tiv thaiv tej kabmob, thiab kom tsi txhob muaj kev tu ncua. Cov units rau kev kawm yog hais txog kev siv yeej tshuaj quaj yeej quaj tshuaj, kawm txog neeg lub cev, kev noj qab haushuv, pab thaum raug mob (first -aid, Kev mob nkeeg kev tawm dag zog, kev huv, teebmeem rau kev xav/ saib taus yug tus kheej thiab hais txog cov haujlwm uas muaj feem rau kev khomob. Hoob ELD no muaj qauv rau kev qhia uas yog qhia lus, sau ntawv thiab nyeem ntawv. Tus xibfwb yuav siv ntau yam kev qhia los pab rau cov uas kawm lus Askiv raws li lawv kev tu ncua kom totaub. Hoob no suav tau rau district health kev kawm ntawv tiav.
Yuav tsum kawm uantej: ib hoob general science. Kev uas yuav muab tso rau cov hoob kawm yuav yog saib los ntawm cov kev xeem no: (xeem seb nws paub nws hom lus npaum cas, CELDT/ELPAC, SBAC/CAASPP, program placement, etc.).

Cov ntawv qhia: Glencoe Health, McGraw-Hill, Copyright 2022

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

History/Social Science

African American Studies — 01604

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hauv hoob no, cov tub ntxais hluas yuav ntsuam xyuas txog haivneeg Meskas dub (African American) keeb kwm, kab ke, kev lig kev cai, kev vam meej, thiab nws kev pab/hloov lub ntiaj teb tam sim no. Hoob no qhia raws li tus qauv qhia ntawv (California State framework) thiab yuav kawm txog tej teeb meem muaj niaj hnub no, xws li kev yuam tawm teb chaws (African Diaspora), kev rov qab kho sab qab teb (Reconstruction of the South), lub sijhawm pib dua tshiab (Harlem Renaissance), thiab lub sijhawm tawm tsawm kom tau kev ncaj ncees (Civil Rights Movement). Tej yam txuj ci tseem ceeb yuav tsum muaj yog txawj siv lub hlwb los xav, txawj nyeem ntawv, sau ntawv, daws teeb meem, sau cov ntawv tseem ceeb cia kom txhob hnov qab, thiab txawj rov qab hais/txhais lo lus. Kev qhia nyob rau hoob no yog vam kom pab zoo siab rau yus tus kheej thiab txhawb cov tub ntxhais hluas kev ua zoo xav thaum kawm ntawv ntxiv mus.
Cov ntaub ntawv uas siv: Tsis muaj

American Government — 01310

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob no yog tsim los npaj cov menyuam kawm ntawv kom paub txog lawv cov cai thiab tej uas lawv yuavtsum tau ua uas yog ib feem hauv kev kawm kom tiav. Yuav kom ua tau li no, lawv yuav kawm txog ntau phab thiab ntau lub koomhaum hauv peb tej tseemfwv, hauv nroog mus txog hauv lub tebchaws. Yuav kawm txog cov koomhaum tuav txoj cai, kev saib txhua tus tib yam, lub ERA, thiab txoj kev tswj thiab hasi plaub ntug. Yuav caw cov neeg sab nraud tuaj qhia cov menyuam kawm ntawv kom lawv totaub txog tej yam xwmtxheej loj uas los cuamtshuam txog kev tswjfwm niajhnub nimno thiab tej kev uas cov nomtswv siv los txiavtxim siab rau tej yam.
Cov ntaub ntawv uas siv: Impact California Social Studies: Principles of American Democracy, Copyright 2019, McGraw-Hill Education

American Government, Newcomer EL — 01840

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: American Government | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim los npaj qhia cov uas nyuam qhuav tuaj tshiab tuaj kom paub lawv tej cai thiab kom ua tau ib tus tibneeg coj zoo, uas yog ib qhov uas tau raug samfwm kom yuav tsum tau kawm thiaj li yuav kawm ntawv tiav. Yuav kom ua tiav qhov no, yuav tau los kawm txog ntau phab thiab tej koomhaum (government) nomtswv kev tswj, pib los ntawm hauv lub zej zos mus rau tasnrho lub tebchaw no. Feem ntau yuav los nyeem ntawv, saib videos, simulations, thiab lwm yam actitivites uas yuav los txhawb tau kev kawm. Hoob kawm no yeej kawm raws li cov qauv kawm ntawv rau ELD rau kev kawm lus, kev sau ntawv, thiab tej yam yuav kawm -tshwjxeeb rau kev nyeem ntawv. Cov xibfwb yeej siv ntau vibthis los mus qhia kom ncav cuag cov tub ntxhais uas tseem tabtom kawm ntawv Askiv tej kev tu ncua.
Tej uas yuav tsum tau ua lossis kawm uantej: Kev uas yuav muab tso kawm licas yuav yog saib los ntawm tus EL coordinator, counselor, thiab lossis saib rau ob peb yam kev sojntsuam xwb li (primary language proficiency, ELPAC, SBAC/CAASP, program placement, etc.)
Cov ntaub ntawv siv los kawm: Impact California Social Studies: Principles of American Democracy, Copyright 2019, McGraw-Hill Education

AP Government and Politics Comparative — 01629

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** US History (a) | **NCAA: No**

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Government and Politics United States — 01330

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob no yog tsim los qhia rau cov menyuam kawm ntawv uas xav kawm hoob American Government thiab Politics uas zoo tib yam li hoob uas kawm ib-semester hauv college. Cov menyuam kawm ntawv yuav kawm tob txog tsab kevcai tswjfwm hauv tseemfwv Amelikas; cov kev ntseeg hauv kev tswjfwm thiab cov coojpwm; tej faim kev tswjfwm (political parties) thiab cov neeg txhawb; tseemfwv qibsiab, tseemfwv xeev, thiab tseemfwv hauv nroog; txoj kev tsim cov kevcai tswjfwm, thiab koomhaum tuav neeg txoj cai thiab saib kev ywjpheej. Yuav muaj kev nyeem ntawv, sau ntawv thiab tshawb nrhiav ntau hauv hoob no. Thaum kawm tas, cov menyuam kawm ntawv yuav mus xeem tau tus AP examination rau government. Hoob no suav tau ua lub District ib hoob Government rau kev kawm kom tiav thiab ib hoob history lossis hoob tuamyeem kawm rau kev nkag mus kawm UC thiab CSU.
Cov ntaub ntawv uas siv: American Government Stories of a Nation, 2nd Edition, BFW Publishers

AP Govt & Politics US / Economics — 01335

Department: History/Social Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob no pib qhia tej yam yooj yim ntawm kev cai tswj kev khw/siv/faib nyiaj (economic systems) thiab cov market-based system, tsoom fwv txoj hauv kev los tsim kev cai thiab kev ua raws tej cai. Hoob kawm no ua tau raws li qho economics thiab government kev cai lawv ntawv requirement lawm. Lub hoob no siv ib xyoos los kawm thiab yuav kawm txog Honors Economics thiab Advanced Placement Government. Thawj hoob kawm yuav qhia txog kev txiav txim siab rau ib yam xws li inflation, recession, thiab unemployment. Hoob kawm thij plaub uas kawg rau kev kawm, yuav qhia txog kev txiav txim rau ib leeg los yog rau kev ua lagluam. Lub sijhawm yuav qhia txog kev qeb siab ntawm tsoom fwv, nyob rau lub sijhawm thij ob los yog peb, thiab nws yuav pub sijhawm zoo rau tus tub/ntxhais kawm credit rau tsev kawm ntawv qeb siab yog tias nws tw xeem daim AP government examination. Cov tub/ntxhais yuav kawm txog ntau yam ntawm lub constitutional foundation nyob rau tsoom fwv hauv teb chaw Meskas, cov pej xeem chaw nyob ntawm kev ua nom ua tswv/kav teb chaws; cov koos txoos rau cov nom cov tswv thiab lwm pab uas muaj; cov tsev haujlwm institutions nyob rau teb chaws, lub xeev, thiab cov tsoom fwv hauv zos; txoj hauv kev yuav tsim kev cai kav teb chaws, thiab tej cai ntawm tej pej xeem thiab kev ywj pheej. Yuav tau ua ntau ntau yam kev nyeem ntawv, sau ntawv, thiab tshawb nrhiav. Nco tias: Honors Economics TSIS SIV qho 5-point scale los qhia qhab nee.
Cov ntaub ntawv uas siv: American Government Stories of a Nation, 2nd Edition, BFW Publishers

AP Human Geography — 01030

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Geography | **UC/CSU:** World History (a) | **NCAA: Yes**

Hoob no qhia cov tub ntxhais hluas txoj kev systematic kawm txog tus qauv yuav tau raws (patterns) thiab txoj hauv kev uas hloov tau tibneeg kev nkag siab, kev siv, thiab pom kev hloov ntawm lub ntiaj teb ntsej muag. Cov tub/ntxhais yuav tsum xav txog yam uas tshwm sim ua ntej thiab kev txhuaj ntsuam tej toj roob hauv pes los pab xam txog tibneeg kev sib raug zoo koom tes ua haujlwm thiab lawv txoj kev cuam tshuam rau thaj chaw nyob. Cov tub/ntxhais yuav kawm txog tej tswv yim thiab tw hlau uas cov kws geographers siv rau science thiab kev xyaum.
Cov ntaub ntaw uas siv: Human Geography, A Spatial Perspective (AP Edition), National Geographic Learning, Cengage Learning, Copyright 2021

AP Macroeconomics — 01440

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no qhia txog txhua yam ntawm cov kev cai los tswj kav txoj kev siv nyiaj/faib nyiaj (economics) ntxiv rau lub economic system ua ib thooj ua ke. Qho tseem ceeb yauv tau kawm txog yog teb chaws Meskas tej nyiaj hli thiab nqe yuav tsum txiav txim rau, thiab kev tsim/hloov ntawm nyiaj uas yuav tsum tau ntsuam xyuas txog, nws kev loj hlob, thiab kev siv nyiaj thoob lub ntiaj teb.
Cov ntaub ntawv uas siv: Krugman's Economics for AP, 4th Edition, BFW Publishers

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Microeconomics — 01430

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no qhia kom totaub ntxawg txog cov qauv hauv kev lagluam uas tej tus tibneeg, tsis hais cov yuav khoom lossis cov ua yam khoom, siv los txiavtxim siab txog kev lagluam. Nws hais ntau txog yam khoom thiab qhov uas neeg siv yam khoom los ua dabtsi, thiab hais txog txoj kev lagluam thiab tseemfwv li feemcuam hauv kev txhawb kom txoj kev lagluam khiav zoo thiab haum rau sawvdaws.
Cov ntaub ntawv uas siv: Krugman's Economics for AP, 4th Edition, BFW Publishers

AP Psychology — 01603

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no pub cov tub ntxhais hluas txais tau peb units uas yog college credit rau xyoo junior lossis senior. Hoob no yog ib hoob yuav kawm ceev ua ib-semester uas cov tub ntxhais yuav tau sibzog thiab mob siab kawm thiaj tau. AP Psychology no qhia zoo li thawj hoob pib kawm nyob rau tsev kawm ntawv qeb siab (introductory college-level course). Cov ntaub ntawv qhia hauv hoob AP psychology no yuav muaj ob yam kev kawm uas yog Psychology A thiab B hauv ib lub semester, tsis faib uas ob lub semester. Hoob Psychology I yuav pab tau yog cov tub ntxhais, tiam sis nws tsis yog ib hoob yuav tsum tau kawm. Muaj kev pom zoo txhawb lawv mus xeem daim AP exam. Hoob no suav tau ua ib hoob elective kawm rau kev nkag mus kawm UC thiab CSU.

Cov ntaub ntawv uas siv: Myers' Psychology for AP, Worth Publishers

AP Psychology — 01620

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no pib qhia cov tub ntxhais hluas txog ob yam kev kawm (systematic thiab scientific) ntawm tibneeg thiab tsiaj tus yav ntxwv thiab lub hlwb kev ua haujlwm. Cov tub/ntxhais yuav paub txog tej yam tseeb ntawm tibneeg lub hlwb/kev xav (psychological facts), kev cai tswj (principles), thiab yam tshwm sim (phenomena) uas txuas rau tej yam hoj nyob rau psychology. Lawv yuav tau kawm txog cov tswv yim cov kws psychologist siv pab tshawb nrhiav txog txoj hauv kev saib nws zoo xws li meej pem los tsis meej pem, kev xav, kev hnov, thiab kev nqis tes. Hoob no ua tau raws li UC thiab CSU kev cai elective requirements lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Txais kev pom zoo los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Myers' Psychology for AP, Worth Publishers

AP US History — 01230

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob no yuav qhia tob txog U.S. history rau cov menyuam kawm ntawv uas xav kawm hauv high school kom tau college credit. Yuav siv ntau yam kev pab, ntaub ntawv thiab tej statistical tables los qhia kom cov menyuam kawm ntawv kom txawj xav thiab siv ntaub ntawv los daws teebmeem thiab cov xwmtxheej hauv keebkwm neeg Amelikas. Ib qhov tshwjxeeb hauv hoob no mas yog qhia kom cov menyuam txawj sau ntawv txog qhov uas yuav los xeem dhau feem sau ntawv hauv tus AP examination
Cov ntaub ntawv uas siv: Give Me Liberty: An American History, 6th Edition, Norton Publishing

AP US History Skills — 01231

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav kawm txog cov txujci "attacking" times, saib cov lus nug thiab cov kev xaiv (multiple choice section) Hoob kawm no kawm thooj txhij nrog rau hoob AP US History. Kev uas qhia tias qhov thesis statement tseebceeb npaum licas thiab kev sau cov lus nug rau essay yuav muaj kawm nyob rau hoob no.
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP World History — 01130

Department: History/Social Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World History
UC/CSU: World History (a) **NCAA: Yes**

Hoob no qhia txog keebkwm ntiajteb suav thaum luag pib tsim tej nroog loj los txog tamsim no, uas yog tiam tomqab 1000 A.D. los thiab yuav sib zog rau kev ua tib zoo xav thiab kev sau ntawv kom yuav muaj kev kawm nceqib rau ib hoob qhia txog keebkwm hauv college. Yuav kom ua tau li no, luag yuav los siv sijhawm ntau rau hauv kev ua tib zoo los xyuas tej ntaub ntawv uas luag teev tseg, xav txog cov kev hloov uas muaj rau tej ntu sijhawm, cov kev sib ntsib thiab sib cuag hauv ntau haivneeg. Yuav muaj kev nyeem ntawv thiab kev sib tham hauv hoob hais txog kev ua tib zoo xav txog tej yam xwmtxheej. Yuav sibzog rau cov kev uas yuav pab kom los xeem dhau tus AP World History exam thaum lub caij nplooj ntoos hlav.
Cov ntaub ntawv uas siv: Ways of the World- A Global History with Sources, 5th Edition, BFW Publishers

California History — 01618

Department: History/Social Science
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: History/Social Science (g) **NCAA: No**

Hoob no qhia txog kev ua nom ua tswv/kav teb chaw, kev siv nyiaj/faib nyiaj, thiab kev ua neej/sib raug zoo hauv lub xeev uas yog lub Golden State. Nws yuav qhia cov tub ntxhais hluas kom to taub txog lub hauv paus ntawm peb lub xeev li keeb kwm uas yuav pab npaj nws yuav ib tug pej xeem kom zoo nyob rau California. Cov tub/ntxhais yuav kawm txog ntau yam txuas rau lub xeev, xws li cov tibneeg uas tseem tseem nyob lub teb chaw California no (original Californians) thiab cov tibneeg Spanish uas tau tuaj ua vaj ua tsev nyob (Spanish Settlement), lub sijhawm mus nrhiav kub (Gold Rush), lub sijhawm pib muaj chaw ua lagluam thiab cov koom haum uas sib txhawb (unions) ntau zuj zus, kev pauv/hloov qho qub kom zoo tuaj (Progressivism), kev tsis sib haum xeeb hais txog tej av thiab dej (controversies), kev ua tso ua rog ob zaug nkaus (World Wars), lub caij uas txhua yam poob qes heev/muaj kev txom nyem (the Great Depression), kev loj hlob ntawm kev ua lagluam ua liaj ua teb (agribusiness), thiab cov teeb meem nrog rau kev ua neej nyob xyoo 1060s thiab tam sim no.
Cov ntaub ntawv uas siv: Tsis muaj

Cultural Studies — 01606

Department: History/Social Science
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: History/Social Science (g) **NCAA: No**

Hoob no qhia txog ntau yam xwsli cov keebkwm ntawm cov Amelikas Dub, Mev, Filipeej, Suav, Nyijpooj, Qhab Amelikas, thiab pojniam hauv lub Tebchaws Amelikas. Kev saib raws hom neeg, kev saib tsis taus, kev xav tias lwm tus yog dabtsi (stereotyping), thiab lwm yam kev ciav-cais. Cov menyuam kawm ntawv yuav los kawm txog cov haivneeg tsawg txoj kev raug tsimtxom thiab tej uas tej pab neeg tsawg tau muaj los pab lub neej nyob Amelikas. Qee yam loj uas yuav ua hauv hoob no yog kev xyuas cov films, tawm mus sab nraud (field trips), caw neeg tuaj hais lus (guest speakers), thiab cov kev mus koom lwm haivneeg cov kev ua tshwjxeeb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Economics — 01420

Department: History/Social Science
Grade Level: 12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Economics
UC/CSU: Elective: History/Social Science (g) **NCAA: Yes**

Hoob no qhia kom paub cov qauv txog txhua yam kev lagluam (basic principles of all economic systems) uas yuav qhia tshwjxeeb txog kev yuav thiab muag khoom (market-based system). Hoob no yog ib hoob uas yuavtsum tau kawm thiaj tiav. Tej yam tshwjxeeb uas yuav kawm txog yog cov qauv rau kev txiavtxim siab, muaj khoom tsawg (scarcity), yog sijhawm zoo (opportunity), tus nqi thiab cov qauv txog cov khoom uas muaj thiab neeg txoj kev xav yuav (supply and demand). Yuav los tsomxam txog cov qauv no raws li kev saib ntawm ib tus tibneeg, ib lub tebchaws thiab ntau lub tebchaws mus. Hoob no yog tsim los qhia kom cov menyuam kawm ntawv txawj los tsomxam txog lawv tuskheej txoj kev txiavtxim siab nrog kev los tshuaj txoj kev txiavtxim siab ntawm ib lub tuamtxhab kev lagluam (firm), lossis hauv lub tebhaws.
Cov ntaub ntawv uas siv: Impact California Social Studies: Principles of Economics, Copyright 2019, McGraw-Hill Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Economics, Newcomer EL — 01850

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Economics | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim los qhia cov uas nyuam qhuav tuaj tshiab tuaj kom paub txog kev ua lagluam kev noj nyob lub tebchaw no, uas yog saib tshwjxeeb rau kev ua lagluam. Cov ntsiab lus yuav los kawm yog kom paub txog cov qauv rau kev txiav txim siab, tej yam uas tsi tshuam muaj ntau lawm, tej sijhawm lub sijhawm uas zoo, yuav siv nyiaj txiag npaum licas, thiab los kawm txog cov qauv rau kev tsim tej khoom siv thiab tej uas yuav tsum tau muaj. Hoob kawm no yeej kawm raws li cov qauv kawm ntawv rau ELD rau kev kawm lus, kev sau ntawv, thiab tej yam yuav kawm -tshwjxeeb rau kev nyeem ntawv. Cov xibfwb yeej siv ntau vibthis los mus qhia kom ncav cuag cov tub ntxhais uas tseem tabtom kawm ntawv Askiv tej kev tu ncua.
Tej uas yuav tsum tau ua lossis kawm uantej: Kev uas yuav muab tso kawm licas yuav yog saib los ntawm tus EL coordinator, counselor, thiab lossis saib rau ob peb yam kev sojntsuam xwb li (primary language proficiency, ELPAC, SBAC/CAASP, program placement, etc.)
Cov ntaub ntawv siv los kawm: Impact California Social Studies: Principles of Economics, Copyright 2019, McGraw-Hill Education

Empowerment Skills For Young Adults — 01612

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yuav qhia txog cov menyuam kawm ntawv thiab lawv kev coj noj coj ua rau tiam no. Cov menyuam kawm ntawv yuav los kawm txog tej teebmeem ntawm tuskheej thiab hauv zejzos uas hais txog cov dhau los ua neeg loj lawm (adults). Cov yuav kawm txog yog: kev phoojywg, kev xav tias luag yog hom neeg dabtsi, tej uas media ua rau yus xav txog lwm tus, qhov yus pom txog lwm tus, lub zog hauv tsevneeg (family dynamics), teebmeem hauv zejzos, haujlwm, thiab lub cev ntajntsug thiab yus ua rau luag pom yus licas. Thaum cov menyuam los kawm txog hoob no lawv yuav muaj kev rov saib tuskheej thiab tshuaj tuskheej tias yus zoo licas lawm.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Ethnic Studies — 01627

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

Hoob kawm no yog tsim los qhia txog tej tseemceeb ntawm cov lus uas hais, kawm txog keebkwm, thiab kom muaj tej txujci uas yuav pab tau lawv los hais txog tej yam kev tsi ncaj ncees uas lawv tau ntsib thiab pom. Cov kawm yuav totaub txog kev uas nrog tau tibneeg nyob uake, nomtswv, thiab muaj kev kawm tib lub sijhawm uas tseem tabtom kawm txog tej txujci no. Cov tub ntxhais yuav los saib tob txog tej yam keebkwm ntawm tej lub ntsiab lus (dua li uas kawm txog tej keebkwm ua ntu zus raws sijhawm) nrog rau tej kev xav thiab tswvyim uas muaj rau lwm haivneeg thiab tej kev kawm txog pojniam thiab txivneej.
Qhov yuav tsum tau kawm uantej: Tsi muaj
Cov Ntaub Ntawv Siv Los Qhia: Our Stories in Our Voices, Copyright 2019, Kendall Hunt Publishing Company

History of Chicanos/Latinos — 01605

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

Hoob no yog ib hoob uas qhia txog cov tibneeg Chicano/Mexican thaum lub sijhawm uantej cov Spanish tuaj kav cov tebchaws phab Amelikas (the Americas) los txog tiam no. Cov menyuam kawm ntawv yuav kawm dav dav txog cov kev coj noj coj ua, kev ntseeg, kev kawm ntawv, kev noj nyob, kev khiav tebchaws, thiab kev sawv tuav txoj cai thiab los tshuaj txog tej uas cov Spanish, Qhab (Indian), thiab Mev (Mexican) tau pab rau kev vammeej ntawm phab Hnub Poob hauv Tebchaws Amelikas no. Cov menyuam kawm ntawv tseem yuav los kawm txog qhov uas tej hom neeg thiab tej theem neeg (class) tau los hloov tibneeg tus coojpwm thiab qhov uas hais tias yus yog leejtwg hauv cov tibneeg uas yog noob Mev.
Cov ntaub ntawv uas siv: Mexican American Literature, Harcourt

IB Global Politics SL — 20013

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob kawm no yog qhia txog ntau yam tseem ceeb txog kev ua nom ua tswv uas nyob rau hauv IB Global Politics nrog rau lub xeev CA Cov Qauv Rau Kev Tswj thiab Kev Ua Lagluam. Lub tswvyim no qhia txog fwjchim, kev ncaj ncees, ua kom nyob taus mus ntev, kev thaj yeeb nyab xeeb, thiab tej teebmeem. Hoob kawm no yuav cia cov tub ntxhais kawm kom totaub ntxiv txog kev ua nom tswv hauv lub zej zos, lub tebchaw, thiab mus rau lwm lub tebchaws, thiab nyob thoob plaws lub ntiajteb thiab yuav cia lawv los tshawb nrhiav txog tej teebmeem kev ua nom ua tswv uas tabtom raug rau lawv lub neej tamsim no. Cov tub ntxhais yuav kawm kom paub txog Meska kev ua Nom tswv thiab muab tej tswvyim no mus siv nyob thoob plaws ntiajteb. Nyob rau kev kawm ua ntu zus hauv hoob no, cov tub ntxhais yuav tsum xeem kom dhau thiab ua kom tiav internal thiab external asessments tsi hais kev uas ua daim ntawv tshawb nrhiav (research paper) raws li nws kev koomtes txog kev ua nom ua tswv.
Hoob yuav tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: IB Global Politics Course Companion, Oxford IB Diploma Programme, Oxford University Press

IB History Route 2 (Americas) HL1 — 20011

Department: History/Social Science | **Grade Level:** 11 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob IB no yuav kawm tob txog 20th Century World History thiab feem ntau txog Keebkwm Neeg Amelicas. Thaum kawm grade 11th, cov menyuam yuav kawm txog U.S. History uas feem ntau yog kawm txog Keebkwm Neeg Amelicas. Thaum kawm grade 12th, cov menyuam yuav kawm txog keebkwm tiam 20th Century. Thaum txog xyoo 2, cov menyuam yuavtsum xeem dhau thiab ua tas cov kev sojntsuam sab hauv thiab sab nraud ua daim ntawv tshawb nrhiav txog keebkwm.
Yam yuav tsum tau kawm Uantej: Tsi Muaj
Cov ntaub ntawv uas siv: HL1: History of the Americas 1880 - 1981, Course Companion, Oxford University Press HL2: 20th Centrury World History, Oxforn University.

IB History Route 2 (Americas) HL2 — 20012

Department: History/Social Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob IB no yuav kawm tob txog 20th Century World History thiab feem ntau txog Keebkwm Neeg Amelicas. Thaum kawm grade 11th, cov menyuam yuav kawm txog U.S. History uas feem ntau yog kawm txog Keebkwm Neeg Amelicas. Thaum kawm grade 12th, cov menyuam yuav kawm txog keebkwm tiam 20th Century. Thaum txog xyoo 2, cov menyuam yuavtsum xeem dhau thiab ua tas cov kev sojntsuam sab hauv thiab sab nraud ua daim ntawv tshawb nrhiav txog keebkwm. Cov tub ntxhais uas kawm dhau hoob no lawm yuav tsi tau kawm hoob Government li tau samfwm kom kawm.
Yam yuav tsum tau kawm Uantej: IB History, HL Xyoo 1 tau tus C ossis zoo dua
Cov ntaub ntawv uas siv: HL1: History of the Americas 1880 - 1981, Course Companion, Oxford University Press HL2: The Cold War: Superpower Tensions and Rivalries Course Companion and Authoritarian States Course Companion; Copyright 2015, Oxford University Press

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB History SL Year 1 — 20010

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: US History | **UC/CSU:** US History (a) | **NCAA: Yes**

nyob rau thawj xyoo ntawm xyoo thib ob, cov tub ntxhais yuav kawm kom paub txog tej keebkwm nyob lub tebchaws meska no thiab kawm tej ntsiab lus hais txog US History. Nyob rau thaum pib kawm ib nrab ntawd yuav los mus sojntsuam txog keebkwm nyob lub tebchaw Meska no tsi hais kev ua nom ua tswv, kev ua lagluam, thiab kev sis raug zoo nrog rau txawv tebchaw, qhov thib ob yuav kawm txog tus kheej thiab sawvdaws li kev pom txog tej uas kawm ntawd. Yuav siv tej ntaub ntawv, thiab tej kev qhia statistics los kawm, cov tub ntxhais yuav kawm kom paub sojntsuam txog tej txujci uas yuav tsum muaj los daws tej teebmeem uas muaj nyob lub tebchaw Meskas no los ntawm kev uas kawm txog thiab daws tej teebmeem nyob thoob ntiajteb thiab qho no yuav npaj lawv rau kev kawm xyoo 2. Yuav kawm tshwjxeeb kom paub txog tej txujci sau ntawv (critical writing) uas yuav tsum tau paub thaum xeem IB exam, uas yog sojntsuam txog tej kev tshawb nrhiav txog keebkwm.
Qhov uas yuav tau kawm uantej: Tsi Muaj
Cov Ntaub Ntawv Siv Los Qhia: American Issues: A Primary Source Reader in United States History, Volume 1, 5th Edition and American Issues: A Primary Source Reader in United States, Volume 2, 5th Edition

IB History SL Year 2 — 20009

Department: History/Social Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: American Government | **UC/CSU:** US History (a) | **NCAA: Yes**

(Social Science, Qib 12) (kawm- ib xyoo,tau 10 credits) Hoob kawm IB no yuav kawm nyuaj thiab ceev heev txog Keebkwm Ntiajteb Tiam 20 (20th Century World History). Thaum lub sijhawm uas kawm qib 11, cov tub ntxhais yuav kawm txog US History lub sijhawm uas lawv tseem tabtom kawm txog cov tswvyim rau keebkwm, thiab lwm yam txujci uas yuav raug xeem tomqab kawm tas xyoo 2. Thaum kawm qib 12, cov tub ntxhais yuav sojntsuam txog cov ntsiab lus kawm nyob rau hauv keebkwm tiam 20th. Tomqab uas kawm tas xyoo 2, cov tub ntxhais yuav tsum xeem kom dhau thiab ua kom tiav kev sojntsuam tsi hais sab hauv lossis sab nraud tibsi tsi hais kev uas xa tej ntaub ntawv tshawb nrhiav txog keebkwm tuaj tibsi.
Hoob yuav tsum tau kawm uantej: IB History, kawm ib xyoo rau SL thiab yuav tsum tau tus C lossis zoo dua
Cov ntaub ntawv siv los kawm: Authoritarian States Course Companion

International Relations — 01609

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no qhia cov tub ntxhais hluas ntsuam xyuas tej haujlwm thiab teeb meem ntawm teb chaws Meskas United States uas txuas rau kev raug zoo nrog lwm lub teb chaws tom qab ua tsov ua rog (World War II). Nws saib txog cov teeb meem ntawm kev nyab xeeb, xws li kev ua tsov rog (cold war) thiab kev muaj ntau lub foob pob tua tau tib neeg coob heev (nuclear proliferation). Yuav tshawb kawm txog kev tsim tej kev cai raug zoo nrog lwm lub teb chaws txawv (foreign policy) thiab teb chaws Meskas kev cog lus (U.S. treaties) uas txuas rau kev nyab xeeb. Cov tub/ntxhais yuav tau koom tes tshawb nrhiav, tsim kom tau, nthuav tawm, thiab twv seb tej yam dab tsi yuav tshwm sim raws li keeb kwm thiab tej teeb meem muaj tam sim no, kom pab nkag siab txog teb chaws tej kev txhawj xeeb yav tom ntej.
Cov ntaub ntawv uas siv: Tsis muaj

Modern African American Studies: 1970's-Present — 01628

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Nyob hauv hoob kawm no, cov tub ntxhais yuav los saib txog cov Meska Dub tej teebmeem uas niaj hnub nimno muaj thiab yuav los saib txog tej cov ntsiab lus xws li, nws zoo li cas tomqab Modern Civil Rights Movement (kom muaj kev ncaj ncees rau cov dub thiab kom lawv muaj cai tibyam li cov neeg tawv dawb), kev hloov ntawm cov dub txij 70's Cultural Revolution, Kev nkag tau rau kev ua nkauj mus rau Hip Hop/Soul Music, Dub tej kev ua yeeb yaj kiab /Directors/Producers, thiab Kev Sis tw los ua nom ua tswv. Hoob kawm no yog yuav kawm raws li tus qauv kawm nyob hauv lub Xeev California no thiab yuav kawm txog tej txujci xws li kom paub xav tob, kev nyeem ntawv, kev sau ntawv, thiab kev daws teebmeem, kev sau ntawv (note-taking), thiab kev hais lus txhais txog tej uas kawm ntawd. Cov kev kawm hauv hoob no yuav pab kom muaj kev totaub txog tej kev nyuaj rau cov Meskas Dub thiab tej uas lawv ua tau tiav nyob rau lub tebchaws Meska no txij li thaum 1970 los mus txog hnub no.
Qhov yuav tsum tau kawm uantej: Tsi muaj
Cov Ntaub Ntawv Siv Los Qhia: Tsi muaj cov phau ntawv rau hoob no

Political Science Honors — 01608

Department: History/Social Science | **Grade Level:** 12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** US History (a) | **NCAA: Yes**

Hoob kawm no qhia txog kev sau ntawv, rov qab saibxyuas cov ntawv nyeem, thiab tham lus qhia rau sawvdaws hmloog. Nws pub txais honors uas yuav pab tus tub/ntxhais npaj thaum mus kawm ntawv qeb siab yav tom ntej. Hoob no siv qho "5-point A" los muaj qhab nee. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Hoob kawm ua ntej mam kawm tau lwm hoob: Txais kev pom zoo kawm hoob no tib lub sijhawm kawm American Government thiab Politics, AP
Cov ntaub ntawv uas siv: Government by the People, Prentice Hall

Political Science, Introduction to — 01614

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no pib qhia cov tub ntxhais hluas kev kawm txog tsoom fwv (government), yuav tau ntsuam xyuas lub hauv paus ntawm kev ua nom ua tswv/kav teb chaws thiab kev kwv yees hais txog kev ua nom ua tswv/kav teb chaws niaj hnub no. Hoob no yuav tshawb nrhiav txog chaw tawm xovxwm lub luag haujlwm thiab kev cuam tshuam uas txuas rau cov ua nom ua tswv kev kav lub teb lub chaw. Txuas ntxiv, cov tub/ntxhais yuav tau ntsuam xyuas txog txoj kev cai nrhiav kev ncaj ncees thiab kev kwv yees uas kav nws. Thaum kawg no, cov ntaub ntawv yuav tau ua yog tshawb nrhiav txog cov teeb meem tam sim no, koom nrog cov tub/nxhais rooj sibtham tawm xovxwm/teb lus, koom kev sib cav kom raug ntsej raug muag/muaj paus muaj ntsis, thiab saib txog cov kws tham lus uas tej lus hloov/pab tau kev ua nom ua tswv/kab teb chaws thiab lawv kev cev tes los pab txoj hauv ke sau kev cai tshiab tam sim no.
Cov ntaub ntawv uas siv: Government by the People, Prentice Hall

Psychology I — 01601

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no yuav qhia kom cov menyuam kawm ntawv muaj kev totaub zoo tshaj qub txog tibneeg tus coojpwm. Cov menyuam kawm ntawv yuav kawm txog tias tej uas lawv ua yuav hloov lwm tus neeg tus coojpwm. Cov uas yuav kawm txog yog: Kev pib qhia txog Psychology, cov qauv rau kev kawm thiab kev siv, cimxeeb thiab kev xav, kev ua hluas thiab ua neeg laus thiab personality theories. Tej tus menyuam kawm ntawv yuav tau ua kom tiav ib qhov project rau thaum xyaus kawm xaus lub semester.
Cov ntaub ntawv uas siv: Essentials of Psychology Concepts and Applications, 6th Edition, Cengage Learning, Inc., Copyright 2022

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Psychology I Survey — 01621

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no qhia kom cov tub ntxhais muaj kev totaub zoo txog tibneeg tus cwjpwm. Cov ntsiab lus kawm hauv hoob no yuav kawm txog ntau yam qauv thiab tej yuav ua, lub hlwb kev nco qab thiab kev xav, thaum nto nkauj nraug, thaum laus, thiab kev xav ntawm tej cwjpwm.
Cov ntaub ntawv siv los qhia: Tsis siv phau ntawv

Psychology II — 01602

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no yuav qhia txog cov kev kawm txog: Psychology thiab tej pawg neeg (society), tibneeg kev phoojywg, cov haujlwm hauv psychology, cov kev yuav tau hloov hauv tsevneeg, kev ua neeg laus thiab kev laus, hlwb ruamqauj, yeeb-tshuaj thiab coojpwm, thiab kev tua tuskheej. Dua li kev paub txog tej yam kev kawm txog psychology lawm, cov menyuam kawm ntawv tseem yuav kawm tau cov kev tshawb nrhiav thiab sau ntawv uas yuav pab tau kev mus kawm university. Tej tus menyuam kawm ntawv yuav tau ua kom tiav ib qhov project rau thaum xyaus kawm xaus lub semester.
Cov ntaub ntawv uas siv: Essentials of Psychology Concepts and Applications, 6th Edition, Cengage Learning, Inc., Copyright 2022

Psychology II Survey — 01622

Department: History/Social Science | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yuav kawm txog tus tibneeg txojkev xav. Cov ntsiab lus yuav qhia yog qhia txog seb nws kev pom yog licas, kev txhawb rau tej xav ua, nws txojkev xav zoo licas, nws kev kawm zoo licas, thiab nws coj licas thaum nrog rau sawvdaws coob coob uake.
Cov ntaub ntawv siv los qhia: Tsis siv phau ntawv

Service Learning — 01617

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tshawb kawm txog kev cev tes pab ua num dawb hauv zej hauv zos (community service) nrog rau ntau hom haujlwm. Muaj peb hom kev pab uas tseem ceeb heev: Direct Service-kev koom tes pab uas cia tus tub/ntxhais pab lwm tus ntawm ntsej ntawm muag, Indirect Service-kev pab uas tsis ncaj nraim, tsuas yog nrhiav tej kev pab resources rau tus tibneeg mus xyuas xwb, hos Active Service- yog hom kev pab yuav tau tawm suab los yog nthuav tawm nws tej tswvyim pab. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Tsis muaj

Sociology — 01615

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: Yes**

Hoob no qhia cov menyuam kawm ntawv txog: neeg kev coj noj coj ua, tus xeebceem, neeg cov chaw kawm, neeg kev hloov, cov tibneeg (population), neeg kev kawm ntawm lwm tus (social processes), thiab tibneeg tus coojpwm. Lub homphiaj ntawm hoob no yog los qhia cov menyuam kawm ntawv txog neeg kev coj noj coj ua, xwv cov menyuam kawm ntawv thiaj yuav txawj muab tej uas lawv nyeem txog los piv thiab kho law luv neej. Hoob no yuav muab sijhawm rau cov menyuam kawm ntawv los tshuaj txog, xav, thiab tsim thiab tsis yog yuav nyeem thiab nco tej uas muaj hauv ntawv los xeem xwb.
Cov ntaub ntawv uas siv: Sociology, Thompson Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Soundtrack of Modern American History — 01591

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: History/Social Science (g) | **NCAA: No**

Hoob kawm no cov tub ntxhais yuav muaj sijhawm los mus kawm txog cov paj nruas (music) yav dhau los thiab seb sawvdaws lub neej no hloov lossis zoo licas txog cov paj nruas jazz, folk, rhythm, thiab blues, rock, rap, thiab heavy medal. Hoob kawm no yuav tshawb nrhiav txog seb cov music ho hloov tau tibneeg sawvdaws li cas nyob rau tiam nees nkaum nyob rau lub tebchaws Meska no los ntawm kev nyeem ntawv, kev mlooj nkauj txhua hnub, kev saib movies thiab vidoes, thiab yuav pib qhia txog music thiab tej khoom uas siv los ntau cov tim suab nkauj uas zoo zoo thiab nto nto npe.
Cov ntaub ntawv uas siv: Tsis muaj

Soundtrack of Modern American History Survey — 01592

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog kawm peb lub hli, yog ib hoob elective uas kawm txog keeb kwm ntawm cov tibneeg thiab cov (music) tim suab nkauj uas nto npe nyob rau lub tebchaw meska no (United States). Cov ntaub ntawv kawm yog tsim los qhia rau cov tub ntxhais kom muaj kev nkag siab txuas tau mus rau tej tim suab nkauj thiab cov tib neeg nyob lub tebchaw Meska ua ntu zus txij puag thaum ub los. Kev kawm yog yuav kawm txog seb cov tim suab nkauj nyob tebchaw Meska no zoo licas, tej pab pawg tibneeg zoo licas thiab tej lub sijhawm uas muaj tej yam loj tshwmsim uas tau dhu los ua ib qhov keeb kwm ho zoo licas yog muaj ob peb yam li no los uake.
Cov ntaub ntawv uas siv: Tsis muaj

Sports Psychology — 01623

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog tej txuj ci ntawm lub hlwb uas yuav pab txhawb cov tub ntxhais hluas nrog kev sib tw, ua rau kev koom sib tw lom zem thiab txhawb siab, thiab kawm cov txuj ci pab tau lwm yam hauv cov tub/ntxhais lub neej. Cov txuj ci uas ncaj nraim rau ib yam dabtsi qhia hauv hoob, muaj xws li kev tsim homphiaj thiab tswv yim los pab cuag kom tau lub homphiaj tsim, kev txawj pom thiab ua npau suab, kev koom tes ua ib pawg, saibxyuas kev raug mob, thiab tswj kom tau lub dab zog. Ntau yam txuj ci tau qhia kuj siv tau los pab txhawb kev kawm ntawv xws li kev tw xeem thiab kev xyaum ua haujlwm.
Cov ntaub ntawv uas siv: The Young Champion's Mind: How to Think, Train, and Thrive Like an Elite Athlete, Rodale Kids, Penguin Random House, Copyright 2018

Sports Psychology Survey — 01624

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais kom paub txog tej (psychological factors) thiab nws raug tau licas rau kev ua kislas xws li, vim licas thiaj xav ua kislas, kev ua tib zoo xav, muaj peejxwm ntawm tus kheej, kev txhawj ntshai, thiab kev ua nyob so twb ywm. Yuav qhia cov tub ntxhais kom paub txog tej txujci rau txojkev xav kom yuav ua tau kislas zoo, ua kom muaj kev lomzem rau kev koom ua kislas, thiaj kawm lwm yam txujci uas muab coj mus siv tau rau lwm yam hauv lawv lub neej. Tej yam txujci tseemceeb yuav kawm hauv hoob yog yuav teem ib cov homphiaj thiab vibthis seb yuav ua licas thiaj yuav ncav cuag, xav txog thiab pom txog tej duab hauv txojkev xav, kev ua thawj coj, thiab seb yuav ua licas thiab yuav ua licas thiaj yuav zoo rau kev raug mob.
Cov ntaub ntawv siv los qhia: The Young Champion's Mind: How to Think, Train, and Thrive Like an Elite Athlete, Rodale Kids, Penguin Random House, Copyright 2018

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

State and Local Government — 01616

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tshawb kawm txog lub hauv paus ntawm tsoom fwv nyob rau xeev California, hauv nroog, thiab hauv lub county uas muaj ntau lub nroog nyob ua ke, seb nws ua tau li cas rau cov tub ntxhais hluas kev ua neej txhua txhua hnub. Cov tub/ntxhais yuav ntsib ntau yam teeb meem thiab kev txiav txim siab, vim lub xeev mus ze zuj zus txog lub caij nyoog 21st Century lawm. Yuav muaj ntau yam kev cai kav teb chaws txuas rau kev cuam tshuam nrog cov teeb meem no. Feem ntau kev txiav txim siab no yuav poob mus rau cov kws ua nom ua tswv hauv lub xeev thiab lub zos. Cov tub/ntxhias yuav kawm txog tsoom fwv kev ua haujlwm, cov teeb meem ua nom ua tswv/kav teb chaw uas muaj tam sim no, thiab txoj cai los tswj lub xeev California. Tej haujlwm yuav tau ua muaj xws li, tshawb nrhiav txog tej yam tau ntsuam xyuas/muaj kev sib foob tas los (case studies), ua/raws kom zoo ib yam (simulations), muaj cov tibneeg ua nom ua tswv hauv zos tuaj, thiab kev koom tes pab txoj hauv ke txiav txim siab.
Cov ntaub ntawv uas siv: Government by the People, Prentice Hall

Success in AP History/Social Science Courses — 01240

Department: History/Social Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los kawm pab ntxiv rau kev tsim thiab kev txhawb rau kev kawm txujci rau technical skills uas yuav pab kom koom tau rau kev kawm nyob rau (AP) History/Social Science. Hoob kawm elective no yuav txhawb tau cov tub ntxhais rau yam kev kawm, kawm txog tej txujci uas tseemceeb, uas qhia txog kev sau note thiab organization, nrog rau kev qhia kom paub thiab muaj sijhawm los xyaum rau practice Document Based Questions, Free Response Questions, thiab multiple choice questions uas cov tub ntxhais tej zaum yuav muaj thaum xeem rau ntational AP exam. Hoob no rov kawm tau yuav credit.
*Co-requisite: Enrollment in an AP History Social Science Course (AP Human Geography, AP World History, AP Comparative Government, AP American Government, AP Macroeconomics, AP Microeconomics, and/or AP Psychology)
(Muaj ib hoob kawm npaj rau AP UA History, [course #1231; AP Skills Emphasis on AP US History] muaj qhia nyob rau ntawm Cosumnes Oaks High School.)
Cov ntaub ntawv siv los qhia: Tsi siv cov phau ntawv qhia

The Supreme Court — 01610

Department: History/Social Science | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav sojntsuam txog United States Supreme Court uas yog (lub xam txiav txim siab tshaj nyob lub tebchaw no) thiab seb nws txoj haujlwm uas txiav txim siab rau tej kevcai uas niaj hnub nim no peb yuav tau raws yog licas. Yuav pib qhia txog seb Xam Txiav Txim yog mus licas, nyob rau hauv xam txiav txim, tej theem yuav mus txog qhov no yog licas, thiab txojkev xav kev tshuaj xyuas rau tej yam ua seb puas yog ua raws cai. Tsi tas li ntawd xwb, hoob no tseem yuav kawm txog Constitutional Amendments (tej kevcai hloov tshiab) uas yuav tau ua raws li tej case uas tseemceeb, thiab tej uas muaj yav dhau los uas muaj feem yuav los mus hloov tau tej cai uas muaj thiab txojcai tswj.
Cov ntaub ntawv uas siv: Tsis muaj

US History 01210

Department: History/Social Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: US History
UC/CSU: US History (a) **NCAA: Yes**

Hoob no yog qhia ntau txog keebkwm Amelikas hauv tiam vammeej, raws li tus qauv hauv lub xeev (the state framework). Hoob no yog ib hoob social science rau cov kawm qib 11th. Hoob no yuav pib los ntawm kev rov los xyuas cov keebkwm hauv lub Tebchaws Amelikas suav txij thaum pib lub twbchaws no los txog thaum pib hauv tiam 20th. Thawj ntu yog rov mus xyuas tej uas twb tau kawm tas los lawm. Lub homphiaj ntawm hoob no yog los kawm txog Amelikas tiam I900 los rau tiam tamsim no. Cov menyuam kawm ntawv yuav los koomtes rau kev tshuaj txog: tiam Pib Vammeej (the Progressive Era), tiam Jazz Age, cov tsovrog ntiajteb thiab kev sibtw ua riam-phom, kev poob kev lagluam loj, kev sawv tuav txoj cai, Watergate, thiab Amelikas niajhnub nimno. Yuav los kawm tob txog cov xwmtxheej loj thiab tej ntu uas muaj xwmtxheej yav tas los, ntu uas los kawm thiab paub txog ntau yam kev coj noj coj ua, kev lees paub txog qhov zoo thiab qhov phem, tibneeg txoj cai, thiab tej uas neeg feem coob suav tias tseemceeb hauv keebkwm neeg Amelikas, thiab muab tej yam loj uas tshwmsim hauv keebkwm los piv rau tej uas tshwmsim rau tiam no. Yuav siv tej ntaub ntawv, suab nkauj, tej khoom tsim tseg, kev nyeem ntawv, videos, kev xyaum ua thiab lwm yam kev ua los txhawb yam kev kawm no.
Cov ntaub ntawv uas siv: Impact California Social Studies: United States History & Geography, Continuity and Change, Copyright 2019, McGraw-Hill Education

US History, Newcomer EL 01830

Department: History/Social Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: US History
UC/CSU: None **NCAA: No**

Hoob kawm no yuav qhia cov uas nyuam qhuav tuaj tshiab tuaj txog tej keebkwm nyob lub tebchaws Meska no pib los saib txog Meska li keebkwm pib txij tiam 20 century los. Tej ntaub ntawv sau, tej music, thiab tej art uas yog kev nyeem ntawv feem ntau, tej videos, simulations, thiab lwm yam activities yuav muab coj los siv qhia kom pab tau kev kawm. Hoob kawm no yeej kawm raws li cov qauv kawm ntawv rau ELD rau kev kawm lus, kev sau ntawv, thiab tej yam yuav kawm -tshwjxeeb rau kev nyeem ntawv. Cov xibfwb yeej siv ntau vibthis los mus qhia kom ncav cuag cov tub ntxhais uas tseem tabtom kawm ntawv Askiv tej kev tu ncua.
Tej uas yuav tsum tau ua lossis kawm uantej: Kev uas yuav muab tso kawm licas yuav yog saib los ntawm tus EL coordinator, counselor, thiab lossis saib rau ob peb yam kev sojntsuam xwb li (primary language proficiency, ELPAC, SBAC/CAASP, program placement, etc.)
Cov ntaub ntawv siv los kawm: : Impact California Social Studies: United States History & Geography, Continuity and Change, Copyright 2019, McGraw-Hill Education

Women's Studies 01607

Department: History/Social Science
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: History/Social Science (g) **NCAA: Yes**

Hoob social science tau xaiv kawm no yog tsim los qhia cov tub ntxhais hluas keeb kwm ntawm lub caij nyoog pojniam tau tawm tsam kom tau kev ncaj ncees/tau cai hauv teb chaws Meskas, pib lub sijhawm rhuav tshem los rau poj niam lub luag haujlwm nyiaj hnub no. Hoob no ua raws li xeev California tus qauv (standards) qhia ntawv nyob rau hoob qhia keeb kwm ntawm teb chaws Meskas (US History) thiab lub ntiaj teb (World History). Cov tub/ntxhais yuav tau ntsuam xyuas pojniam los ntawm ntau hom haivneeg thiab tej pab pawg lub sijhawm tawm tsam no. Lawv yuav muab qhov chaw ua haujlwm, lub luag haujlwm ntawm pojniam, nrog rau pojinam tus duab qauv nyob rau chaws tawm xovxwm/ua txuj ci pib thaum xyoo 1900 los txog hnub no sib piv seb nws zoo thiab txawv li cas.
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

World Geography 01010

Department: History/Social Science
Graduation Requirement: Geography
Grade Level: 09-12
UC/CSU: World History (a)
Credits: 5.0
Max Credits: 5.0
NCAA: Yes

Hoob no qhia cov tub ntxhais hluas txog tej toj roob hauv pes nyob thoob lub ntiaj teb thiab yuav pab lawv nraug zoo txog tej yam teeb meem tshwm sim niaj hnub no, uas pauv lub ntiaj teb ceev heev. Lub ntiaj teb cov teeb meem muaj xws li, kev ua lagluam thoob ntiaj teb (world trade), teeb meem rau cov teb chaws uas tseem tab tom hloov zuj zus (developing nations), kev tsim nroog loj (urbanization), kev muaj khoom qias los yog pa phem (environmental pollution), thiab kev pab txuag ntiaj teb tej khoom siv resources. Cov tub/ntxhais yuav kawm tej txuj ci yooj yim ntawm geography. Muaj xws li kev nyeem daim ntawv qhia kev thiab paub cov npe, mus rau kev cim cov duab charts thiab diagrams. Thaum tus tub/ntxhais paub ntua dua txog lub ntiaj teb lawm, nws yuav pib pom nws lub luag haujlwm ua ib tug pej xeem nyob rau hauv lub ntiaj teb no.
Cov ntaub ntawv uas siv: World Geography & Cultures, Glencoe

World Geography EL 01810

Department: History/Social Science
Graduation Requirement: Geography
Grade Level: 09-12
UC/CSU: None
Credits: 5.0
Max Credits: 5.0
NCAA: No

Hoob kawm social science no yog ib hoob uas pib qhia cov Tabtom Kawm Ntawv Askiv kom paub hais tias lub ntiajteb no zoo licas thiab nyob rau tej thaj tsam zoo licas thiab cia lawv muab tej uas lawv paub xav nrog tej xwmtxheej uas tshwm sim ceev heev niaj hnub nimno nyob rau hauv ntiajteb. Cov menyuam kawm ntawv yuav paub txog tej tebchaws lossis tej cheebtsam xwsli: paub nyeem map, paub npe chaw thiab tebchaws, thiab paub nyeem charts thiab diagrams. Hoob qhia raws ELD tus qauv no hais ntau txog cov ntsiab ntawm cov lus uas siv rau hauv txoj kev kawm, kev sau tej zaj ntawv, thiab kev nyeem ntawv txog yam kev kawm. Cov xibfwb yuav siv ntau theem (qib) kev qhia los qhia kom cov tabtom kawm yam lus thib ob totaub. Hoob no suav tau ua ib hoob World Geography rau lub district kev kawm kom tiav.
Yam yuavtsum tau kawm uantej: Kev kawm yog xam raws ntau yam kev sojntsuam (puas paub nws hom lus zoo, CELDT/ELPAC, SBAC/CAASPP, kev xeem ntawv, etc.).
Cov ntaub ntawv uas siv: Pacemaker World Geography & Cultures, AGS Globe Fearon

World Geography Honors 01020

Department: History/Social Science
Graduation Requirement: Geography
Grade Level: 09-12
UC/CSU: World History (a)
Credits: 10.0
Max Credits: 10.0
NCAA: Yes

Hoob no qhia tib yam li hoob World Geography uas kawm ua ob-semester rau kev npaj mus kawm college. Hoob no yuav muaj kev nyeem ntawv thiab sau ntawv ntau los txhawb cov menyuam kawm ntawv txoj kev siv lawv txoj kev ua tib zoo xav tob tob. Tib yam li lwm hoob honors, cov menyuam kawm ntawv yuavtsum tau tuaj kawm tsis qhaj thiab koomtes rau txhua yam kev ua. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Cov ntaub ntawv uas siv: World Geography & Cultures, Glencoe

World History 01110

Department: History/Social Science
Graduation Requirement: World History
Grade Level: 10-12
UC/CSU: World History (a)
Credits: 10.0
Max Credits: 10.0
NCAA: Yes

Hoob no yuav qhia txog qhov uas tej xwmtxheej uas tshwmsim yav tas los thiab yuav tshwmsim los yav tomntej yuav hloov peb lub neej. Hauv hoob World History, cov menyuam kawm ntawv yuav pom tias cov tibneeg thiab ntau haivneeg hauv lub ntiajteb no vamkhom lwm haivneeg los pab yus txoj kev ua neej. Cov menyuam kawm ntawv yuav los kawm txog tej yam loj uas tau hloov peb lub ntuj txij tiam ib txhiab yim pua los txog tamsim no. Yuav siv ntaub ntawv los qhia txog tibneeg lub neej thiab sijhawm thiab qhia tias yog vim licas lub ntiajteb ho hloov los zoo li no lawm.
Cov ntaub ntawv uas siv: Impact California Social Studies: World History, Culture and Geography, Copyright 2019, McGraw-Hill Education

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

World History Honors — 01120

Department: History/Social Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World History
UC/CSU: World History (a) **NCAA: Yes**

Hoob no qhia tej yam li hoob qhia keeb kwm ntawm lub ntiaj teb uas npaj kawm ntawv qeb siab (college prep World History). Tiam sis, vim hoob no muaj ntau yam yuav tau kawm txog thiab ua raws li cov ntawv nyeem thiab sau, nrog rau ib cov projects yuav tau ua, cov tub ntxhais hluas yog txaus siab rau kev sib tw no, cuv npe kawm tau hoob no. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Cov ntaub ntawv uas siv: Impact California Social Studies: World History, Culture and Geography, Copyright 2019, McGraw-Hill Education

World History, Newcomer EL — 01820

Department: History/Social Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World History
UC/CSU: None **NCAA: No**

Hoob kawm no yuav npaj cov tub ntxhais uas nyuam qhuav tuaj tshiab tuaj uas tseem tabtom kawm ntawv Askiv kom paub tshawb nrhiav txog tej keebkwm dhau los txuas nrog rau tej uas yuav raug rau lawv lub neej yav tom ntej no. Cov tub ntxhais yuav los saib txog tej yam loj uas tau hloov lub ntiajteb no pib txij tiam 18 century los txog rau tamsim no. Hoob kawm no yeej kawm raws li cov qauv kawm ntawv rau ELD rau kev kawm lus, kev sau ntawv, thiab tej yam yuav kawm -tshwjxeeb rau kev nyeem ntawv. Cov xibfwb yeej siv ntau vibthis los mus qhia kom ncav cuag cov tub ntxhais uas tseem tabtom kawm ntawv Askiv tej kev tu ncua.
Tej uas yuav tsum tau ua lossis kawm uantej: Kev uas yuav muab tso kawm licas yuav yog saib los ntawm tus EL coordinator, counselor, thiab lossis saib rau ob peb yam kev sojntsuam xwb li (primary language proficiency, ELPAC, SBAC/CAASP, program placement, etc.)
Cov ntaub ntawv siv los kawm: Impact California Social Studies: World History, Culture and Geography, Copyright 2019, McGraw-Hill Education

Writing in AP Social Sciences — 01011

Department: History/Social Science
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

Hoob kawm no yog tsim los kawm ntxiv kom paub thiab txhawb tau rau kev sau ntawv kom yuav kawm tau zoo nyob rau hauv AP History/Social Science thiab xeem tau zoo rau AP exams. Hoob kawm no yuav pib qhia cov tub ntxhais txog kev sau ntawv uas muaj tseeb li tau hais, tsim kom muaj organization zoo, tsim kom muaj kev tawm tsav rau qhov uas xub hais lawm, uas siv tej yam tsimnyog los sau txog qhov kev hloov, thiab qhia seb qhov uas ntseeg li ntawd yog licas thiab qhov tseeb yog dabtsi. Tshwjxeeb hoob kawm no yog los xyaum sau ntawv kom tau zoo rau tej cov lus teb luv luv, tej cov essay uas yuav tau sau ntev ntev, thiab tej lus nug txog Document-Based. Hoob kawm no rov qab kawm dua tau ob zaug tiamsis tsuas pub txog li 10 credits xwb.
Hoob yuav tau kawm uake nrog: AP Social Science Course
Cov ntaub ntawv siv los qhia: They Say / I Say, The Moves That Matter in Academic Writing, W. W. Norton & Company, Inc.

You and the Law — 01611

Department: History/Social Science
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: History/Social Science (g) **NCAA: Yes**

Hoob no yuav qhia txog cov units hauv qab no: Kevcai Tswj Kev Ua Tubsab (Txhaum) thiab Kev Tu Plaub Rau Cov Menyuam yaus (criminal law and Juvenile Justice), Kevcai Tswj Ua Tsis Ncaj (Tort law), Kevcai Tswj Kev Muag thiab Yuav Khoom (Consumer law), Kevcai Tswj Teebmeem Tsevneeg (Family law), Kevcai Tswj Teebmeem txog Vajtsev (Housing law), Kevcai Tswj Tebchaws (Constitutional issues), thiab tej tus tibneeg cov cai thiab kev ywjpheej. Hoob no yog ib hoob social science uas tuamyeem kawm thiab kawm ua ib-semester uas qhia txog cov kevcai tswj kev ua tubsab (ua txhaum) thiab kev hais pejxeem tej plaub ntug.
Cov ntaub ntawv uas siv: Street Law: A Course in Practical Law, 10th Edition, McGraw Hill, copyright 2021

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Mathematics

Advanced Math Lab — 03071

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog rau cov tub ntxhais uas kawm Pre-Calculus, Honors Pre-Calculus, Calculus AB, Calculus BC, lossis AP Statistics. Cov tub ntxhais tau kev txhawb pab rau kev kawm ntawv thiab rau tej ntaub ntawv lawv yuav tau ua hauv hoob lej no. Hoob Advance Math Lab pab tau cov tub ntxhais thiab muab sijhawm rau lawv kom kawm tau zoo nyob rau haub hoob lej. Hoob no rov kawm dua tau tiamsis tsi pub tshaj 10 credits thiab yog ib hoob Pass/ Tsi Pass course.
Hoob yuav tsum tau kawm uake nrog rau yog: Concurrent enrollment nyob hauv Pre-Calculus, Honors Pre-Calculus, Calculus AB, Calculus BC, lossis AP Statistics
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Advanced Mathematics, Introduction To — 03046

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

Hoob no yog tsim los tshawb nrhiav txog ntau hom kev ua lej rau calculus thiab linear algrebra. Cov ntaub ntawv yuav luag zoo sis ncag li cov kawm nyob rau third semester uas kawm Calculus thiab thawj semester uas kawm rau Linear Algebra. Cov ntsiab lus yuav qhia yog derivatives, saddle points, the vector cross product, projection, planes, doublé integrals, alternate coordinate systems, inverse matrices, matrix factorization, the fundamental subspaces, vector spaces, eigenvalues and eigenvectors, orthogonality, and linear independence. Cov kev kawm nyob rau hoob no yog tsim los npaj cov tub ntxhais rau cov kev kawm siab thiab nyuaj rau lej rau lawv thawj xyoo kawm college. Hoob no siv a "5-point A" grading system uas cov CSU thaib UC los yeej siv tibyam. Cov qhabnees siv tau mus rau hoob lej raws li tau samfwm koj yuav tsum muaj rau kev kawm ntawv tiav.
Qhov yuav tsum tau kawm uantej: Calculus BC with a grade of C or better
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP Calculus AB — 03050

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

Hoob qibsiab no yog tsim los qhia tib yam li ib hoob calculus uas kawm thawj semester hauv college thiab yuav qhia txog differential thiab integral calculus. Cov uas yuav kawm txog yog: limits, differentiation, applications of differentiation, integration, applications of integration, thiab elementary functions. Hoob no yuav npaj cov menyuam kawm ntawv mus xeem hoob AP Calculus AB thaum xyoo xyuav xaus, thiab lawv yuav tau college credit. Peb nquahu kom cov menyuam kawm ntawv xeem tus AP exam. Peb nquahu kom yuav ib lub graphing calculator. Suav tau nws qhov credit ua ib hoob lej hauv kev kawm kom tiav. Hoob no siv txoj kev muab qhab-nees "5-point A" grading system uas luag siv hauv lub CSU thiab UC system. Hoob no suav tau ua ib hoob lej qibsiab uas tuamyeem kawm rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tas Pre-Calculus thiab tau qhab-nees C los siab dua lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Calculus, 11th Edition; Cengage Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Calculus BC — 03055

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

Hoob qibsiab no yog tsim los qhia txog kev siv calculus cov functions (calculus of functions) txog ib tus tsiaj ntawv sawvcev (single variable). Hoob no qhia tib yam li ib hoob calculus uas kawm thawj semester hauv college. Cov uas yuav kawm txog yog: txhua yam uas kawm txog hauv Calculus AB, ntxiv rau cov ntsiab lus hauv limits (definitions of limits), sequences thiab series, cov kab nkhaus parametrically (parametrically defined curves), polar curves, thiab lwm yam advanced techniques of integration. Hoob qhia Calculus BC yog tsim los qhia kom tus menyuam kawm ntawv tau mus kawm thiab tau txais credit rau ib hoob uas siab dua hoob Calculus AB. Hoob no yuav npaj cov menyuam kawm ntawv mus xeem hoob AP Calculus AB thaum xyoo xyuav xaus, thiab lawv yuav tau college credit. Peb nquahu kom cov menyuam kawm ntawv xeem tus AP exam. Peb nquahu kom yuav ib lub graphing calculator. Suav tau nws qhov credit ua ib hoob lej hauv kev kawm kom tiav. Hoob no siv txoj kev muab qhab-nees "5-point A" grading system uas luag siv hauv lub CSU thiab UC system. Hoob no suav tau ua ib hoob lej qibsiab uas tuamyeem kawm rau kev nkag mus kawm UC thiab CSU.
Qhov yuav tsum tau kawm uantej: Kawm hoob Pre-Calculus thiab tau tus C lossis zoo dua lossis kawm hoob Calculus AB thiab tau tus qhabnees tus C lossis zoo dua lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Calculus Graphical, Numerical, Algebraic, Pearson

AP Calculus BC Plus — 03074

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no kawm pab ntxiv rau hoob AP Calculus AB thiab BC curriculum thiab npaj cov tub ntxhais rau kev xeem AP exam thiab tej haujlwm rau Calculus. Hoob no kawm ntxiv txog cov qauv kom totaub zoo txog Calculus xws li limits, differentiation, integration, and their applications. Qhov no qhia uantej thiab yog qauv rau kev tshawb nrhiav txog cov ntsiab lus rau Calculus thiab qhia txog kev daws teebmeem nyob hauv context of Calculus. Cov tub ntxhais tseem yuav kawm txog scoring conventions thiab expectation ntawm kev xeem rau AP lub sijhawm uas lawv xyaum tej txujci no los pab kom lawv kawm tau zoo. Hoob no rov kawm dua tau tiamsis tsi pub tshaj 10 credits thiab yog ib hoob Pass/ Tsi Pass course.
Hoob uas yuav tsum tau kawm uake nrog yog: Concurrent enrollment nyob hauv AP Calculus BC
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP Calculus Lab — 03073

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 2.5** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no kawm pab ntxiv rau hoob AP Calculus AB thiab BC curriculum thiab npaj cov tub ntxhais rau kev xeem AP exam thiab tej haujlwm rau Calculus. Hoob no kawm ntxiv txog cov qauv kom totaub zoo txog Calculus xws li limits, differentiation, integration, and their applications. Qhov no qhia uantej thiab yog qauv rau kev tshawb nrhiav txog cov ntsiab lus rau Calculus thiab qhia txog kev daws teebmeem nyob hauv context of Calculus. Cov tub ntxhais tseem yuav kawm txog scoring conventions thiab expectation ntawm kev xeem rau AP lub sijhawm uas lawv xyaum tej txujci no los pab kom lawv kawm tau zoo. Hoob no rov kawm dua tau tiamsis tsi pub tshaj 10 credits thiab yog ib hoob Pass/ Tsi Pass course.
Hoob uas yuav tsum tau kawm uake nrog yog: Concurrent enrollment nyob hauv Calculus AB lossis Calculus BC
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP Statistics 03058

Department: Mathematics **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics - Advanced (c) **NCAA: Yes**

Hoob qibsiab no yog ib hoob uas qhia tib yam li ib hoob introductory statistics uas kawm thawj semester hauv college. Cov uas yuav kawm txog yog: kev tshuaj thiab xav txog tej uas tshwmsim los (exploratory data analysis), xyaum tsim qauv (experimental design), tsim cov qauv uas yog siv qhov tej zaum yuav tshwmsim los thiab kev sim ua (producing models using probability and simulation), thiab tej uas pom tshwm los (statistical inference). Peb nquahu kom cov menyuam kawm ntawv mus xeem tus AP exam. Peb nquahu kom yuav ib lub graphing calculator. Suav tau nws qhov credit ua ib hoob lej hauv kev kawm kom tiav. Hoob no siv txoj kev muab qhab-nees "5-point A" grading system uas luag siv hauv lub CSU thiab UC system. Hoob no suav tau ua ib hoob lej qibsiab uas tuamyeem kawm rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tas Mathematics III thiab tau qhab-nees C los siab dua lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: The Practice of Statistics, W. H. Freeman and Company

Applied Mathematics 03019

Department: Mathematics **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics I (c) **NCAA: No**

Hoob no yog npaj rau kev mus kawm college thiab yuav kawm li ib lub xyoo uas yog kawm txhawb rau cov qauv rau hoob Lej I thiab qhia cov qauv tseemceeb rau hoob Lej II. Hoob no tsim los rau cov tub ntxhais uas xav kawm kom paub zoo ntxiv txog lej uantej mus kawm rau hoob Lej II, hoob no qhia meej txog kev kawm txuas ntxiv rau cov qauv rau kev kawm xyaum ua lej thiab cov qauv rau kev kawm ntawv los ntawm kev ua lej thiab ua tej yam project. Hoob no qhia cov tub ntxhais txog tej uas tseemceeb rau kev siv lej lub sijhawm uas lawv siv lej mus rau ntau yam xws li kev sojntsuam thiab kev kos duab. Hoob kawm no ncav cuag lub District kev samfwm kom yuav tsum kawm thiaj kawm ntawv tiav thiab yeej siv tau cov elective qhabnees mus rau UC thiab CSU.
Qhov yuav tsum tau kawm uantej: Mathematics I
Cov ntaub ntawv uas siv: EGUSD Printed APPLIED MATH Materials

Exploring Functions through Mathematical Practices 03022

Department: Mathematics **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics - Advanced (c) **NCAA: Yes**

Hoob kawm no txhawb cov qauv rau kev kawm lej Mathematics II thiab qhia cov qauv kawm ntawv tseemceeb rau Mathematics III. Qhov no yog tsim rau cov tub ntxhais uas xav kawm kom paub ntxiv txog lej unntej nkag mus kawm rau Mathematics III, hoob kawm no yuav kawm txog kom paub muab cov characteristics coj los sis piv cov functions uas lawv ua nyob rau hauv cov graphs, tables, equations, and narratives describing real-world situations.
Hoob yuav tsum tau kawm uantej: Mathematics II
Cov ntaub ntawv siv los kawm: EGUSD-Created materials for Exploring Functions through Mathematical Practices

Financial Literacy 03663

Department: Mathematics **Grade Level:** 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics **UC/CSU:** Mathematics I (c) **NCAA: No**

Hoob kawm no yog siv algebra-base los qhia, siv tej kev kawm txog tus kheej kev siv nyiaj txiag uas siv cov qauv lej los ua. Financial Literacy yeej siv high school cov (ntsiab lus) kev kawm lej li tej uas niaj hnub nimno siv tiag tiag. Yuav kawm txog ntau yam txujci thiab vibthis los mus daws teebmeem uas cov tub ntxhais yuav siv los mus xav txog cov kev xaiv hais tias yuav siv nyiaj licas thiab kom totaub hais tias kev siv nyiaj yuav cuamtshuam tau li cas rau lawv tej nyiaj txiag tom ntej. Cov tub ntxhais yuav kawm txog kev uas muab nyiaj mus ua luam, kev them se, thiab kawm txog credt thiab kev tso nyiaj tom bank. Tsi tas li ntawd, cov tub ntxhais tseem yuav sojntsuam txog ntau yam kev ua lagluam, tsi hais kev yuav khoom thiab tej kev ua haujlwm; tej khoom uas sawvdaws yuav tsum tau muaj siv, thiab kev tsim tej khoom ub no los siv.
Hoob yuav tsum tau kawm uantej: Mathematics I or Mathematics I B, Part 2
Cov ntaub ntawv siv los qhia: Foundations in Personal Finance (a digital resource)

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Math Analysis & Approaches SL1/Prep Course — 20037

Department: Mathematics
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

(Mathematics, Qib 11-12) (kawm ib-xyoo, 10 credits)
Hoob kawm no pom txog hais tias yuav tsum tau muaj cov tub txawg tub ntse rau sab kev sojntsuam kev tshawb nrhiav txog tej tswvyim tshiab nyob rau lub ntiajteb tamsim no uas pheej muaj kev tsim ub no ntau zuj zus tuaj lawm thiab thiab yuav tsum tau muaj kev totaub tob txog lej. Hoob kawm no yuav kawm txog cov ntsiab lus uas ib txhia twb yog cov hoob kawm uantej rau pre-university lej lawm thiab cov tsiab lus kawm yeej yog raws li cov kev tshawb nrhiav lossis muaj puav pheej rau kev ua lej (conjecture and proof). Hoob kawm no yuav kawm thiab xyaum sau lej uas yog npaj rau kev tshawb nrhiav txog lej uas yuav tsum tau ua kom tiav hauv IB Math Analysis and Approaches SL. Hoob kawm no feem ntau yeej kawm thawj xyoo nyob rau tus tub ntxhais ob- xyoo uas kawm rau IB Diploma Program kev kawm ntawv thiab yog ib xyoo uas npaj cov tub ntxhais nkag mus kawm rau IB Math Analysis and Approaches SL. Hoob kawm nyob hauv EGUSD no cov UC/CSU tsi suav hais tias yog ib hoob kawm siab honor-level. Nws tsuas kawm tau EGUSD GPA enhancement xwb kawm TSI TAU GPA enhancement rau UC/CSU.
Hoob yuav tsum tau kawm untej: Mathematics III thiab yuav tsum tau tus qhabnees C lossis zoo dua.
Cov Ntaub Ntawv Siv Los Kawm: Math Analysis and Approaches SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Math Analysis and Approaches SL — 20038

Department: Mathematics
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: None **NCAA: Yes**

(Mathematics, Qib 12) (kawm ib-xyoo, 10 credits) Hoob kawm no pom txog hais tias yuav tsum tau muaj cov tub txawg tub ntse rau sab kev sojntsuam kev tshawb nrhiav txog tej tswvyim tshiab nyob rau lub ntiajteb tamsim no uas pheej muaj kev tsim ub no ntau zuj zus tuaj lawm thiab thiab yuav tsum tau muaj kev totaub tob txog lej. Hoob kawm no yuav kawm txog cov ntsiab lus uas ib txhia twb yog cov hoob kawm uantej rau pre- university lej lawm thiab cov tsiab lus kawm yeej yog raws li cov kev tshawb nrhiav lossis muaj puav pheej rau kev ua lej (conjecture and proof). Hoob kawm no yuav kawm thiab xyaum sau lej uas yog npaj rau kev tshawb nrhiav txog lej, uas yog ib feem uas sojntsuam nyob rau cov tub nxhais li IB Diploma cov ntaub ntawv kawm, uas cov tub ntxhais yuav tau sau 12-20 nplooj ntawv tshawb nrhiav txog yam lej uas lawv nyiam thiab kawm txuas tau mus ntxiv. Hoob kawm no feem ntau yog kawm nyob rau xyoo ob ntawm tub tub nthxais kev kawm IB Diploma Program.
Hoob uas yuav tsum tau kawm uantej: IB Math Analysis thiab Approaches SL 1/Preparation Course thiab yuav tsum tau tus qhabnees C lossis zoo dua.
Cov Ntaub Ntawv Siv Los Kawm: Math Analysis and Approaches SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Math Applications & Interpretation SL1/Prep — 20039

Department: Mathematics
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

(Mathematics, Qib 11-12) (kawm ib-xyoo , 10 credits)
Hoob kawm no pom tau hais tias kev siv lej thiab technology yog ib qhov uas siv heev nyob rau ntau yam haujlwm rau lub ntiajteb tamsim no uas siv data. Nws yuav los qhia txog kev kawm lej nyob rau cov ntsiab lus uas feem ntau siv rau/ siv lej los tsim cov qauv. Yuav kom totaub zoo, hoob no yuav kawm txog cov ntsiab lus uas feem ntau yeej yog ib feem ntawm cov lej kawm rau (pre-university mathematics) xws li calculus thiab statistics. Hoob kawm no feem ntau yeej kawm thawj xyoo nyob rau tus tub ntxhais ob- xyoo uas kawm rau IB Diploma Program. yog ib xyoo uas npaj cov tub ntxhais nkag mus kawm rau IB Math Analysis and Approaches SL. Hoob kawm nyob hauv EGUSD no cov UC/CSU tsi suav hais tias yog ib hoob kawm siab honor-level. Nws tsuas kawm tau EGUSD GPA enhancement xwb kawm TSI TAU GPA enhancement rau UC/CSU.
Hoob yuav tsum tau kawm untej: Mathematics II Honors thiab yuav tsum tau tus qhabnees C lossis zoo dua.
Cov Ntaub Ntawv Siv Los Kawm: Math Applications and Interpretations SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Math Applications and Interpretation SL — 20040

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** None | **NCAA: Yes**

(Mathematics, Qib 12) (kawm ib-xyoo, 10 credits)
Hoob kawm no pom tau hais tias kev siv lej thiab technology yog ib qhov uas siv heev nyob rau ntau yam haujlwm rau lub ntiajteb tamsim no uas siv data. Nws yuav los qhia txog kev kawm lej nyob rau cov ntsiab lus uas feem ntau siv rau/ siv lej los tsim cov qauv. Yuav kom totaub zoo, hoob no yuav kawm txog cov ntsiab lus uas feem ntau yeej yog ib feem ntawm cov lej kawm rau (pre-university mathematics) xws li calculus thiab statistics. Hoob kawm no yuav siv technology heev uas cia cov tub ntxhais tshawb nrhiav thiab tsim cov qauv (models) siv lej. Hoob kawm no yuav kawm thiab xyaum sau lej uas yog npaj rau kev tshawb nrhiav txog lej, uas yog ib feem uas sojntsuam nyob rau cov tub nxhais li IB Diploma cov ntaub ntawv kawm, uas cov tub ntxhais yuav tau sau 8-12 nplooj ntawv tshawb nrhiav txog yam lej uas lawv nyiam thiab kawm txuas tau mus ntxiv.
Hoob kawm no feem ntau yog kawm nyob rau xyoo ob ntawm tub tub nthxais kev kawm IB Diploma Program.
Hoob yuav tsum tau kawm untej: IB Math Applications and Interpretation SL 1/Preparation Course thiab yuav tsum tau tus qhabnees C lossis zoo dua.
Cov Ntaub Ntawv Siv Los Kawm: Math Applications and Interpretations SL, Book 2 and Mathematics Core Topics SL, Book 1

IB Mathematics: Analysis and Approaches HL1 — 20080

Department: Mathematics | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

Hoob kawm no yog ib hoob uas kawm siab rau cov tub ntxhais uas paub lej zoo thiab muaj peevxwm los sojntsuam thiab paub tej txujci uas nyuaj. Cov tub ntxhais yuav tsum tau paub lej zoo lub sijhawm uas lawv npaj yuav kawm mus rau seem engineering, physics, mathematics, thiab computer science. Cov ntsiab lus yuav kawm yog algebra, functions, trigonometry, matrices, vectors, probability thiab statistics, thiab calculus. Cov kev xeem yog IB exams nyob rau thaum lub tsib hli thaum lawv kawm qib kaum ob thiab ib qhov individual exploration project. (Hoob kawm no hloov tau hoob kawm tamsim no uas yog EGUSD IB Mathematics HL1 course.)
Hoob uas yuav tsum tau kawm uantej: Pre- calculus Honors uas tau tus C lossis zoo dua (qhov uas xav kom tau tiag yog tus B lossis zoo dua)
Cov ntaub ntawv txais yuav los qhia: Calculus: Graphical, Numerical, Algebraic, 5th Edition, AP Edition, Pearson

IB Mathematics: Analysis and Approaches HL2 — 20081

Department: Mathematics | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

Hoob kawm no yog ib hoob uas kawm siab rau cov tub ntxhais uas paub lej zoo thiab muaj peevxwm los sojntsuam thiab paub tej txujci uas nyuaj. Cov tub ntxhais yuav tsum tau paub lej zoo lub sijhawm uas lawv npaj yuav kawm mus rau seem engineering, physics, mathematics, thiab computer science. Cov ntsiab lus yuav kawm yog algebra, functions, trigonometry, matrices, vectors, probability thiab statistics, thiab calculus. Cov kev xeem yog IB exams nyob rau thaum lub tsib hli thaum lawv kawm qib kaum ob thiab ib qhov individual exploration project. (Hoob kawm no hloov tau hoob kawm tamsim no uas yog EGUSD IB Mathematics HL2 course.)
Hoob uas yuav tsum tau kawm uantej: IB Mathematics: Analysis and Approaches HL1 with a grade of C or better
Cov ntaub ntawv txais yuav los qhia: Mathematics Analysis and Approaches HL, Book 2, 1st Edition, Copyright 2019, Haese Mathematics Publishers, Mathematics Core Topics HL, Book 1, 1st Edition, Copyright 2019, Haese Mathematics

Math Lab I-III 03070

Department: Mathematics
Grade Level: 09-12
Credits: 2.5
Max Credits: 15.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob kawm no yog hoob math elective rau cov tub ntxhais uas kawm hoob Mathematics I, Mathematics II, lossis Mathematics III, cov tub ntxhais yuav tau txais kev txhawb pab heev rau kev kawm thiab kev ua lawv tej ntaub ntawv kawm hauv lawv hoob lej ua tseemceeb. Yuav muab sijhawm rau cov tub ntxhais kawm kom ncav cuag li cov qauv rau kev kawm ntawv. Hoob kawm no rov kawm dua tsi pub tshaj 15 credits thiab yog ib hoob Pass/ No Pass course.
Hoob kawm uas yuav tsum tau kawm uake nrog: Kawm hoob Mathematics I, Mathematics II, lossis Mathematics III
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Mathematics I 03015

Department: Mathematics
Grade Level: 08-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Mathematics I
UC/CSU: Mathematics I (c)
NCAA: Yes

Hoob no yog thawj hoob ntawm (3) hoob uas kawm txog: Lej thiab Quantity, Algebra, function, Geometry, thiab Statistics thiab Probability. Cov kev kawm rau kev daws teebmeem, cov qauv, thiab technology no yog yuav siv los pab ntxiv mus rau yim yam qauv uas kawm thiab kev xyaum ua lej, uas yuav pab kom muaj kev totaub txog ob peb yam kev kawm. Mathematics 1 cov ntsias lus yog kawm txog kev siv function rau elements, tables, graphs, thiab equation; kev uas muab sis piv qhov zoo tibyam thiab qhov txawv thiab kev txiavtxim siab uas siv Algebraic models; proving Geometric theorems about two-dimensional figures; thiab modeling uas siv mathematical probability. Kev siv technology yuav siv los pib qhia thiab kom kawm tau mus rau txhua qhov uas yuav kawm.
Cov ntaub ntawv uas siv: Integrated Mathematics I, Houghton-Mifflin Harcourt

Mathematics I A, Part 1 03101

Department: Mathematics
Grade Level: 09-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Electives
UC/CSU: Elective: Mathematics (g)
NCAA: Yes

Hoob no yog ib feem ntawm ob feem yuav tau kawm uas kawm txog ntau yam xws li Algebra, Functions, Geometry, thiab Statistics. Hoob no kawm nrog rau hoob lej Mathematics I B, ob hoob no kawm uake yeej sis npaug tibyam li hoob Mathematics I thiab. Cov kev kawm daws teebmeem, cov qauv kawm, thiab kev siv technology yuav pab kom muaj kev totaub zoo txog ntau yam. Mathematics I A cov ntsiab lus qhia yog yuav qhia kom muaj kev totaub txog kev siv tables, graphs, and equations; paub txog qhov uas sis txawv lossis zoo tibyam thiab paub txiav txim siab txog tej yam los ntawm kev siv tus qauv Algebraic, thiab kom paub siv cov qauv rau kev ua lej mathematical probability. Tsi tas li ntawd xwb, yuav muab tej yam kev kawm on line lossis hauv hoob kawm rau cov tub ntxhais ua thiab pab tau tej yam kev tu ncua uas lawv muaj sub lawv thiaj yuav kawm tau zoo nyob rau hoob lej Mathematics I A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov ntaub ntawv uas siv: Integrated Mathematics 1, Volume 1; Houghton Mifflin Harcourt

Mathematics I A, Part 2 03102

Department: Mathematics
Grade Level: 09-12
Credits: 5.0
Max Credits: 5.0
Graduation Requirement: Mathematics I
UC/CSU: Elective: Mathematics (g)
NCAA: Yes

Hoob no yog ib feem ntawm ob feem yuav tau kawm uas kawm txog ntau yam xws li Algebra, Functions, Geometry, thiab Statistics. Hoob no kawm nrog rau hoob lej Mathematics I B, ob hoob no kawm uake yeej sis npaug tibyam li hoob Mathematics I thiab. Cov kev kawm daws teebmeem, cov qauv kawm, thiab kev siv technology yuav pab kom muaj kev totaub zoo txog ntau yam. Mathematics I A cov ntsiab lus qhia yog yuav qhia kom muaj kev totaub txog kev siv tables, graphs, and equations; paub txog qhov uas sis txawv lossis zoo tibyam thiab paub txiav txim siab txog tej yam los ntawm kev siv tus qauv Algebraic, thiab kom paub siv cov qauv rau kev ua lej mathematical probability. Tsi tas li ntawd xwb, yuav muab tej yam kev kawm on line lossis hauv hoob kawm rau cov tub ntxhais ua thiab pab tau tej yam kev tu ncua uas lawv muaj sub lawv thiaj yuav kawm tau zoo nyob rau hoob lej Mathematics I A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Qhov yuav tsum tau kawm uantej: Mathematics I A, Part 1
Cov ntaub ntawv uas siv: Integrated Mathematics 1, Volume 1; Houghton Mifflin Harcourt

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Mathematics I B, Part 1 — 03103

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics I (c) **NCAA: Yes**

Hoob kawm no yog feem ob ntawm ob feem uas yuav tau kawm uas kawm kom muaj kev totaub txog Algebra, Functions, Geometry, thiab Statistics. Hoob no kawm nrog rau hoob lej Mathematics I A, ob hoob no kawm uake yeej sis npaug tibyam li hoob Mathematics I thiab. . Cov kev kawm daws teebmeem, cov qauv kawm, thiab kev siv technology yuav pab kom muaj kev totaub zoo txog ntau yam. Mathematics I B cov ntsiab lus qhia yog kom muaj kev totaub txog, geometric transformation thiab congruence, properties of lines, angles, thiab triangles, nrog rau kev siv tej yam li no ntawm cov properties; thiab quadrilaterals thiab coordinate proof. Tsi tas li ntawd xwb, yuav muab tej yam kev kawm on line lossis hauv hoob kawm rau cov tub ntxhais ua thiab pab tau tej yam kev tu ncua uas lawv muaj sub lawv thiaj yuav kawm tau zoo nyob rau hoob lej Mathematics IB. Hoob no ncav cuag li lub District kev samfwm rau kev kawm lej thiaj kawm ntawv tiav thiab ncav cuag UC thiab CSU kev samfwm rau kev kawm lej. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Qhov yuav tsum tau kawm uantej: Mathematics I A, Part 2
Cov ntaub ntawv uas siv: Integrated Mathematics 1, Volume 2; Houghton Mifflin Harcourt

Mathematics I B, Part 2 — 03104

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics I
UC/CSU: Mathematics I (c) **NCAA: Yes**

Hoob kawm no yog feem ob ntawm ob feem uas yuav tau kawm uas kawm kom muaj kev totaub txog Algebra, Functions, Geometry, thiab Statistics. Hoob no kawm nrog rau hoob lej Mathematics I A, ob hoob no kawm uake yeej sis npaug tibyam li hoob Mathematics I thiab. . Cov kev kawm daws teebmeem, cov qauv kawm, thiab kev siv technology yuav pab kom muaj kev totaub zoo txog ntau yam. Mathematics I B cov ntsiab lus qhia yog kom muaj kev totaub txog, geometric transformation thiab congruence, properties of lines, angles, thiab triangles, nrog rau kev siv tej yam li no ntawm cov properties; thiab quadrilaterals thiab coordinate proof. Tsi tas li ntawd xwb, yuav muab tej yam kev kawm on line lossis hauv hoob kawm rau cov tub ntxhais ua thiab pab tau tej yam kev tu ncua uas lawv muaj sub lawv thiaj yuav kawm tau zoo nyob rau hoob lej Mathematics IB. Hoob no ncav cuag li lub District kev samfwm rau kev kawm lej thiaj kawm ntawv tiav thiab ncav cuag UC thiab CSU kev samfwm rau kev kawm lej. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Qhov yuav tsum tau kawm uantej: Mathematics I B, Part 1
Cov ntaub ntawv uas siv: Integrated Mathematics 1, Volume 2; Houghton Mifflin Harcourt

Mathematics I Newcomer EL — 03810

Department: Mathematics
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics I
UC/CSU: Mathematics I (c) **NCAA: No**

Mathematics I Newcomer EL
Hoob kawm no yuav qhia cov uas tabtom kawm ntawv Askiv nyob rau hauv Newcomer Program paub tej txujci tseemceeb rau kev kawm algebra thiab geometry uas yuav tsum tau paub thiaj li yuav kawm tau lej ua ntu zus nyob rau hauv high school. Cov ntsiab lus yuav kawm muaj li no, linear thiab exponential functions, congruency, scatter plots, two-way frequency tables, thiab measures of central tendency. Hoob kawm no yeej muaj cov qauv kawm ntawv hauv ELD uas qhia cov lus (vocabulary), kev sau ntawv, thiab kom puab nyeem cov ntawv sau txog cov npab lej. Cov xibfwb yuav muaj ntau yam los qhia kom lawv totaub txog kev mloog lus, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv kom ncav cuag lawv tej kev tu ncua rau cov nyuam qhuav tuaj tshiab tuaj uas tseem tabtom kawm ntawv Askiv.
Hoob yuav tsum tau kawm uantej: Tsi muaj
Hoob yuav tsum tau kawm uake nrog: Newcomer Program
Cov ntaub ntawv siv los kawm: Integrated Mathematics 1, Volumes 1 and 2

Mathematics I Newcomer EL Companion Course 03811

Department: Mathematics
Grade Level: 09-12
Credits: 10.0
Max Credits: 20.0
Graduation Requirement: Mathematics
UC/CSU: None
NCAA: No

Mathematics I Newcomer EL Companion Course
Hoob kawm no yog rau cov tub ntxhais uas muaj kev tabkaum rau lawv kev kawm ntawv yav dhau los thiab yuav tsum tau kawm hoob no nrog rau Mathematics I Newcomer EL thaum lawv kawm nyob rau hauv Newcomer Program. Lub homphiaj yog kom cov tub ntxhais kawm thiab paub cov txujci tseemceeb sub lawv thiaj li yuav kawm tau Mathematic I zoo thiab mus ntxiv rau yav tom ntej. Hoob kawm no yeej muaj cov qauv kawm ntawv hauv ELD uas qhia cov lus (vocabulary), kev sau ntawv, thiab kom puab nyeem cov ntawv sau txog cov npab lej. Cov xibfwb yuav muaj ntau yam los qhia kom lawv totaub txog kev mloog lus, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv kom ncav cuag lawv tej kev tu ncua rau cov nyuam qhuav tuaj tshiab tuaj uas tseem tabtom kawm ntawv Askiv. Hoob kawm no rov kawm dua tau, tiamsis tsuas tau 20 credits lawm xwb, yog hais tias hoob Mathematic I nyob hauv Newcomer EL course yuav rov tau kawm dua vim yog poob qhabnees.
Hoob yuav tsum tau kawm uantej: Tsi muaj
Hoob yuav tau kawm uake nrog: Mathematics I Newcomer EL thiab kawm hauv Newcomer Program
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv kawm

Mathematics I Support 03016

Department: Mathematics
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Electives
UC/CSU: None
NCAA: No

Hoob no yog tsim rau cov tub ntxhais uas kawm Mathematics I uas kawm tsi tau zoo poob qis dua li nws qib kawm vim muaj kev tu ncua rau kev kawm. Kev kawm nyob rau hoob no yeej sis ncag tibyam li Mathematics I scope thiab yeej kawm ua ntu zus thiab cia kom cov tub ntxhais muaj sijhawm los mus kawm ntxiv cov qauv rau kev kawm ntawv uas tseemceeb rau kev kawm lej nyob rau hauv high school. Cov tub ntxhais yuav kawm ob qhov tibsi tsi hais online thiab hauv hoob kawm los txhawb rau kom paub cov qauv kawm ntawv rau Mathematic I nrog rau cov qauv uas twb kawm nyob rau cov qib kawm yav tas los. Hoob kawm no kawm tau 10 elective credits.
Hoob uas yuav tsum tau kawm uake nrog: Yog hoob Mathematic I
Cov ntaub ntawv siv los qhia: ST Math lossis IXL Math (digital / on-line curriculum)

Mathematics II 03025

Department: Mathematics
Grade Level: 09-12
Credits: 10.0
Max Credits: 10.0
Graduation Requirement: Mathematics
UC/CSU: Mathematics II (c)
NCAA: Yes

Hoob kawm no yog hoob thib ob ntawm (3) hoob kawm rau cov kev qhia li nram qab no: Lej thiab Quantity, Algebra, Functions, Geometry, thiab Statistics thiab Probability. Hoob no kawm tshwj rau extending the laws of exponents mus rau rational exponents, thiab kev daws teebmeem thiab kom paub muab cov characteristics cov los sis piv seb zoo licas, uas yuav muaj tej qhov sis txawv. Cov tub ntxhais yuav ua lawv cov haujlwm txuas ntxiv kom muaj cov zoo sis xws li triangle thiab coordinate proofs, constructions, congruence, thiab transformations thaum lawv siv proportional reasoning, trigonometric ratios thiab Pythagorean Identity. Cov tub ntxhais yuav kawm kom muaj kev totaub ntxiv txog probability thiab statistics.
Hoob yuav tsum tau kawm uantej (s): Mathematics I or Applied Mathematics thiab yuav tsum tau tus qhabnees C lossis zoo dua
Cov ntaub ntawv siv los qhia: Integrated Mathematics 2, Houghton-Mifflin Harcourt

Mathematics II A, Part 1 — 03125

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Lub hoob qha kawm nuav yog thawj lub hoob ntawm ob qhov kev qha kawm ua nyob rua huv Hoob Leb II kws muaj lub hom phaj saib txug txuj kev ua moog ntawm cov operations on polynomials, extending the laws of exponents, comparing the characteristics of functions, graphing hab solving quadratic equations, finding inverse functions, hab solving systems of quadratic equations hab inequalities. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog tas xaav ua kom tau zoo nyob rua huv hoob Leb II A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Mathematics I, Mathematics I B Part 2, los yog Applied Mathematics nrug rua ib tug qhab nees C los yog sab zog.
Cov ntaub ntawv siv los qhia: Integrated Mathematics 2, Volume 1, Houghton-Mifflin Harcourt

Mathematics II A, Part 2 — 03126

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Lub hoob qha kawm nuav yog thawj lub hoob ntawm ob qhov kev qha kawm ua nyob rua huv Hoob Leb II kws muaj lub hom phaj saib txug txuj kev ua moog ntawm cov operations on polynomials, extending the laws of exponents, comparing the characteristics of functions, graphing hab solving quadratic equations, finding inverse functions, hab solving systems of quadratic equations hab inequalities. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog tas xaav ua kom tau zoo nyob rua huv hoob Leb II A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Mathematics II A, Part 1
Cov ntaub ntawv siv los qhia: Integrated Mathematics 2, Volume 1, Houghton-Mifflin Harcourt

Mathematics II B, Part 1 — 03127

Department: Mathematics
Grade Level: 09-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics II (c) **NCAA: Yes**

Lub hoob qha kawm nuav yog lub hoob qha kawm thib ob ntawm ob qhov kev qha kawm ua nyob rua huv Hoob Leb II. Siv cov kev tau kawm paub nyob rua huv hoob Math II A, lub hoob qha kawm nuav yuav lug qha kawm txug cov geometric proof, similarity, properties of circles, volume, properties of right triangles, hab probability, qhov tseem tag yog yuav tau muab lug siv ua raws le txuj kev txav txim. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog xaav kom ua tau zoo nyob rua huv hoob Leb II B. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Mathematics II A, Part 2
Cov ntaub ntawv siv los qhia: Integrated Mathematics 2, Volume 2, Houghton-Mifflin Harcourt

Mathematics II B, Part 2 — 03128

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics II (c) | **NCAA: Yes**

Lub hoob qha kawm nuav yog lub hoob qha kawm thib ob ntawm ob qhov kev qha kawm ua nyob rua huv Hoob Leb II. Siv cov kev tau kawm paub nyob rua huv hoob Math II A, lub hoob qha kawm nuav yuav lug qha kawm txug cov geometric proof, similarity, properties of circles, volume, properties of right triangles, hab probability, qhov tseem tag yog yuav tau muab lug siv ua raws le txuj kev txav txim. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog xaav kom ua tau zoo nyob rua huv hoob Leb II B. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Mathematics II B, Part 1
Cov ntaub ntawv siv los qhia : Integrated Mathematics 2, Volume 2, Houghton-Mifflin Harcourt

Mathematics II Honors — 03026

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics II (c) | **NCAA: Yes**

Hoob kawm no txua ntxiv rau cov kev qhia nyob rau Mathematics II. Hoob Mathematics II Honors no yuav kawm txog complex polynomial solutions, uas siv Fundamental Theorem of Algebra, extending constructions, thiab siv theoretical thiab muaj kev sim ua (experimental) probability los mus ua qauv rau compound events, permutations, combinations, thiab kev txiav txim siab kom yog rau tej yam yuav siv los ua. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Hoob yuav tsum tau kawm uantej(s): Mathematics I los yog Mathematics I B, Part 2 thiab yuav tsum tau tus qhabnees C lossis zoo dua
Cov ntaub ntawv siv los qhia: Integrated Mathematics 2, Houghton-Mifflin Harcourt

Mathematics II Plus — 03075

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tsim los rau cov tub ntxhais uas kawm hoob lej Mathematics II uas poob qis dua li nws qib kawm vim muaj kev tu ncua rau txojkev kawm ntawv. Cov kev kawm uas qhia hauv hoob no yeej sis ncag li hoob lej Mathematic II thiab tej uas kawm ua ntu zus thiab yeej cia kom cov tub ntxhais tau txhais kev kawm ntxiv rau cov qauv thiab tej tseemceeb uas yuav tsum tau paub thiaj yuav kawm tau lej zoo nyob rau hauv high school. Cov tub ntxhais yuav tau txais kev pab kom yuav kawm tau cov qauv lej (Mathematics II) thiab yuav kawm nrog rau cov qauv lej uas twb kawm nyob rau hauv cov qib yav tas los lawm thiab. Hoob kawm no yog kawm Dhau/ lossis Tsi Dhau xwb.
Qhov yuav tsum tau kawm uantej: Tsis Muaj
Qhov uas yuav tau kawm nrog: Yuav tau kawm hoob Mathematics II nrog
Cov ntaub ntawv siv los qhia: ST Math lossis IXL Math, nyob ntawm seb cov ntaub ntawv twg yog uas txais yuav los kawm ua qhov tseemceeb (core intervention).

Mathematics II Support — 03028

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim rau cov tub ntxhais uas kawm Mathematics II uas kawm tsi tau zoo poob qis dua li nws qib kawm vim muaj kev tu ncua rau kev kawm. Kev kawm nyob rau hoob no yeej sis ncag tibyam li Mathematics I scope thiab yeej kawm ua ntu zus thiab cia kom cov tub ntxhais muaj sijhawm los mus kawm ntxiv cov qauv rau kev kawm ntawv uas tseemceeb rau kev kawm lej nyob rau hauv high school. Cov tub ntxhais yuav kawm ob qhov tibsi tsi hais online thiab hauv hoob kawm los txhawb rau kom paub cov qauv kawm ntawv rau Mathematic II nrog rau cov qauv uas twb kawm nyob rau cov qib kawm yav tas los. Hoob kawm no kawm tau 10 elective credits.
Hoob yuav tsum tau kawm nrog uake: Yog hoob Mathematic II
Cov ntaub ntawv siv los qhia: ST Math lossis IXL Math

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Mathematics II/III Accelerated Honors — 03037

Department: Mathematics
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics II (c) **NCAA: Yes**

Hoob kawm no kawm txog cov qauv nyob rau Mathematics II Honors ntxiv rau ib qhov nyob rau Mathematics III Honors uas yog kawm ntxiv txog cov kevcai rau exponents to rational exponets; kom paub ua thiab paub muab cov characteristic functions coj los sis piv, uas muaj polynomial, rational thiab radical functions (ua siv ob hom lej Real thiab Complex number systems) nrog rau Fundamental Theorem of Algebra and the Binomial Theorem. Cov tub ntxhais yuav kawm ntxiv txog similarity, proofs, constructions, and transformations thaum lawv siv proportional reasoning, trigonometry, thiab the Pythagorean Identity. Cov tub ntxhais yuav kawm kom totaub ntxiv txog probability thiab statistics, uas siv theorectical thiab experimental probability los ua tej yam qauv, permuations, combinations, thiab paub txiav txim siab kom ncaj ncees. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Qhov yuav tsum tau kawm uantej: Kawm hoob Mathematics I thiab tau tus C lossis zoo dua
Cov ntaub ntawv siv los qhia: Integrated Mathematics II, Volumes 1 and 2, and Integrated Mathematics III, Volume 1, Houghton-Mifflin Harcourt

Mathematics II/Pre-Calculus A Honors — 03047

Department: Mathematics
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics II (c) **NCAA: Yes**

Hoob no yog tsim rau cov tub ntxhais uas xav kawm lej ntxiv, hoob no yog thawj hoob ntawm ob- hoob yuav kawm. Nrog rau Mathematics III/Pre-Calculus B Honors, ob hoob no yuav npaj cov tub ntxhais kom kawm tau vammeej zoo rau AP Calculus. Thawj hoob yog yuav qhia txog tasnrho cov qauv kawm hauv Mathematice II Honors nrog rau ib cov qauv hauv Pre- Calculus uas kawm txog radian measure, the unit circle, thiab trigonometric functions thiab lawv qhov inverses. Nyob rau hoob kawm thib ob, cov tub ntxhais yuav kawm txog cov qauv hauv Mathematic III Honors thiab cov qauv uas tseem tsi tau kawm hauv Pre- Calculus.
Thov nco cia: hoob kawm no tsi yog "honors" uas yuav suav tau qhabnees credit los ntawm UC system. EGUSD hoob kawm honor no tsi tau suav hais tias yog qib-honor los ntawm cov UC/ CSU. Nws tsuas kawm tau qhabnees rau EGUSD GPA xwb, nws suav tsi tau GPA los ntawm cov UC/ CSU.

Hoob yuav tsum tau kawm uantej: Mathematics I, Mathematics I B, Part 2, lossis Applied Mathematics thiab yuav tsum tau tus qhabnees C lossis zoo dua.
Cov ntaub ntawv siv los kawm: Integrated Mathematics 2, Volumes 1 and 2 (first half of course), Houghton Mifflin Harcourt, Copyright 2015; PreCalculus with Limits (second half of course), 4th Edition, Cengage Learning, Copyright 2018.

Mathematics III — 03035

Department: Mathematics
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c) **NCAA: Yes**

Hoob kawm no yog hoob thib peb uas kawm uas ntu zus rau peb hoob uas kawm li nram qab no: Number thiab Quantity, Algebra, Functions, Geometry, thiab Statistics thiab Probability. Hoob no kawm plaub yam loj tshwjxeeb li no: (1) Kawm kom paub ntxiv thiab totaub txog polynomial, rational, thiab radical functions, (2) Expanding right triangle trigonometry to include general triangles, (3) siv tau tej yam kev kawm nyob rau probability thiab statistics los mus saib rau data, thiab (4) Consolidating functions thiab geometry los tsim ib cov qauv thiab kom paub dawb teebmeem nyob rau kev nyeem ntawv uas siv lej los ua.
Hoob yuav tsum tau kawm uantej: Mathematics II, Mathematics II B, Part 2, Mathematics II Honors, lossis Exploring Functions through Mathematical Practices uas tau tus qhabnees C lossis zoo dua.
Cov ntaub ntawv siv los qhia: Integrated Mathematics 3, Houghton-Mifflin Harcourt

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Mathematics III A, Part 1 — 03135

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Lub hoob qha kawm nuav yog thawj lub hoob ntawm ob qhov kev qha kawm ua nyob rua huv Hoob Leb III kws muaj lub hom phaj saib txug txuj kev ua moog ntawm cov polynomial functions, rational hab radical functions, hab cov kev siv geometry hab functions lug ua tug qauv hab solve problems. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog xaav kom ua tau zoo nyob rua huv hoob Leb III A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Mathematics II, Mathematics II B, Part 2 lossis Exploring Functions through Mathematical Practices uas tau tus C lossis zoo dua
Cov ntaub ntawv siv los qhia: Integrated Mathematics 3, Volume 1, Houghton-Mifflin Harcourt

Mathematics III A, Part 2 — 03136

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Lub hoob qha kawm nuav yog thawj lub hoob ntawm ob qhov kev qha kawm ua nyob rua huv Hoob Leb III kws muaj lub hom phaj saib txug txuj kev ua moog ntawm cov polynomial functions, rational hab radical functions, hab cov kev siv geometry hab functions lug ua tug qauv hab solve problems. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog xaav kom ua tau zoo nyob rua huv hoob Leb III A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Mathematics III A, Part 1
Cov ntaub ntawv siv los qhia: Integrated Mathematics 3, Volume 1, Houghton-Mifflin Harcourt

Mathematics III B, Part 1 — 03137

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics III (c) **NCAA: Yes**

Lub hoob qha kawm nuav yog lub hoob qha kawm thib ob ntawm ob qhov kev qha kawm ua kws muaj nyob rua huv hoob Leb III kws muaj lub hom phaj lug saib txug txuj kev ua moog ntawm cov exponential hab logarithmic functions hab equations, trigonometric functions, hab yuav tau siv cov data lug txav txim saib ua moog. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog xaav kom ua tau zoo nyob rua huv hoob Leb III A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Yuav tsum kawm tav Hoob Leb III A, Part 2
Cov ntaub ntawv siv los qhia: Integrated Mathematics 3, Volume 2, Houghton-Mifflin Harcourt

Mathematics III B, Part 2 — 03138

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c) **NCAA: Yes**

Lub hoob qha kawm nuav yog lub hoob qha kawm thib ob ntawm ob qhov kev qha kawm ua kws muaj nyob rua huv hoob Leb III kws muaj lub hom phaj lug saib txug txuj kev ua moog ntawm cov exponential hab logarithmic functions hab equations, trigonometric functions, hab yuav tau siv cov data lug txav txim saib ua moog. Cov tub kawm ntawv los yuav tau txais kev paab cuam qha ua nyob online hab nyob huv lub hoob lug paab rua txhua yaam kev tu ncuas muaj nyob rua huv txuj kev paub ua leb yog xaav kom ua tau zoo nyob rua huv hoob Leb III A. Hoob qha kawm nuav yuav tau txais 5 credits rua qhov elective credits nyob rua thawj semester hab 5 mathematics credits nyob rua semester ob.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Yuav tsum kawm tav Hoob Leb III B, Part 1
Cov ntaub ntawv siv los qhia: Integrated Mathematics 3, Volume 2, Houghton-Mifflin Harcourt

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Mathematics III Honors 03036

Department: Mathematics
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c) **NCAA: Yes**

Hoob no kawm txuas ntxiv rau cov kev kawm nyob rau hauv Mathematics III. Mathematics III Honors kawm txuas ntxiv txog polynomial identities mus rau tej yam nyuaj dua, uas siv Fundamental Theorem of Algebra thiab Binomial Theorem, kom totaub txog rational expressions nrog rau ob qhov linear thiab quadratic denominators tias nkawv yog analogous mus rau rational numbers, proving thiab siv Laws of Sines thiab Cosines thiab siv lawv los dawb teebmeem, siv Laws of Sines thiab Cosines rau ob qhov non-right triangles, thiab siv probability concepts rau tej yam uas nyuaj. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Hoob yuav tsum tau kawm uantej: Mathematics II, Mathematics II B, Part 2, Mathematics II Honors, lossis Exploring Functions through Mathematical Practices uas tau tus qhabnees C lossis zoo dua.
Cov ntaub ntawv siv los qhia: Integrated Mathematics 3, Houghton-Mifflin Harcourt

Mathematics III Plus 03076

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

Hoob kawm no yog tsim los rau cov tub ntxhais uas kawm hoob lej Mathematics III uas poob qis dua li nws qib kawm vim muaj kev tu ncua rau txojkev kawm ntawv. Cov kev kawm uas qhia hauv hoob no yeej sis ncag li hoob lej Mathematics III thiab tej uas kawm ua ntu zus thiab yeej cia kom cov tub ntxhais tau txhais kev kawm ntxiv rau cov qauv thiab tej tseemceeb uas yuav tsum tau paub thiaj yuav kawm tau lej zoo nyob rau hauv high school. Cov tub ntxhais yuav tau txais kev pab kom yuav kawm tau cov qauv lej (Mathematics III) thiab yuav kawm nrog rau cov qauv lej uas twb kawm nyob rau hauv cov qib yav tas los lawm thiab. Hoob kawm no yog kawm Dhau/ lossis Tsi Dhau xwb.
Qhov yuav tsum tau kawm uantej: Tsis Muaj
Qhov uas yuav tau kawm nrog: Yuav tau kawm hoob Mathematics III nrog
Cov ntaub ntawv siv los qhia: ST Math lossis IXL Math, nyob ntawm seb cov ntaub ntawv twg yog uas txais yuav los kawm ua qhov tseemceeb (core intervention).

Mathematics III Support 03039

Department: Mathematics
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug rua cov Mathematics III tub kawm ntawv twg kws tseem ua tau qeg tshaaj le qeb kawm vim yog muaj kev kawm ua tu ncuas. Cov ntsab lug muaj muab lug qha kawm nyob rua huv lub hoob nuav yog yuav lug ua xws le qhov Mathematics III qhov hom phaj hab qhov kev ua moog hab yuav muaj muab sij hawm kom ntau rua cov tub kawm ntawv ntxiv lug kawm nyob rua ntawm cov kev qha kawm kom muaj kev ua tau zoo ntxiv moog nyob rua huv cov tsev kawm ntawv theem peb cov leb. Cov tub kawm ntawv los yuav muaj muab kev qha kawm tuab si nyob rua huv online hab nyob rua huv hoob lug paab cuam txhawb nqaa kom paub zoo txug cov kev qha kawm mathematics III nrug rua cov kev kawm rua theem qeb kawm taag ua ntej. Hoob qha kawm nuav yuav tau txais le 10 credits rua qhov elective credits.
Cov-yuav tsum muaj kawm uake: Yuav tsum kawm nrug hoob Mathematics III.
Cov ntaub ntawv siv los qhia: ST or IXL Math (cov ntawv digital / hauv kab)

Mathematics III/Pre-Calculus Accelerated Honors — 03038

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics III (c) | **NCAA: Yes**

Hoob no muaj ib cov qauv kawm ntawm Mathematics III Honors nrog rau tasnrho cov qauv rau PreCalculus uas kawm ntxiv txog trigonometry uas muaj cov triangles thiab qhia txog kev siv cov kevcai rau Sines thiab Cosines nrog rau kev siv geometry los mus tsim ib cov qauv thiab kom paub daws teebmeem. Cov tub ntxhais yuav siv cov qauv ntawm probability thiab statistics los saib txog tej kev qhia ntawm cov data lub sijhawm uas lawv tseem saib txog tej yam nyuaj uas yuav tau daws. Tsi tas li ntawd xwb, cov tub ntxhais yuav siv cov qauv ntawm linear algebra, math analysis, los daws tej teebmeem thaum muaj tshwm sim tiag. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Qhov yuav tsum tau uantej: Kawm kom tiav hoob Mathematics II/III Accelerated Honors thiab tau tus C lossis zoo dua
Cov ntaub ntawv siv los qhia: Integrated Mathematics III, Volume 2 Houghton-Mifflin Harcourt and Precalculus with Limits, 4th Edition, Cengage Learning

Mathematics III/Pre-Calculus B Honors — 03048

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics III (c) | **NCAA: Yes**

Hoob no yog tsim rau cov tub ntxhais uas xav kawm lej ntxiv, hoob no yog thawj hoob ntawm ob- hoob yuav kawm. Nrog rau Mathematics II/Pre-Calculus A Honors, hoob no yuav npaj cov tub ntxhais kom kawm tau vammeej zoo rau AP Calculus. Hoob thib ob yog yuav qhia txog tasnrho cov qauv kawm hauv Mathematice III Honors nrog rau ib cov qauv hauv Pre- Calculus uas kawm txog analytic trigonometry, conic sections, thiab pib qhia txog limits.
Thov nco cia: hoob kawm no tsi yog "honors" uas yuav suav tau qhabnees credit los ntawm UC system. EGUSD hoob kawm honor no tsi tau suav hais tias yog qib-honor los ntawm cov UC/ CSU. Nws tsuas kawm tau qhabnees rau EGUSD GPA xwb, nws suav tsi tau GPA los ntawm cov UC/ CSU.

Hoob yuav tsum tau kawm uantej: Mathematics II/Pre-Calculus A Honors thiab yuav tsum tau tus qhabnees C lossis zoo dua.
Cov ntaub ntawv siv los kawm: Integrated Mathematics III, Volumes 1 and 2 (first half of course); PreCalculus with Limits (second half of course)

Pre-Calculus — 03040

Department: Mathematics | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Mathematics | **UC/CSU:** Mathematics - Advanced (c) | **NCAA: Yes**

Hoob no yog tsim los txuas kev kawm ntxiv rau lej kom tshaj li tus qauv rau 3-xyoo kev kawm rau Mathematics 1, Mathematics II thiab
Mathematics III. Peb nquahu kom yuav ib lub graphing calculator. Suav tau nws qhov credit ua ib hoob lej hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob lej rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tas Mathematics III thiab tau qhab-nees C los siab dua lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Precalculus with Limits, 4th Edition, Cengage Learning

Pre-Calculus A, Part 1 — 03143

Department: Mathematics | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** Elective: Mathematics (g) | **NCAA: Yes**

Qhov no yog thawj feem ntawm ob feem uas yuav tau kawm rau Pre- Calculus uas muaj kawm ua ntu zus uas kawm tau 5 elective credits rau thawj feem uas kawm thiab tau tsib credits rau lej feem thib ob. Hoob no yuav kawm ntxiv txog exponential, logarithmic, trigonometric, inverse, thiab higher degree polynomials. Cov tub ntxhais yuav muab cov kev kawm no nrog rau geometry los tsim ib tus qauv los daws ib cov teebmeem (contextual problems).
Hoob yuav tau kawm uatnej: Mathematics III lossis Mathematics III Honors thiab yuav tsum tau tus C lossis zoo dua
Cov ntaub ntawv siv los qhia: Pre-Calculus with Limits, 4th edition, Cengage Learning

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Pre-Calculus A, Part 2 — 03144

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Elective: Mathematics (g) **NCAA: Yes**

Qhov no yog thawj feem ntawm ob feem uas yuav tau kawm rau Pre- Calculus uas muaj kawm ua ntu zus uas kawm tau 5 elective credits rau thawj feem uas kawm thiab tau tsib credits rau lej feem thib ob. Hoob no yuav kawm ntxiv txog exponential, logarithmic, trigonometric, inverse, thiab higher degree polynomials. Cov tub ntxhais yuav muab cov kev kawm no nrog rau geometry los tsim ib tus qauv los daws ib cov teebmeem (contextual problems).
Hoob yuav tau kawm uatnej: Pre-Calculus A, Part 1
Cov ntaub ntawv siv los qhia: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus B, Part 1 — 03145

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

Qhov no yog qhov thib ob rau Pre- Calculus uas muaj kawm ua ntu zus uas kawm tau 5 elective credits rau thawj feem uas kawm thiab tau tsib credits rau lej feem thib ob. Hoob no yuav kawm ntxiv txog equations thiab inequalities thiab sequences thiab series thiab introduces conic sections thiab vectors. Cov tub ntxhais yuav kawm txog ntau lub ntsiab lus los tsim ib tus qauv thiab daws teebmeem.
Hoob yuav tsum tau kawm uantej: Pre-Calculus A, Part 2
Cov ntaub ntawv siv los qhia: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus B, Part 2 — 03146

Department: Mathematics
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

Qhov no yog qhov thib ob rau Pre- Calculus uas muaj kawm ua ntu zus uas kawm tau 5 elective credits rau thawj feem uas kawm thiab tau tsib credits rau lej feem thib ob. Hoob no yuav kawm ntxiv txog equations thiab inequalities thiab sequences thiab series thiab introduces conic sections thiab vectors. Cov tub ntxhais yuav kawm txog ntau lub ntsiab lus los tsim ib tus qauv thiab daws teebmeem.
Hoob yuav tsum tau kawm uantej: Pre-Calculus B, Part 1
Cov ntaub ntawv siv los qhia: Pre-Calculus with Limits, 4th edition, Cengage Learning

Pre-Calculus Honors — 03041

Department: Mathematics
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: Yes**

Hoob no yog tsim los txuas kev kawm ntxiv rau lej kom tshaj li tus qauv rau 3-xyoo kev kawm rau Mathematics 1, Mathematics II thiab Mathematics III. Peb nquahu kom yuav ib lub graphing calculator. Nws raug nquahu rau cov menyuam kawm ntawv uas xav mus kawm hoob AP calculus. Cov uas yuav kawm txog yog: limits, derivatives, continuity, piece-wise functions, nrog rau kev xav txog lej, trigonometry, thiab linear algebra. Peb nquahu kom yuav ib lub graphing calculator. Suav tau nws qhov credit ua ib hoob lej hauv kev kawm kom tiav. Hoob no siv txoj kev muab qhab-nees "5-point A" grading system uas luag siv hauv lub CSU thiab UC system. Hoob no suav tau ua ib hoob lej rau kev nkag mus kawm UC thiab CSU. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Yam yuavtsum tau kawm uantej: Kawm tas Mathematics III thiab tau qhab-nees C los siab dua lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Precalculus with Limits, 4th Edition, Cengage Learning

Probability and Statistics 03068

Department: Mathematics
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c) **NCAA: Yes**

Hoob no yog tsim los qhia txog tej uas tej zaum yuav muaj los (probability) thiab kev teev tej kev muaj tshwmsim los (processing of statistical information). Hoob no yuav rov los xyuas txog tej uas kawm hauv Algebra thiab Geometry tias nws siv tau rau kev teev tej yam kev tshwmsim (statistics) licas. Cov uas yuav kawm txog yog: tej uas tej zaum yuav muaj los (probability), kev sib faib (distributions), kev ntsuas tias feem ntau yuav muaj (measures of central tendency), tej uas yuav tshwm los txawv (standard deviation), thiab kev txhais cov kev tshwm los (data) no. (Peb nquahu kom yuav ib lub scientific calculator). Suav tau nws ua ib hoob lej hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob lej qibsiab uas tuamyeem kawm rau kev nkag mus kawm UC thiab CSU. Hoob no suav tau ua ib hoob lej rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Hoob yuav tsum tau kawm uantej: Mathematics II, Mathematics II B, Ntu 2, Honors II, lossis Kawm mentsis txog Kev Ua Ntej los ntawm Kev Ua Zauv nrog kev kawm C lossis zoo dua
Cov ntaub ntawv uas siv: Statistics and Probability with Applications, Third Edition; Bedford, Freeman & Worth

Quantitative Reasoning With Advanced Math Topics 03147

Department: Mathematics
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics III (c) **NCAA: Yes**

Hoob kawm no yog rau cov kawm qib kaum ob uas npaj siab yuav mus kawm college thiab ua haujlwm kom muaj txojkev xav rau lej thiab kom txawj daws teebmeem rau tej kev kawm siab txog lej thiab tej kom paub tej yuav tsum tau ua nyob rau tom lub chaw ua haujlwm. Hoob kawm no yuav txhawb thiab pab kom cov tub ntxhais txojkev kawm kev totaub txog lej los ntawm kev kawm tob ntxiv kom totaub txog lej, kom paub tej txujci thiab tej qauv siab rau kev kawm lej.
Tej uas yuav tsum tau kawm uantej: Intersegmental Partnership between CSUS/SCOE/PCOE/LRCCD/SJCCD, Publisher: CSUS/SCOE, Contact Joy Salvetti.

Transition to Quantitative Reasoning 03661

Department: Mathematics
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Mathematics
UC/CSU: Mathematics - Advanced (c) **NCAA: No**

Lub hoob qha kawm nuav yog tsim sim lug ua kom cov tub kawm ntawv paub ntau ntxiv txug cov kev cai ua leb hab lug npaaj cov tub kawm ntawv kom muaj kev kawm ua tau zoo nyob rua huv cov hoob leb kws yog theem kawm ntawm cov tsev kawm ntawv qeb sab. Lub hom phaj ntawm qhov kev qha kawm nuav yog ua lug rua kom muaj kev nkaag sab zoo txug cov mathematical theory, cov skills, hab cov tswv yim kws yuav tsum tau ua lug ntawm lub Xeev California cov Content hab cov kev cai xyum ua lug. Siv raws le cov kev paub muaj ua lug ntawm lub neej lug, lub hoob qha kawm nuav yuav paab tau tuab si rua cov tsev kawm ntawv qeb sab hab kev xyum ua dlej num rua cov tsev kawm ntawv theem peb cov seniors. Hoob no suav tau ua lej (credit) thiab ua tau raws li UC thiab CSU cov kev xaiv kawm.
Cov Hoob Kws Yuav Tsum Tau Muaj Ua Ntej: Hoob Math III los yog Mathematics III B, Part 2 nrug ib tug qhab nees C los yog sab zog
Cov ntaub ntawv uas siv: Intersegmental Partnership between CSUS/SCOE/PCOE/LRCCD/SJCCD, Publisher: CSUS/SCOE, Contact Joy Salvetti.

Physical Education

Aerobics — 08671

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsom txog kev dhia ua si pab lub cev muaj zog thiab ua kom taus pa. Yuav kawm txog Jazz aerobics, step aerobics, thiab body sculpting. Chav Kawm khab nias tej zaum yuav siv mus rau lub Physical Education kawm kom tiav.
Hoob kawm ua ntej mam kawm tau lwm hoob: PE Chav Kawm I thiab tau qhab nias C los siab dua
Cov ntaub ntawv uas siv: Tsis muaj

Athletic Conditioning — 08620

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los rau cov coaches thiab athletic directors muab cov menyuam ua kilas (athletes) los tso tau rau hoob qhia physical education kawg raws li txoj cai. Cov menyuam kawm ntawv yuav cia li xaiv hoob athletic Athletic Conditioning tsis tau. Cov menyuam kawm ntawv uas xav kawm hoob Athletic Conditioning yuavtsum tau sau npe mus kawm hoob Advanced Physical Education, thiab, yog nws tsimnyog, luag mam muab nws los nkag rau hauv hoob Athletic P.E. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Physical Education Hoob
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Athletic Conditioning and Strength Training — 08682

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob no nrhiav kev txhawb ntxiv rau cov tub ntxhais kislas tej kev kawm uas tseemceeb yuav tsum paub txog kev ua kislas, tsi hais lub cev ntaj nrug, txojkev xav, thiab kev sis raug zoo. Cov tub ntxhais kislas yuav tsim kom muaj kev tawm dag zog zoo rau lub cev thiab kev ua kislav kom ncav cuag lub homphiaj nyob rau hauv lawv lub neej. Hoob no yuav qhia cov tub ntxhais kislas kom paub meej txog cov kev xyaum npaj tus kheej kom noj qab nyob zoo rau kev ua kislav, tsi hais thaum ua kislas lossis thaum so uas yeej tseem yuav tau npaj xyaum tus kheej li. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Cov credit no siv tau mus rau hoob kawm uas dag zog rau kev kawm ntawv tiav.
Co-requisite: Cov tub ntxhais uas kawm qib 9 yuav tsum tau xeem rau California Physical Fitness Test.
Cov ntaub ntawv siv los qhia: Tsi siv cov phau ntawv qhia

Basketball — 08601

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog tej yam txuj ci yooj yim mus rau nyuaj heev nrog rau kev siv tswvyim thaum sib tw. Cov tub ntxhais hluas yuav tsum hnav ris tsho raws li kev cai, koom txhua txhua hnub (tsuas pub qhab thaum muaj mob los yog naikhu tso cai xwb), tuaj kom raws sijhawm, thiab tw xeem txog tej txuj ci uas muaj nrog rau daim ntawv tw xeem. Chav Kawm khab nias tej zaum yuav siv mus rau lub Physical Education kawm kom tiav.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm dhau hoob PE Course I
Cov ntaub ntawv uas siv: Tsis muaj

Careers In Athletics — 08676

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los qhia cov menyuam kawm ntawv txog cov haujlwm uas muaj hauv kev ua kilas (athletics) thiab sports. Cov units uas yuav kawm txog yog kev ua tus saib cov kev ua sports, cov teebmeem txog sports, teaching/coaching theory, kev khiav kev ua kilas (athletic administration), thiab ua tus txiavtxim (officiating) txog kev ua sports. Yuav muaj kev qhia txog kev yuav cov khoom kias thiab kev tshawb nrhiav, neeg tuaj hais lus, mus ntsia luag ua, thiab mus pab neeg zejzos. Ua kev tuamyeem credit nkaus xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Fit4Life — 08686

Department: Physical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Lub hoob qha kawm nuav yog tsim tsuas cov tub ntxhais kawm ntawv twg kws xaav muaj kev ua ntxiv txug puab lub hom phaj kws tau npaaj rua txuj kev fwj lub cev kom muaj kev noj qaab nyob zoo tsuas lub neej tom qaab kawm ntawv taag huv high school. Lub hoob qha kawm nuav yuav lug saib txug txuj kev ua seb yuav ua le caag txhaj le yuav ua tau zoo ntxiv moog hab tswj tau lub cev kom muaj zug moog, ua kom lub plawv hab ntsws muaj zug kaav ntev (cardiovascular endurance), kom ua tau txhua yaam (flexibility), kom muaj kev noj qaab nyob zoo (core stability), hab kom muaj kev luj nyaav sib luag (balance). Cov tub ntxhais kawm ntawv los yuav tau txais kev cob qha ua ntau yaam heev lug ntawm qhov HIIT (high intensity interval training) cov kev ua (workouts), kev kawm cob qha tseem ceeb (core training), kev siv zug moog kev ceev2 (power walking), hab kev ua yoga kws yuav muaj muab ua ntxiv nyob rua huv lub neej tom qaab kawm ntawv taag huv high school nrug cov khoom muaj siv ua tau. Cov kev ua nuav los yuav muaj cov khoom txuj ci tshab kws yog tsim tsuas txuj kev noj qaab nyob zoo hab kev fwj lub cev kom muaj zug los yuav tau muaj muab lug siv saib hab. Nuav yog ib hoob kev qha kawm kws nyam txug es xaiv lug kawm nkaus xwb nyob rua ntawm hoob PE (elective PE Course) hab yuav muab kawm lug hloov los yog siv tsi tau rua huv hoob PE Course I los yog PE Course II.
Yuav Tsum Tau Kawm Hoob nuav ua ntej: PE Course I
Cov ntaub ntawv siv lug ua qha kawm tau pum zoo kom muaj: Tsi siv cov phau ntawv nyeem nyob rua huv hoob nuav

Fitnacize — 08629

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yuav qhia txog kev tawm dagzog txhua hnub uas muaj tso cov nkauj (music) nrog thiab kom yuav pab tau lub cev kom noj qab haus huv thiab kom yuav tswj tau lub cev kom yiag. Cov tub ntxhais yuav tsum tau muaj ib qhov kev tawm dagzog uas lawv ua ntawm lawv tus kheej thaum kawm yuav tiav hoob no. Hoob no yog ib hoob elective thiab yuav kawm tsi tau hoob no los hloov hoob PE I lossis PE II.
Cov ntaub ntawv uas siv: Tsis muaj

Fitness and Core Training — 08684

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav kawm txog ntau yam aerobic activities xws li muaj kev tawm dagzog uas siv tej yam khoom los pab lub cev, TRX bands, resistance bands, Bosu balls, physioballs, jump ropes, thiab weights. Kev uas tawm dagzog li no yuav ua rau lub plab, lub duav, pobtw, thiab lub nrag kom muaj zoo thiab zoo rau tasnrho lub cev.
Hoob uas yuav tsum kawm uantej: Hoob Physical Education Course I
Cov ntaub ntawv siv los qhia: Tsi Muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Flag Football — 08611

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los qhia cov tub ntxhais hluas kom paub thiab nkag siab txog tej yam yooj yim ntawm lo lus siv, kev cai tswj, thiab tswvyim txuas rau kev cuam thiab ncaws pov (flag football). Lawv yuav tau kawm txog keeb kwm qub qub nrog rau kev ua lub siab dav txawm tias yeej los yog swb kev cuam/ncaws pob. Txuas ntxiv, cov tub/ntxhais yuav xyaum kom txawj cov txuj ci los pab nws sib tw. Hoob no yog ib hoob xaiv kawm xwb thiab yuav tsis pub hloov mus rau hoob course I los yog course II.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob PE Course I thiab II
Cov ntaub ntawv uas siv: Tsis muaj

Golf — 08641

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no pib qhia tej yam txuj ci yooj yim mus rau tej yam nyuaj heev ntawm kev siv pas hlau ntaus pob mus rau ib lub qhov hauv av (golf). Yam tseem ceeb yog kev fiav tus pas hlau, kev tuav tus pas, cov khoom siv, keeb kwm ntawm kev ntaus pob golf, ntau hom kev ntaus pob, thiab kev siv hlwb rau yam ntaus pob no. Cov tub ntxhais hluas yuav tsum hnav ris tsho raws li kev cai, tuaj koom txhua txhua hnub, thiab tw xeem txog tej txuj ci uas muaj nrog rau cov ntawv tw xeem. Cov tub/ntxhais uas yog Sophomores muaj cai kawm hoob no thee hoob P.E. Course II ib semester xwb.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm tiav hoob PE Course I
Cov ntaub ntawv uas siv: Tsis muaj

Individual Sports, Introduction to — 08618

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no ntsig txog plaub yam kev qhia nyob rau tennis, golf, handball, thiab Frisbee golf. Cov txuj ci rau ib qho kev sib tw no yog qho tseem ceeb yuav kawm txog thiab kawm thoob lub hoob no. Yuav tau sau ntawv cia kom txhob hnov qab, nyeem ntawv, thiab tshawb nrhiav hauv internet pab ntxiv tej tub/ntxhais. Cov tub ntxhais hluas yuav tau tw xeem txog txhua yam tau kawm. Hoob no yog ib hoob xaiv kawm xwb thiab yuav tsis pub hloov mus rau hoob Course I los yog P.E. Course II. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Hoob kawm ua ntej mam kawm tau lwm hoob Course I
Cov ntaub ntawv uas siv: Tsis muaj

Personal Fitness/Walking — 08624

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los qhia txog kev tseem ceeb ntawm lub plawv/hlab plawv (cardiovascular), kev muaj zog, thiab kev ua zoo ntawm lub hlw kom tus tibneeg ntawm noj qab nyob zoo. Hoob no yuav pab cov tub ntxhais hluas kawm kom tau kev txawj ntse, tej txuj ci, thiab tus cwj pwm uas zoo los pab lawv kom muaj zog thaum koom nrog kev taug kev thiab ua tej yam qoj ib cev/nyom cev (xws li ua yoga, chi, aerobics, nrog rau lwm yam.) Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 30 credits xwb tsi tshaj ntawd.
Hoob kawm ua ntej mam kawm tau lwm hoob: Course I
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Physical Education, Course I — 08020

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Physical Education, Course I
Hoob no yog qhia txog ntau yam kev ua xwsli ua luam dej, dhia/seevcev, thiab cov kev ua ntawm tuskheej lossis nrog tej pab neeg ua. Txhua tus menyuam kawm ntawv yuavtsum tau hnav khaub-ncaws thiab mus koom cov kev ua txhua hnub. Hoob no yog tsim los pib qhia txog ntau yam kev ua. Hauv txhua yam kev ua, yuav hais txog cov qauv thiab cov kev uas yuav ua rau lub cev muaj zog. Cov qhab-nees (grades) yuav xam raws qhov nws kawm tau, kev koomtes nrog ua, kev sau ntawv, thiab cov kev xeem sau ntawv. Txhau tus menyuam kawm qib 9th yuavtsum xeem kom dhau 5 yam hauv 6 yam ntawm lub xeev cov FITNESSGRAM tests.

Physical Education, Adapted
Hoob no yog npaj los qhia rau cov menyuam kawm ntawv uas txoj kev xyaum lub cev li ib txwm siv tsis tau rau nws. Txoj kev xyaum lub cev uas nrhiav lwm yam los pab yog ua nrog kev saib los ntawm ib tus kws qhia Adapted Physical Education (A.P.E.) uas muaj kev kawm rau yam no. Tus kawm hoob no yuavtsum muaj ntawv los ntawm ib tus kws khomob. Txoj kev pabcuam no muaj cov kev ua raws tej tus tibneeg uas tsim tshwjxeeb los pab tus menyuam kawm ntawv ntawd txoj kev tu-ncua lossis tus mob. Hoob no yuav pab tshwjxeeb rau cov uas ua tsis tau qee yam thiab yuav tivthaiv cov menyuam kawm ntawv uas muaj teebmeem kev tu-ncua hauv lub cev.
Chav Kawm khab nias yuav muab siv los mus rau lub cev kev kawm ntawv kawm kom tiav. Yam yuavtsum tau kawm uantej: I.E.P. thiab tus kws khomob xa mus.

Physical Education, Modified
Hoob no pub kev kawm rau cov tub ntxhais hluas uas muaj tej yam nws ua tsis tau/muaj mob (ntev li plaub asthiv mus rau ib xyoo) xws li mob hauv caug, caj npab, pob taws, xub pwg, nraub qaum, nrog rau kev lov pob txha. Yuav tsum muaj kev pom zoo los ntawm tus kws kuaj mob thaum cuv npe kawm hoob no. Yuav tau koom tes xyaum tua hneev, ntaus tis qaib, sib tw pov Frisbee, pob qhov av, pob nyob saum dej khov, ua sib luag zos raws lub suab mus, ntaus pob ntawm rooj/thes niv, nrog rau kev nqa hlau hnyav uas yuav kho kom haum tus tub/nxhais. Yam yuavtsum tau kawm uantej: I.E.P. thiab tus kws khomob xa mus.
Hoob kawm ua ntej mam kawm tau lwm hoob: Muaj kev pom zoo los ntawm tus kws kuaj mob.
Cov ntaub ntawv uas siv: Tsis muaj

Physical Education, Course II — 08030

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob no yog qhia txog ntau yam kev ua uas hais txog cov Junior cov kev sibtw (combatives), gymnastics/tumbling thiab cov kev ua nrog tej pab neeg (team activities) raws li raug samfwm los ntawm lub Senior California Department of Education Physical Education Content Standards, hauv Course II. Cov menyuam kawm ntawv yuav kawm tau ntau yam kev tawm dagzog thiab paub tias yuav ua licas lub cev thiaj muaj zog thiab thiaj muaj kev nojqab hasuhuv. Lawv yuav tsim ib cov homphiaj thiab yuav siv tej uas lawv kawm tau los ua tas lawv sim neej kom muaj kev nojqab hasuhuv thiab lub cev muaj zog. Cov menyuam kawm ntawv uas tseem xeem tsi tau dhau 5 yam hauv 6 yam ntawm lub xeev cov FITNESSGRAM tests hauv Hoob I yuav tau xeem koj DHAU 5 yam hauv 6 yam ntawm lub xeev cov FITNESSGRAM tests hauv Hoob II.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Power Volleyball — 08627

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no muaj kawm txog cov txuj ci yooj yim mus rau cov uas nyuaj heev thiab kawm txog tswvyim pab ntaus npas kom zoo. Cov tub ntxhais hluas yuav tsum hnav ris tsho raws li kev cai, koom txhua txhua hnub (tsuas pub qhab thaum muaj mob los yog naikhu tso cai xwb), tuaj kom raws sijhawm, thiab tw xeem txog tej txuj ci uas muaj nrog rau daim ntawv tw xeem. Hoob no yog xaiv kawm xwb (elective).
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm dhau thawj hoob Course I
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Recreational Games — 08626

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no sojntsuam txog tej txujci kawm rau kev siv tes taws txav mus los li tau sau nyob rau hauv California Department of Education's "Challenge Standards for Physical Education." Cov tub ntxhais yuav tsum qhia tau hais tias lawv yeej kawm tau tej txujci thiab yeej ua tau lawm. Vim lub ntsiab lus loj yuav kawm yog hais txog kev sojntsuam seb cov qauv rau lub cev (physiological and mechanical) ua tau licas rau tibneeg kev txav mus los, Cov tub ntxhais yuav tau los kho kom haum rau lawv kev tawm dagaog kom yuav tau mus rau qhov uas siab tshaj nyob rau kev tawm dagzog thiab kev siv tes taw. Thaum kawm mus rau qhov siab uas yog qhov kawg lawm, cov tub ntxhais yuav tsum tau rovqab los saib txog lawv kev tawm dagzog ntawm tsev kawm ntawv, tshawb nrhiav txog seb vim licas thiaj qhia txog kev tawm dagzog nyob rau hauv tsev kawm ntawv, thiab los sojntsuam txog kev loj hlob nyob nruab nram ntawm kev tawm dagzog, yus tus kheej thiab kev uas nrog sawvdaws. Hoob no yog ib hoob elective thiab yuav kawm tsi tau los hloov PE Course I lossis PE Course II.
Cov ntaub ntawv uas siv: Tsis muaj

Recreational Racquet Sports — 08625

Department: Physical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais txog tej txujci thiab tej kev txawj ntse txog kev ntau tennis, badminton, pickleball, and ping pong. Lub homphiaj ntawm hoob no yog qhia kom cov tub ntxhais muaj kev txawj ntse,
Muaj kev sis raug zoo thaum ua kislas, thiab paub tej txujci uas lawv yuav tsum tau muaj yog xav ntau racquet sports mus li nyob hauv lawv lub neej. Hoob kawm no muaj ib qhov chaw rau cov tub ntxhais xyaum kom lawv muaj kev sis raug zoo nrog rau lwm tus. Hoob no yog ib hoob elective thiab yuav kawm tsi tau hoob no los hloov hoob PE I lossis II. Hoob no rovqab kawm dua los tau tiamsis tsuas pub txog 10 credits xwb.
Hoob uas yuav tsum tau kawm uantej: Yuav tsum tau kawm kom tiav 20 credits rau PE uantej uas yuav cuv npe kawm hoob no. Hoob no yog ib hoob elective thiab yuav kawm tsi tau hoob no los hloov hoob PE I lossis II uas yuav tsum tau 20-credit thiaj li yuav ncav cuag kev samfwm rau kev kawm ntawv tiav high school.
Cov ntaub ntawv siv los qhia: Tsi muaj ntaub ntawv dabtsi siv los qhia

Recreational Tennis — 08622

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los qhia cov tub ntxhais hluas kom paub thiab nkag siab txog tej yam yooj yim ntawm lo lus siv, kev cai tswj, thiab tswvyim txuas rau kev ntaus tennis. Lawv yuav tau kawm txog keeb kwm qub qub nrog rau kev ua lub siab dav txawm tias yeej los yog swb kev sib tw ntaus pob. Txuas ntxiv, cov tub/ntxhais yuav xyaum kom txawj cov txuj ci los pab nws sib tw rau kev ntaus pob. Hoob no yog ib hoob xaiv kawm xwb thiab yuav tsis pub hloov mus rau hoob course I los yog course II.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm tiav hoob Course I
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Sports for Life — 08679

Department: Physical Education | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no cia cov tub ntxhais kawm tej txujci rau kev ua kislas kom lawv yuav siv tau mus tag lawv simneej rau kev uasi los ntawm cov units kawm rau kev ua kislas. Tub ntxhais kev koom rau cov activities hauv hoob yuav pab tau kom lawv muaj kev tawm dag zog rau kev noj qab nyob zoo. Cov tub ntxhais kawm tau rau Sports for Life yog lawv kawm tau zoo thiab tiav rau hoob kawm PE I lossis lwm hoob sis npaug li ntawd. Cov qhabnees kawm tau hoob no siv tau mus rau hoob tawm dag zog uas tau raug samfwm kom yuav tsum tau kawm kom tiav thiaj kawm ntawv tiav (graduation requirement). Hoob kawm no kawm tau ob zaug tiamsis tsi pub tshaj 10 credits.
Hoob yuav tsum tau kawm uantej: Successful completion of Physical Education Course I or equivalent
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Sports for Life Survey — 08678

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yuav qhia cov tub ntxhais kom paub tej txujci rau kev ua kislas uas yuav siv mus tas simneej rau kev uasi los ntawm cov units kawm rau kev uas kislas nrog tej pab team. Cov tub ntxhais kev koom rau kev ua activities hauv hoob yuav pab tau kom lawv tsuas muaj kev noj qab haus huv ntxiv ntawm cev nqaij daim ntawv. Cov tub ntxhais kawm tau Sports for Life Survey yog lawv kawm tiav nyob rau hoob PE Course I lossis lwm hoob uas muaj sis npaug li ntawd. Tomqab uas kawm tiav hoob no lawm, cov tub ntxhais tej zaum tseem xav kawm tob ntxiv rau Sport for Life Semester thiab. Sports for Life Survey ncav tsi cuag li qhov uas tau samfwm kom yuav tsum kawm kom tiav rau kev Tawm Dagzog nyob rau hauv kev kawm ntawv tiav (graduation).
Qhov uas yuav tsum tau kawm uantej : Kawm kom tiav hoob Physical Education Course I lossis ib hoob uas sis npaug li ntawd
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Sports Journalism — 08673

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais hluas txog tej txuj ci siv los sau ntawv luam tawm. Yuav piav txog yam tseem ceeb ntawm kev sau ntawv xovxwm. Yam tseem ceeb muaj xws li kev tsim lub ntsiab lus, kev tshawb nrhiav, kev kaws cov suab xaiv tsa thiab cov ntawv nug tibneeg lus, kev nrog tibneeg tham/nug lus, kev yees duab rau cov xovxwm, kev sau zaj dab neeg, kev tsim tus qauv duab, thiab kev paub siv lus computer los ua haujlwm. Cov tub/ntxhais tej ntawv assignments ua raws li hoob qhia Literary Publications. Tub/ntxhais yuav tsum luam daim ntawv pov thawj rau tus kws saibxyuas tsim phau yearbook los sis phau ntawv magazine. Txhua yam uas raug luam tawm yuav tsum tau kho ntxiv, thiab yuav siv lub tuam tsev tus qauv standards los txiav txim rau cov haujlwm.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Sports Medicine — 08672

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsim pib qhia txog kev saibxyuas thiab tiv thaiv/xyuam xim ntawm cov tibneeg uas sib tw/txuj ci tes taw kom txhob raug mob. Tiam sis, yuav tau kawm txog txhua yam nyob rau hauv lub cev (anatomy) thiab nws kev ciaj sia/ua haujlwm (physiology) tib si, yam tseem ceeb yog kawm txog pob qej txha (joints) thiab thooj nqaij leeg (muscle) txuas rau txuj tes taw. Yuav tshawb kawm txog ntau hom kev kho mob xws li, siv dej khov los puab rau chaws mob, siv dej khov los zaws, thiab tsau dej hauv lub whirlpool nrog rau lwm yam. Xyaum kev nplaum thiab qhwv. Xyuam xim kom txhob raug mob, yuav tau ncav/xyab tes taws kom deb, so kom txaus, noj khoom los pab lub cev, xyaum training nrog rau lwm yam ntau heev. Hoob no pub siv rau cov tub/ntxhais uas xyaum tau kev pab (trainer) kom tau ua haujlwm rau ib pab uas sib tw txuj tes taw (athletic team). Tau credit rau kev xaiv kawm ua si xwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Team Sports, Introduction to — 08619

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no qhia peb lub sijhawm txawv, ntev li rau (6) asthiv ib lub sijhawm twg, txog kev sib tw (team sports). Thoob kev kawm no, yuav tsom txog cov txuj ci yuav tsum muaj thiab xyaum kom tau raws li yam kev sib tw ntawv. Cov tub/ntxhais yuav tau sau cov lus tseem ceeb cia kom txhob hnov qab, nyeem ntawv, thiab tshawb nrhiav hauv internet. Hoob no yog xaiv kawm ua si xwb thiab yuav tsis pub hloov chaws nrog hoob Course I los yog Course II.
Hoob kawm ua ntej mam kawm tau lwm hoob: Course I
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Weight Training and Conditioning — 08683

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no yog tshwjxeeb rau kev ua kom muaj zog, thev taus, ua kom lub cev muag, thiab kom muaj kev cobphum. Hoob kawm no yuav muaj kawm txog, parallel squats, power and hanging cleans, bench press, and incline press. Tej yam kev kawm uas tseemceeb nyob hoob no yog: Kawm txog kev cobphum nyob rau hoob weight room no, kawm txog kev pib/ xaus rau tej qho yuav ua, kawm nqa tej yam thiab kawm txog kev cobphum rau kev nqa tej ua hnyav hnyav, kawm cov npe rau cov muscle loj ntawm lub cev, thiab txhua tus nyias yuav tsum tau muaj nyias lub homphiaj. Cov tub ntxhais yuav sojntsuam lawv tus kheej rau lawv kev tawm dagzog seb nyob qib twg los ntawm qhov uas koom rau kev xeem FitnessGram uas muaj ua ntu zus nyob rau lub semester. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Cov credit no siv tau mus rau hoob kawm uas dag zog rau kev kawm ntawv tiav.
Co-requisite: Cov tub ntxhais uas kawm qib 9 yuav tsum tau xeem rau California
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Weight Training, Advanced — 08675

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los qhia cov menyuam kawm ntawv uas xav kom lub cev muaj zog thiab xav kom lub cev loj muaj zog vim kev nqa kab. Kev xyaum kom lub cev muaj zog, nruj, plyometrics, thiab dhia hlua yuav yog cov uas ua ntau nyob rau hauv hoob no. Tseem yuav muaj cov kev xyaum kom lub plawv khiav muaj zog thiab. Rov kawm hoob no dua yuav credit tau. Cov menyuam kawm ntawv yuav tau hnav khaub-ncaws thiab koom cov kev ua txhua hnub. Cov sophomores kawm tau hoob no los hloov hoob P.E. Course II rau ib semester nkaus xwb hauv Elk Grove High School. Cov menyuam kawm ntawv uas ua tsis tau raws li tus xibfwb qhia yuav raug rho mus rau hoob P.E. Course II.
Yam yuavtsum tau kawm uantej: Kawm dhau Beginning Weight Training. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 30 credits xwb tsi tshaj ntawd
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Weight Training, Beginning — 08670

Department: Physical Education | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob qhia ib semester no yog tsim los qhia cov menyuam kawm ntawv txog kev nqa kab. Nws yuav qhia txog cov nqaij ntshiv thiab lawv ua haujlwm licas. Yuav qhia txog 46 txoj kev nqa kab, thiab kev totaub txog kev nquag nqa kab, nqa hnyav npaum licas (training resistance), nqa pestsawg zaug, xyaum tuab/nqa hnyav tuaj licas, thiab nqa ceev npaum licas. Cov menyuam kawm ntawv yuav kawm txog cov qauv nqa kab. Lub quarter thib ob, cov menyuam kawm ntawv yuav tsim lawv ib toj kev nqa kab thiab npaj ib cov homphiaj rau tuskheej. Cov menyuam kawm ntawv yuav los tshuaj txog lawv cov kev noj zaubmov thiab luag yuav los qhia txog kev noj zaubmov thaum lawv pib los nqa kab. Yuavtsum kawm dhau hoob no thiaj mus kawm tau hoob Advanced Weight Training. Tsuas tau credit rau elective xwb.
Yam yuavtsum tau kawm uantej: PE Chav Kawm I thiab tau qhab nias C los siab dua
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Yoga for Physical Education — 08685

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Physical Education | **UC/CSU:** None | **NCAA: No**

Hoob kawm no qhia cov tub ntxhais kom paub xyaum kom muaj zog (vinyasa) yoga. Cov tub ntxhais yuav kawm kom paub ua lawv lub cev kom muag, kom muaj zog, thiab lub plawv kom thev ua tau haujlwm zoo txhua hnub thaum xyaum ua yoga. Kawm txo kom tsi txhob xav txog tej kev nyuaj siab los ntawm kev ua paub txog yus txojkev xav tias zoo licas thiab nyob ntshiag to ua rau kom muaj kev pom meej yog tej uas muaj thaum ua yoga.
Hoob yuav tsum tau kawm uantej: Physical Education Course I uas muaj cov qhabnees qhia tau hais tias, nyob rau qhov uas noj qab nyob zoo (Healthy Fit Zone (HFZ) uas xeem tau 4 yam ntawm 6 yam uas xeem rau California Physical Fitness Test thaum nyob qib 9.
Cov ntaub ntawv qhia: Tsi Muaj

Yoga, Introduction to — 08630

Department: Physical Education | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 25.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los qhia cov tub ntxhais kom paub zaum txhob khoov pob, paub vibthis ua pa, thiab paub cov vibthis ua yoga. Cov tub ntxhais yuav kawm kom paub yam uas zoo thiab pab tau licas los ntawm kev uas ncab ib cev, txav mus los, thiab kom paub ua pa thaum lub sijhawm uas nyuaj siab, kom paub relax nyob twb ywm, thiab kom paub yuav ua li cas thiaj yuav ua tau ntau nyob hnub- dhau - hnub. Lub homphiaj ntawm hoob no yog pab kom muaj kev noj qab haus huv thiab paub siv lub zog uas lub cev muaj uas tsi tau muab coj los siv (evergy reserved). Hoob no yog kawm yuav qhabnees rau elective. Hoob no rov kawm dua yuav qhabnees los tau, tiamsis tsi pub kawm tshaj 25 credits.
Hoob yuav tsum tau kawm uantej: Physical Education Course 1. Tenth grade
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Science

AP Biology — 04109

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob no yog tsim los qhia ceev, thiab qhia tob txog biology ua xyoo ob rau cov menyuam kawm ntawv uas xav kawm ntxiv. Hoob uas yog qib kawm hauv college no yuav qhia txog tej uas qhia hauv AP biology thiab npaj cov menyuam kawm ntawv mus xeem AP biology test. Hoob no suav tau ua lub District ib hoob science rau xyoo peb thiab suav tau ua ib feem hauv hoob lab science rau kev nkag mus kawm CSU thiab UC. Peb nquahu kom cov menyuam kawm hoob no mus xeem tus AP exam.
Yuav tsum tau ua ua ntej: Kawm tag Biology (kev kawm txog tsiaj) thiab Chemistry (kev kawm txog kev ua tshuaj) nrog rau tus qhab nees B los yog zoo tshaj
Cov ntaub ntawv uas siv: AP Edition, Campbell Biology in Focus, Pearson, 3rd Edition, Copyright 2020

AP Biology Support — 04139

Department: Science
Grade Level: 11-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob no yog tsim los pab kom kev kawm rau hoob AP Biology yuav nthuav dav ntxiv txog tej homphiaj uas kawm. Hoob no yog tsim los mus txuas rau lub sijhawm uas yog block terms uas yuav kawm tau tob dua txog cov ntsiab lus thiab npaj cov tub ntxhais kom xeeem tau zoo nyob rau hauv AP Biology.
Hoob yuav tsum tau kawm uantej: Kawm hoob Biology lossis Chemistry thiab tau tus C lossis zoo dua lossis tau kev tso cai kawm los ntawm tus xibfwb.
Hoob uas yuav tsum tau kawm nrog yog: Kawm hoob AP Biology
Cov ntaub ntawv uas siv: AP Edition, Campbell Biology in Focus, Pearson, 3rd Edition, Copyright 2020

AP Chemistry — 04209

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science **UC/CSU:** Physical Science (d) **NCAA: Yes**

Hoob kawm accelerated Chemistry no yuav kawm txog atomic structure thiab properties, molecular thiab ionic compound structure thiab properties, intermolecular forces thiab properties, chemical reactions, kinetics, thermodynamics, equilibrium, acids thiab bases, thiab applications of thermodynamics. Cov menyuam kawm ntawv yuav mus xeem tau tus AP hauv Chemistry thiab tyuav tau txais college credit. Hoob no suav tau ua lub District ib hoob science rau xyoo peb thiab suav tau ua ib feem hauv hoob lab science rau kev nkag mus kawm CSU thiab UC. Peb nqua hu kom cov menyuam kawm hoob no mus xeem tus AP exam.
Yam yuavtsum tau kawm uantej: Qhov uas yuav tsum tau kawm uantej: Yuav tsum kawm Mathematics II thiab tau tus C lossis siab dua thiab kawm nrog rau hoob Mathematics III lossis qib siab dua zauv.
Cov ntaub ntawv uas siv: Chemistry: A Molecular Approach, AP Edition, Pearson, 6th Edition, Copyright 2023

AP Chemistry Support — 04239

Department: Science
Grade Level: 10-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob no yog tsim los txhawb thiab pab kom cov tub ntxhais kawm tau los ntawm tej ua hauv lub laboratory. Tomqab uas ua cov haujlwm rau hauv lab tas, cov tub ntxhais yuav los npaj sau lawv tej ntaub ntawv kev tshab xo (report), ua kom tiav tej kev kawm, thiab los koom nrog rau kev sis tham. Cov txujci kawm tau hauv hoob no yuav npaj cov tub ntxhais kom yuav xeem tau zoo nyob rau hauv AP Chemistry.
Hoob yuav tsum tau kawm uantej: Kawm kom tau tus C lossis zoo dua nyob rau hauv Mathematics II thiab kawm hoob Mathematics III lossis siab dua nrog uake.
Cov ntaub ntawv uas siv: Chemistry: A Molecular Approach, AP Edition, Pearson, 6th Edition, Copyright 2023

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Environmental Science — 04639

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Hoob no tsom txog kev txheeb ze ntawm lub ntiaj teb (natural world), kev hloov lub dab zog, teeb meem rau ib puag ncig, thiab lwm yam kev daws teeb meem los sis tiv thaiv kom txhob puas tsuaj. Hoob qeb siab qhia txog Environmental Science yog tsim qhia kom zoo xwsli ib hoob nyob rau tsev kawm ntawv qeb siab college. Kev kawm yuav muaj xwsli tej yam pom zoo los ntawm cov kws coj noj coj ua (College Board) thiab kev npaj tej tub/ntxhais rau kev tw xeem thaum lub tsib hli ntuj. Cov tub ntxhais hluas yuav tau koom tes pab ua tej num hauv chaw sim ib lub tswv yim tshiab (laboratory) nrog rau kev tshuaj xyuas, kev ua nyiaj li kev tshuaj xyuas thiab sau ntawv xovxwm. Hoob no ua tau raws li tuam tsev kawm txoj kev cai kawm science peb xyoos thiab ua tau raws thoob ntawm UC thiab CSU lab science requirement lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Biology thiab Chemistry tau tus qhab nee C los yog zoo dua.
Cov ntaub ntawv uas siv: Environmental Science for the AP Course, 3rd Edition, Bedford, Freeman, & Worth, Copyright 2019

AP Physics I — 04311

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Hoob no yog ib hoob yuav siv lej algebra-based cov los kawm nrog qeb siab-theem physics (introductory college-level physics) kawm los tshawb tej yam xws li Newtonian mechanics (nrog rau rotational motion), hauj lwm (work), lub zog (energy), hwj chim (power), mechanical waves thiab lub suab sound; thiab pib kawm txog tej yam yooj yim ntawm circuits. Cov tub ntxhais hluas yuav kawm txog inquiry-based learning uas yuav pab lawv siv lub scientific tswv yim rau kev xav (scientific critical thinking) thiab kev haum siab (reasoning skills). Kws li 25 feem pua ntawm cov sijhawm qhia ntawv yuav siv rau cov tub ntxhais koom tes ua haujlwm hauv lub laboratory nrog rau kev tshawb nrhiav (inquiry-based investigations) uas pub sijhawm zoo rau cov tub ntxhais los mus xyaum tej science practices
Hoob yuav tsum tau kawm ua ntej: Qhov uas yuav tsum tau kawm uantej: Yuav tsum tau kawm hoob Mathematics III thiaj tau tus qhabnees C lossis zoo dua thiab kawm tib txhij nrog Mathematics II
Cov ntaub ntawv uas siv: College Physics, Cengage Learning

AP Physics II — 04312

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Hoob no yog ib hoob yuav siv lej algebra-based cov los kawm nrog qeb siab-theem physics (introductory college-level physics) kawm los tshawb tej yam xws li fluid static thiab probability; electrostatics; electrical circuits nrog capacitors; magnetic fields; electromagnetism; physical thiab geometric optics; thiab quantum, atomic, thiab nuclear physics. Cov tub ntxhais hluas yuav kawm txog inquiry-based learning uas yuav pab lawv siv lub scientific tswv yim rau kev xav (scientific critical thinking) thiab kev haum siab (reasoning skills). Kws li 25 feem pua ntawm cov sijhawm qhia ntawv yuav siv rau cov tub ntxhais koom tes ua haujlwm hauv lub laboratory nrog rau kev tshawb nrhiav (inquiry-based investigations) uas pub sijhawm zoo rau cov tub ntxhais los mus xyaum tej science practices
Hoob yuav tsum tau kawm ua ntej: AP Physics I lossis ib hoob introductory nrog rau qib C lossis zoo dua
Cov ntaub ntawv yuav siv: College Physics, Cengage Learning

AP Physics Support — 04339

Department: Science | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Qhov kev qha kawm nuav yog tsim sim lug ua kom cov tub kawm ntawv txuj kev paub lug ntawm cov kev kawm ua laboratory lug hab rov qaab lug muab cov ntsab lug, lug saib dlua nyob rua huv qhov AP Physics 1. Tom qaab ua taag txhua qhov kev kws tau has kom ua huv lab, cov tub kawm ntawv yuav tau npaaj qhov kev has qha tawm (lab reports), muab cov teeb meem tshawb nrhav ua kom tav (complete problem sets), hab nqeg teg ua nyob rua huv qhov kev sib thaam. Kev npaaj cov kev xeem los yuav muaj nrug cov multiple choice hab cov kev xyum lug teb dlawb (free response practice). Cov kev kawm paub nyob rua huv lub hoob nuav yuav npaaj tau cov tub kawm ntawv moog rua txuj kev ua tau zoo nyob rua ntawm qhov kev xeem AP Physics 1. Cov hoob kws yuav tsum tau kawm ua ntej yog Ob-Yaam uake (Co-Requisites(s)): Kawm ob yaam uake nyob rua huv AP Physics 1
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Astronomy — 04611

Department: Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Elective: Science (g) | **NCAA: Yes**

Hoob kawm no tshawb nrhiav txog lub ntiajteb uas peb nyob tamsim no. Hoob kawm no yuav kawm txog science thiab kom totaub txog peb lub ntiajteb. Hoob kawm no tejzaum yuav cia kom muaj sijhawm mus saib cov hnub qub thiab tej hnub qub saum nruab ntug.
Tej uas yuav tsum tau kawm uantej: Hoob kawm yuav tsum tau kawm uake yog hoob Mathematics I lossis siab dua
Cov ntaub ntawv kawm: Foundations of Astronomy, 14th Edition, Cengage, Copyright 2019

Astronomy Survey — 04615

Department: Science | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob xaiv kawm ua si no siv kev qhuab ntuas, nthuav tawm, kev koom tes kawm, thiab kev cev tes ua num hauv chaw laboratory los pab qhia ntawv. Hoob no qhia txog plaub yam xws li: Lub Hauv Paus Ntawm Lub Ntuj (Astronomy), Lub Hnub thiab Cov Ntiaj Teb Planets (The Solar System), Lub Hnub thiab Lwm Cov Hnub Qub (The Sun and Other Stars), thiab Zaj Dab Neeg Kwv Yees Txog Lub Hauv Paus Ntawm Ntiaj Teb Kev Pib thiab Dhau yav tod (The Big Bang Theory and Beyond).
Cov ntaub ntawv uas siv: Foundations of Astronomy, 14th Edition, Cengage, Copyright 2019

Biochemistry of Foods — 04203

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Nyob rau hauv hoob kawm no, cov tub ntxhais yuav kawm thiab siv tej uas kawm txog chemistry thiab biology uas hais ntsig txog tej zaub mov kawm rau science, tsi hais kev npaj tej zaub mov kom zoo, tej zaub mov chemistry, tej zaub mov biology, kev ua tej zaub mov, kev tsim tej zaub mov, thiab kev muag tej zaub mov.
Qhov yuav tsum tau kawm uantej: Biology of the Living Earth and Chemistry in the Earth System
Cov ntaub ntawv siv los kawm: Principles of Food Science, Fourth Edition, The Goodheart-Willcox Company, Inc.

Biology of the Living Earth — 04104

Department: Science | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Life Science | **UC/CSU:** Biological Science (d) | **NCAA: Yes**

Hoob kawm laboratory no qhia kom muaj kev totaub zoo thiaj kawm tau rau biological thiab earth sciences. Cov ntsiab lus yuav kawm yog ecosystem interactions thiab energy, keebkwm txog lub ntiajteb, evidence for evolution, inheritance of traits, structure thiab function, thiab ecosystem stability thiab zoo licas thaum huab cua hloov. Hoob kawm no tsim kom muaj ib cov qauv los ntawm kev uas nug txog tej yam, sojntsuam txog tej kev qhia (data), tsim thiab ua tej yam experiment thiab tsim kom muaj kev daws teebmeem rau tej uas niaj hnub nimno muaj.
Hoob kawm uake nrog rau: Kawm tiav lawm lossis tabtom kawm hoob Mathematics I lossis lwm hoob uas sis npaug li ntawd
Cov ntaub ntawv siv los qhia: STEMscopes CA-NGSS-3D, The Living Earth

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Biology of the Living Earth, Newcomer EL — 04107

Department: Science
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

Hoob kawm laboratory no qhia kom cov tabtom kawm ntawv Askiv nyob rau hauv Newcomer Program paub zoo txog biological thiab earth science. Cov ntsiab lus kawm yog ecosystem interactions and energy, history of Earth's atmosphere, evidence for evolution, inheritance of traits, structure and function, and ecosystem stability, and the response to climate change. Hoob kawm no muaj cov qauv kawm hauv ELD kom yuav qhia tau cov lus, kev sau ntawv, thiab kev nyeem ntawv nyob rau hauv cov ntaub ntawv kawm txog science. (See NGSS Performance Expectations & Disciplinary Core Ideas.) Cov xibfwb qhia ntau vibthis los mus pab rau kev mloog cov lus, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv los pab tej kev tu ncua rau cov tseem tabtom kawm ntawv Askiv uas nyuam qhuav tuaj tshiab tuaj. Hoob kawm no yuav kawm kom paub tsim tej yam qauv (conceptual models) los ntawm kev ua nug, sojntsuam cov data, tsim thiab sim ua tej yam experiments, thiab tsim kom muaj kev daws teebmeem rau tej uas niaj hnub muaj nimno.
Hoob uas yuav tsum tau kawm uantej: Tsi muaj
Hoob uas yuav tsum kawm nrog: Kawm tiav lawm lossis tseem tabtom kawm rau hoob Lej I lossis ib hoob sis npaug li ntawd THIAB kawm nyob rau hauv Newcomer Program

Cov ntaub ntawv siv los kawm: STEMscopes CA NGSS 3D - HS The Living Earth; Accelerate Learning Inc.

Chemistry in Biotechnology — 04210

Department: Science
Grade Level: 10-11 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Nyob rau hoob kawm no, cov tub ntxhais yuav tshawb nrhiav txog thiab siv tej uas lawm kawm tau hauv chemistry thiab biotechnology thiab vibthis yuav ua licas kom totaub txog tsib yam tseemceeb heev uas tibneeg yuav tsum tau muaj- - dej, zaub mov noj, kev noj qab hauv huv, tej chaw pov tej uas piamsij, thiab kev siv energy. Cov tub ntxhais yuav tsum tau tshawb nrhaiv thiab tsim ib cov kev daws teebmeem rau tej yam li no thiab txuas mus rau lub ntiajteb uas nyob ib ncig ntawm lawv.
Qhov uas yuav tsum tau kawm uantej: Kawm kom tiav hoob Biology lossis Biology ntawm Kev Nyob Hauv Ntiaj Tebtau tus C lossis zoo dua
Qhov uas yuav tsum tau kawm nrog uake: Kawm hoob Mathematics II
Cov ntaub ntawv siv los qhia: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Chemistry in the Community — 04201

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Hoob no pub cov tub ntxhais hluas npaj mus kawm ntawv qeb siab (kev kawm tsis txuas rau science) kawm hoob qhia kev sib txuas/ua haujlwm ua ke ntawm tej khoom xws li tshuaj/kev tov tshuaj (Chemistry) uas qeb siab heev. Hoob no tsim qhia txog tej chemistry nyob rau lub neej thiab cov teeb meem ib puag ncig thiab kev yuav tau num hauv chaw ntsuam xyuas laboratory. Hoob no siv kev ua lej thiab kev ua haujlwm hauv chaw ntsuam xyuas los kawm kom to taub txog chemistry nyob rau cov dej huv, chemical resources, petroleum resources thiab alternatives, chemistry ntawm tej khoom noj, nuclear chemistry, atmospheric chemistry, biochemistry, and industrial chemistry. Hoob no ua tau raws li lub tuam ntawv qho District third-year science requirement lawm thiab tau UC thiab CSU lab science requirements lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm tau tus qhab nee "C" los yog zoo dua hauv hoob Biology thiab Mathematics I
Cov ntaub ntawv uas siv: Chemistry in the Community, V.H.P.S.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Chemistry in the Earth System — 04204

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Hoob kawm laboratory no qhia txog chemistry los ntawm kev tshawb nrhiav txog tej xwmtxheej loj uas tau tshwmsim nyob rau lub ntiajteb. Cov tub ntxhais yuav xyaum tej yam nyob rau science thiab yuav tshawb nrhiav txog tej yam rau hauv hoob laboratory: atomic theory, chemical bonding thiab reactions, thermodynamics, plate tectonics, huab cua hloov, thiab ocean acidification.
Hoob kawm uake nrog: Kawm tiav lawm lossis tabtom kawm hoob Mathematics I lossis lwm hoob uas sis npaug li ntawd
Cov ntaub ntawv siv los qhia: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Criminalistics — 04620

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: None **NCAA: Yes**

Hoob kawm no yog kom totaub txog tej kev ua txhaum cai, yuav tshawb nrhiav licas rau qhov kev txhaum cai ntawd, thiab yuav tau sojntsuam licas. Hoob kawm no yog qhia los ntawm kev uas nqi tes- tshawb nrhiav txog tej yam kev txhaum loj "uas muaj tiag" Cov kev txhaum uas loj heev no muaj cov kauj ruam yuav tsum tau ua los ntawm Pab tibneeg Rau Tshawb Nrhiav Kev Txhaum ntawm lub zos/xeev/lub tebchaw no lub koomhaum kev tshawb nrhiav. Kev kawm no yuav kawm txog pathology, toxicology, anthropology, psychology, thiab criminalistics. Tej txujci uas tej zaum yuav siv los mus rau forensic genetics (DNA fingerprinting) thiab kuaj ib cev. Hoob kawm no yuav tshawb nrhiav txog tej kev txhaum uas raug rau pejxeem sawvdaws.
Tej Uas Yuav Tsum Tau Kawm Uantej: Kawm Hoob General Science thiab Biology thiab tau tus C lossis zoo dua
Cov Ntaub Ntawv Siv Los Qhia: Criminalistics: An Introduction to Forensic Science, High School Edition, 13th Edition, Pearson Education, Copyright 2021

Culinary Chemistry — 04202

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Hoob no siv kev qhuab qhia, sim rau kev saib, thiab tej tswv yim nyob rau chaw laboratory los qhia ntawv thiab yog tsim rau cov tub ntxhais hluas kawm rau lub Culinary Arts Academy. Hoob no kawm thoob xyoo kawm ntawv thiab yuav qhia tej yam yooj yim ntawm chemistry thiab yuav pab tsim cov kev cai tswj chemistry thiab lwm yam los ntawm kev soj ntsuam experiment nrog rau tej ntaub ntawv uas muaj, thiab qhia seb cov kev cai tswj/kav no yuav siv tau li cas los pab piav txog ib yam dab tsi txawv txav uas tau tshwm sim (phenomena) nyob rau kev npaj khoom noj, kev puas ntawm khoom noj, nrog rau txhua yam hauv lub neej. Hoob no ua tau raws li lub tuam tsev ntawv qho District third-year science graduation requirement lawm thiab ua tau ib dab ntawm UC thiab CSU lab science requirements tib si.
Hoob yuav tau kawm uantej: Biology of the Living Earth and completion of or concurrent enrollment in Mathematics I

Cov ntaub ntawv uas siv: Experience Chemistry in the Earth System, Copyright 2021, Pearson Education, Inc.

Ecology 04630

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Elective: Science (g) **NCAA: Yes**

Hoob no yog tsim los ua kiag ntawm tus kheej (first-hand laboratory experience) kom tau pom thiab ua nrog cov kab lossis tsiaj (organisms) hauv lawv lub chaw nyob. Cov menyuam kawm ntawv yuavtsum txaus siab thiab kam ua tej yam uas tau xuas tes ua. Yuav los kawm txog tej zaubmov (food webs) thiab zaubmov ua rau muaj zog (food energy), tej nrotsuag thiab tsiaj, hauv ib thaj chaw lossis ib lub chaw nyob, thiab kawm txog tibneeg kev noj nyob. Cov menyuam kawm ntawv tseem yuav los kawm txog txoj kev noj nyob hauv lub cheebtsam Sacramento. Cov menyuam kawm ntawv yuav tau ua tej projects thiab tej yam uas luag kom nws coj mus ua ntev hnub. Homework yog nyeem ntawv, sau txog cov kev ua (lab reports), sau term papers, thiab ib qhov research project. Cov menyuam kawm ntawv yuav muaj sijhawm mus kawm txog FFA, mus xyaum ua, xyaum kev Cog Qoob Loo (Agriculture Business). Hoob no suav tau ua ib hoob life science hauv kev kawm kom tiav thiab ua ib hoob uas tuamyeem kawm "g" rau kev nkag mus rau UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tas Biology thiab tau qhab-nees C lossis siab dua
Cov ntaub ntawv uas siv: Visualizing Environmental Science, 5th Edition, Wiley & Sons, Copyright 2017

Emerging & Re-Emerging Infectious Diseases 04643

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: None **NCAA: No**

Hoob no tsim rau cov tub ntxhais hluas paub tej yam yooj yim ntawm tej tsiaj los yog nroj tsuag (biology), uas xav kawm txog kev kis mob rau tibneeg. Hauv hoob no, cov tub/ntxhais yuav tshawb txog tej caj ceg uas cuam tshuam tau nrog kev muaj mob thiab kev rov qab muaj mob. Hoob no yuav qhia txog vim li cas tibneeg thiaj kis tau ntau yam kev mob (bacteria), lwg kab me (Protoza), kab mob kis tau rau lwm tus (viruses), cua nab (Helminthes), thiab Prions, thiab ua cas tib neeg lub cev hos tiv thaiv tau los ntawm tej kab mob no. Tsis tas li ntawd, nws yuav tshawb txog tibneeg yam ntxwv thiab kev koom ua si uas pab tau lub zog kom txhob muaj mob tshiab los yog yam kab mob uas tau tshwm sim ntev xyoo los lawm. Hoob no tsim rau kev kawm Science xyoo peb siv rau kev lav ntawv.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Biology tau tus qhab nee C los yog zoo dua
Cov ntaub ntawv uas siv: Foundations in Microbiology, Kathleen and Arthur Talaro

Enviroscapes 04631

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: None **NCAA: No**

Hoob no tsim los qhia txog tibneeg kev cuam tshuam tej roj roob hauv pes hauv lub ntiaj teb vim kev vam meej. Nws qhia txog lub hauv paus ntawm tibneeg thaum ub uas tseem nrhiav kev noj haus ua ke, ua tej pab pawg los rau lub sijhawm no, uas muaj tibneeg coob coob heev nyob rau txhua txhia qhov chaw thiab lub ntiaj teb uas tau pauv ntau yam vim tibneeg xwb. Yuav tham txog vim li cas muaj kev loj hlob, kev ev yam hnyav tshaj, ntau hom zog (energy) thiab nws kev siv, Kev siv dej, kev siv thooj av, hav zoov kev tsawj zuj zus, kev ua liaj ua teb, tej pa phem/qias, tej huab cua tau pauv, kev xa los thauj, thiab raws cai txuas rau lub zej zos xws li cov koom haum Environment Impact Reports (EIR) thiab Environmental Protection Agency (EPA).
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Biology tau tus qhab nee C los yog zoo dua
Cov ntaub ntawv uas siv: Investigations in Environmental Science Units 1-3, It's About Time Publishing

Geology 04661

Department: Science **Grade Level:** 11-12 **Credits: 5.0** **Max Credits: 5.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: Yes**

Hoob no qhia txog tej yam yooj yim ntawm composition thiab dynamics hauv ntiaj teb, pib ntawm lub atomic scale uas luj khoom minerals mus rau cov plate tectonics hauv lub ntiaj teb. Hoob no yuav qhia txog composition, structure, thiab environmental systems, uas pab hloov peb lub planet. Yuav tsum saib txog tej yam hauv ntiaj teb uas tshwm sim nws tus kheej xws li volcanism, plutonism, deformation, earthquakes, hydrology, sedimentation, thiab weathering processes uas hloov tau peb lub ntiaj teb. Ntau yam kev piv txawv yuav los ntawm tej chaw ncig xyuas ua si xws li cov Western National Parks thiab National Monuments. Cov tub/ntxhais yuav pab cev tes ua num hauv lub lab los mus saib txog tej tooj hlau/nyiaj kuv los ntawm lub ntiaj teb earth, pob zeb, txhais daim ntawv qhia kev, kev yees duab ntawm lub satellite, yam sib-txuas/sib-xyaws, kawm txog lub stereoscope, ntaub ntawv tshuaj ntsuas, thiab kev txhais daim landform. Ib yam tseem ceeb yog muaj cov txuj ci los pab daws teeb meem nyob rau tej pawg me me.
Hoob kawm ua ntej mam kawm hoob no: General Science los yog siab dua thiab Science course.
Cov ntaub ntawv uas siv: Essentials of Geology, Prentice Hall

IB Biology HL1 20043

Department: Science **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob IB no yuav qhia cov menyuam kawm ntawv kom paub txog qee yam kev tseeb thiab tib lub sijhawm ntawd yuav muaj kev totaub dav dav txog yam kev kawm no. cov menyuam tsimnyog yuav siv tau qhov uas lawv totaub txog dav dav no mus rau lwm yam, thiab lawv tseem yuav raug xeem saib puas paub li uas hais no tiag. Xyoo ib IB Biology yog kawm txog Cell Biology, Biochemistry, DNA thiab Biotechnology, thiab Genetics thiab Evolution. Xyoo ob IB Biology yog kawm txog tibneeg lub cev (human physiology), ecology thiab kev ceev tej khoom nyob ib cig yus (conservation), thiab tej ntsoj tsuag (botany). Hoob IB Biology HL yog ib hoob uas kawm tob dua hoob IB Biology SL.
Cov ntaub ntawv uas siv: Higher Level Biology, Pearson

IB Biology HL2 20044

Department: Science **Grade Level:** 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob IB no yuav qhia cov menyuam kawm ntawv kom paub txog qee yam kev tseeb thiab tib lub sijhawm ntawd yuav muaj kev totaub dav dav txog yam kev kawm no. cov menyuam tsimnyog yuav siv tau qhov uas lawv totaub txog dav dav no mus rau lwm yam, thiab lawv tseem yuav raug xeem saib puas paub li uas hais no tiag. Xyoo ib IB Biology yog kawm txog Cell Biology, Biochemistry, DNA thiab Biotechnology, thiab Genetics thiab Evolution. Xyoo ob IB Biology yog kawm txog tibneeg lub cev (human physiology), ecology thiab kev ceev tej khoom nyob ib cig yus (conservation), thiab tej ntsoj tsuag (botany). Hoob IB Biology HL yog ib hoob uas kawm tob dua hoob IB Biology SL.
Cov ntaub ntawv uas siv: Higher Level Biology, Pearson

IB Biology SL1 20041

Department: Science **Grade Level:** 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science **UC/CSU:** Biological Science (d) **NCAA: Yes**

Hoob IB no yuav qhia cov menyuam kawm ntawv kom paub txog qee yam kev tseeb thiab tib lub sijhawm ntawd yuav muaj kev totaub dav dav txog yam kev kawm no. cov menyuam tsimnyog yuav siv tau qhov uas lawv totaub txog dav dav no mus rau lwm yam, thiab lawv tseem yuav raug xeem saib puas paub li uas hais no tiag. Xyoo ib IB Biology yog kawm txog Cell Biology, Biochemistry, DNA thiab Biotechnology, thiab Genetics thiab Evolution. Xyoo ob IB Biology yog kawm txog tibneeg lub cev (human physiology), ecology thiab kev ceev tej khoom nyob ib cig yus (conservation), thiab tej ntsoj tsuag (botany
Cov ntaub ntawv uas siv: Higher Level Biology, Pearson

IB Biology SL2 — 20042

Department: Science
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

Hoob IB no yuav qhia cov menyuam kawm ntawv kom paub txog qee yam kev tseeb thiab tib lub sijhawm ntawd yuav muaj kev totaub dav dav txog yam kev kawm no. cov menyuam tsimnyog yuav siv tau qhov uas lawv totaub txog dav dav no mus rau lwm yam, thiab lawv tseem yuav raug xeem saib puas paub li uas hais no tiag. Xyoo ib IB Biology yog kawm txog Cell Biology, Biochemistry, DNA thiab Biotechnology, thiab Genetics thiab Evolution. Xyoo ob IB Biology yog kawm txog tibneeg lub cev (human physiology), ecology thiab kev ceev tej khoom nyob ib cig yus (conservation), thiab tej ntsoj tsuag (botany
Cov ntaub ntawv uas siv: Higher Level Biology, Pearson

IB Chemistry HL1 — 20047

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam kawm ntawv txawj thiab paub txog kev sib nug uas tshwjxeeb yog los ntawm kev sib pab thiab sib koomtes nrog cov tibneeg ntawm lwm lub tebchaws. Cov menyuam yuav paub thiab kawm tau cov tswvyim los tshawb nrhiav, los tsomxam, thiab muab cov kev qhia txog scientific los sib ntxiv uake thiab siv los ua cov lus sib txuas lus thiab qhia rau lwm tus. Cov kev txawj no yuav siv cov lus ntawm ncauj, lus sau, thiab kev txawj sab technological los nrog lwm tus tham txog cov kev qhia uas yog scientific. Los ntawm kev siv cov kev txawj no, cov menyuam yuav pab txog qhov uas cov tibneeg lwm lub tebchaws xav. Cov menyuam hauv lub hoob IB Chemistry no yuav kawm txog qhov uas chemistry tau pab peb los npaj thiab tsim tej uas yuav los txhimkho tau peb txoj kev ua neej uas yuav txhawb peb thiab tibneeg thoob ntiajteb lub neej.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Mathematics III thiab tau qhab-nees tus C lossis zoo dua los yog kawm uake thooj txhim tamsim no lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Higher Level Chemistry, Pearson

IB Chemistry HL2 — 20048

Department: Science
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam kawm ntawv txawj thiab paub txog kev sib nug uas tshwjxeeb yog los ntawm kev sib pab thiab sib koomtes nrog cov tibneeg ntawm lwm lub tebchaws. Cov menyuam yuav paub thiab kawm tau cov tswvyim los tshawb nrhiav, los tsomxam, thiab muab cov kev qhia txog scientific los sib ntxiv uake thiab siv los ua cov lus sib txuas lus thiab qhia rau lwm tus. Cov kev txawj no yuav siv cov lus ntawm ncauj, lus sau, thiab kev txawj sab technological los nrog lwm tus tham txog cov kev qhia uas yog scientific. Los ntawm kev siv cov kev txawj no, cov menyuam yuav pab txog qhov uas cov tibneeg lwm lub tebchaws xav. Cov menyuam hauv lub hoob IB Chemistry no yuav kawm txog qhov uas chemistry tau pab peb los npaj thiab tsim tej uas yuav los txhimkho tau peb txoj kev ua neej uas yuav txhawb peb thiab tibneeg thoob ntiajteb lub neej.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Mathematics III thiab tau qhab-nees tus C lossis zoo dua los yog kawm uake thooj txhim tamsim no lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Higher Level Chemistry, Pearson

IB Chemistry SL1 — 20045

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam kawm ntawv txawj thiab paub txog kev sib nug uas tshwjxeeb yog los ntawm kev sib pab thiab sib koomtes nrog cov tibneeg ntawm lwm lub tebchaws. Cov menyuam yuav paub thiab kawm tau cov tswvyim los tshawb nrhiav, los tsomxam, thiab muab cov kev qhia txog scientific los sib ntxiv uake thiab siv los ua cov lus sib txuas lus thiab qhia rau lwm tus. Cov kev txawj no yuav siv cov lus ntawm ncauj, lus sau, thiab kev txawj sab technological los nrog lwm tus tham txog cov kev qhia uas yog scientific. Los ntawm kev siv cov kev txawj no, cov menyuam yuav pab txog qhov uas cov tibneeg lwm lub tebchaws xav. Cov menyuam hauv lub hoob IB Chemistry no yuav kawm txog qhov uas chemistry tau pab peb los npaj thiab tsim tej uas yuav los txhimkho tau peb txoj kev ua neej uas yuav txhawb peb thiab tibneeg thoob ntiajteb lub neej.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Mathematics III thiab tau qhab-nees tus C lossis zoo dua los yog kawm uake thooj txhim tamsim no lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Higher Level Chemistry, Pearson

IB Chemistry SL2 — 20046

Department: Science | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Physical Science | **UC/CSU:** Physical Science (d) | **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam kawm ntawv txawj thiab paub txog kev sib nug uas tshwjxeeb yog los ntawm kev sib pab thiab sib koomtes nrog cov tibneeg ntawm lwm lub tebchaws. Cov menyuam yuav paub thiab kawm tau cov tswvyim los tshawb nrhiav, los tsomxam, thiab muab cov kev qhia txog scientific los sib ntxiv uake thiab siv los ua cov lus sib txuas lus thiab qhia rau lwm tus. Cov kev txawj no yuav siv cov lus ntawm ncauj, lus sau, thiab kev txawj sab technological los nrog lwm tus tham txog cov kev qhia uas yog scientific. Los ntawm kev siv cov kev txawj no, cov menyuam yuav pab txog qhov uas cov tibneeg lwm lub tebchaws xav. Cov menyuam hauv lub hoob IB Chemistry no yuav kawm txog qhov uas chemistry tau pab peb los npaj thiab tsim tej uas yuav los txhimkho tau peb txoj kev ua neej uas yuav txhawb peb thiab tibneeg thoob ntiajteb lub neej.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Mathematics III thiab tau qhab-nees tus C lossis zoo dua los yog kawm uake thooj txhim tamsim no lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Higher Level Chemistry, Pearson

Integrated Topics in Science — 04650

Department: Science | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Science | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim rau cov tub ntxhais hluas mus kawm txoj haujlwm uas tsis txuas rau Science. Hoob no yog hoob kawm xyoo peb ntawm science, muaj ob peb yam sib xyaws los qhia ua ke. Yam tsom txog hauv hoob yog kev nthuav tawm kom tob thiab dav hauv lub ntiaj teb, qho tham txog thiab kawm rau hauv Earth Science, Physical Science, thiab Biology. Tej zaum yuav tham txog sports science, kev tsim tawm suaj (sound reproduction), kev saib txhua yam nyob rau lub cev, kawm txog txhua yam ntawm ib puag ncig, kev npaj khoom noj, thiab nrog rau lwm yam. Muaj koom tes rau cov activities thiab rau hauv lub lab.
Hoob kawm ua ntej mam kawm tau lwm hoob no: General Science thiab Biology.
Cov ntaub ntawv uas siv: The Sciences - An Integrated Approach, People's Publishing

Laboratory Specialist — 04662

Department: Science | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no muaj ib yam kev cob qhia training uas yooj yim nyob rau theem ib. Cov tub ntxhais hluas yuav tau kawm kom muaj kev txawj ntse los cim thiab saibxyuas txog cov khoom siv hauv tsev kawm ntawv hoob science lab thiab pab npaj tej khoom siv rau tus naikhu. Hauv kev cob qhia uas nyuaj thiab qeb siab tshaj plaws, cov tub/ntxhais yuav tau saibxyuas tsev kawm ntawv hoob lab thiab pab tus naikhu los ntawm kev pab tutor lwm tus tub/ntxhais txog tej txuj ci siv hauv hoob laboratory. Hoob no yog kawm dhau los tsis dhau xwb, tsis muaj ntawv qhab nee.
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Marine Biology 04112

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Life Science
UC/CSU: Biological Science (d) **NCAA: Yes**

Nyob rau hoob kawm no, cov tub ntxhais yuav kawm txog ntau yam tsiaj tej uas ciaj sia (organisms) uas nyob hauv dej hiav txwv, kawm txog lawv tej chaw nyob, thiab seb lawv coj nyob licas rau ntawm tej chaw nyob ib ncig lawv. Hoob no tseem yuav kawm txog seb tej uas tibneeg ua, tsi hais tej kev hloov mus los ntawm tej huab cuab, cuam tshuam tau li cas rau tej tsiaj uas nyob hauv dej hiav txwv, thiab seb kev uas hloov txawv tav li no hauv dej hiav txwv raug tau rau peb licas.
Hoob yuav tsum tau kawm uantej: Kawm ob xyoo science tau tus qhabnees uas kawm dhau (passing grade) rau hoob Biology
Cov Ntaub Ntawv Siv Los Kawm: Tsi Muaj Muab Cov Phau Ntawv Rau

Microbiology 04674

Department: Science
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: Biological Science (d) **NCAA: Yes**

Hoob no qhia txog lub hauv paus thiab luag haujlwm ntawm cov kab mob me me hu li pathogenic thiab non-pathogenic (microorganisms) uas lub qhov muag tsis pom, kawm cov kev kws yees thiab kev xyaum txuj ci nrog rau kev muaj pov thawj mam ua ib yam dabtsi nyob rau hoob lab. Kev sib txuas lus rau tej chaw tso xovxwm hauv this-vis (tv) thiab kev mus ncig xyuas cov tsev kho mob thiab chaw siv tswv yim tshiab (lab) hauv zos, yuav pab cov tub ntxhais hluas kom raug zoo me ntsis nrog cov tibneeg nyob ze ntawm nws. Hoob no tsim rau cov tub ntxhais uas nyiam cov haujlwm kho mob los yog kho hniav, nrog rau kev kawm txog tej yam yooj yim ntawm tus qauv ntsuas kev kawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm hoob Biology thiab hoob Chemistry kom tiav tau tus qhab nee C los yog zoo dua los sis kawm tib lub sijhawm.
Cov ntaub ntawv uas siv: Foundations in Microbiology, McGraw-Hill

Natural Disasters and Engineering Strategies 04638

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: None **NCAA: No**

Hoob kawm elective no yuav tshawb nrhiav txog tias vim licas thiaj muaj tej xwmtxheej tsi zoo raug rau lub ntiajteb (natural disasters) thiab cov engineering tej vibthis uas yuav los keb kom tsi txhob muaj tej xwmtxheej tsi zoo li no. Cov tub ntxhais yuav los sojntsuam qhov peevxwm, lossis qhov uas tsi muaj peevxwm, los tswj thiab pom tau uantej txog tej yam xws li av qeeg, Toj roob tawg (volcanic eruptions), dej hiavtxwv nyab, av toj pob, dej nyab, hluav taws kub nyhiab, thiab lwm yam xwmtxheej tsi zoo ntsig txog tej huab cua. Kev kawm yuav kawm txog phenomena-based, muaj kev kawm nrog lwm pab tub ntxhais, muaj kev qhuab qhia, muaj kev tshawb nrhiav hauv hoob laboratory, thiab yuav kawm txog tej yam nyuaj txog engineering.

Physics of the Universe 04304

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Physical Science (d) **NCAA: Yes**

Hoob kawm laboratory no qhia txog qhov uas sis ze ntawm physics thiab lub ntiajteb. Nws qhia kom paub saib txog tej yam xwmtxheej uas tshwmsim loj nyob hauv lub ntiajteb, mus saib txog tej yam ntawd thiab muab cov kev qhia (data) txhais, tsim ib cov qauv, tshawb nrhiav txog kev sis ze ntawm tej graph thiab tej lej, thiab engineering thiab nrhiav kev daws tej teebmeem uas niaj hnub nimno muaj. Hoob kawm no muaj cov unites kawm txog motion and forces, energy conversions, waves thiab electromagnetic waves, nuclear processes, thiab stellar processes
Hoob kawm uake nrog: Completion of or enrollment in Mathematics I or equivalent
Cov ntaub ntawv siv los qhia: STEMscopes CA-NGSS-3D, Physics in the Universe

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Physics of the Universe, Newcomer EL — 04305

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Physical Science
UC/CSU: Biological Science (d) **NCAA: Yes**

Hoob laboratory no yuav qhia txog qhov kev sis ze ntawm physics nyob hauv lub ntiajteb no rau cov uas tabtom kawm ntawv Askiv nyob rau hauv Newcomer Program. Qhia txog tej xwmtxheej loj, kev uas muab cov kev qhia thiab txhais licas, tsim cov qauv (models), los tshawb nrhiav txog seb graphical thiab mathematical sis ze licas, thiab engineering thiab daws teebmeem rau tej uas niaj hnub nimno muaj. Hoob kawm no muaj cov qauv kawm hauv ELD kom yuav qhia tau cov lus, kev sau ntawv, thiab kev nyeem ntawv nyob rau hauv cov ntaub ntawv kawm txog science. (See NGSS Performance Expectations & Disciplinary Core Ideas.) Cov xibfwb qhia ntau vibthis los mus pab rau kev mloog cov lus, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv los pab tej kev tu ncua rau cov tseem tabtom kawm ntawv Askiv uas nyuam qhuav tuaj tshiab tuaj. Hoob kawm no muaj cov units txog kev txav mus los (motion) thiab (forces), energy conversions, waves thiab electromagnetic waves, nuclear processes, thiab stellar processes.
Hoob yuav tau kawm uantej: Tsi muaj
Hoob yuav tau kawm uake nrog: Kawm tiav lawm lossis tseem tabtom kawm rau hoob Lej I lossis ib hoob sis npaug li ntawd THIAB kawm nyob rau hauv Newcomer Program

Cov ntaub ntawv siv los kawm: STEMscopes CA NGSS 3D - HS Physics in the Universe; Accelerate Learning Inc.

Physiology — 04690

Department: Science
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Science
UC/CSU: Biological Science (d) **NCAA: Yes**

Hoob no qhia txog txhua yam ntawm tibneeg lub cev txog kev nojqab haushuv thiab kabmob. Hoob muaj kev ua nrog (laboratory) uas kawm ib xyoos no yuav kawm txog tej leeg (nervous system), tej hlab ntshav (circulatory system), tej pobtxha (skeletal system), cov chaw ua menyuam (reproductive system), etc. Cov kev ua (laboratory) yuav siv thiab phais cov neeg ciaj thiab tuag kom paub txog tibneeg cev nqaij tawv thiab tej hlab ntshav. Hoob no suav tau ua ib hoob physical science rau kev kawm kom tiav thiab ua ib hoob lab science rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tas General Science thiab Biology thiab tau qhab-nees C los siab dua.
Cov ntaub ntawv uas siv: Hole's Essentials of Human Anatomy & Physiology, High School Second Edition, McGraw-Hill, Copyright 2021

The Technology of Biology — 04111

Department: Science
Grade Level: 09 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: Biological Science (d) **NCAA: No**

The Technology of Biology (Science Elective, Qib 9) (one-year equivalent, 10 credits)
Hoob kawm no qhia cov qauv txog biology los ntawm kev saib thiab kawm los ntawm biotechnological perspective. Biotechnology yog los pab ua kom peb lub neej thiab kev noj qab haus huv zoo zuj zus los ntawm kev siv cellular thiab biomolecular processes. Cov tub ntxhais yuav siv tej yam kev qhia txog cov qauv uas tswj peb lub neej lub sijhawm uas saib txog tias kev uas siv biotechnology los ua kom peb lub neej zoo zuj zus hauv lub ntiajteb yog licas. Hoob kawm no txhawb kom cov tub ntxhais los sojntsuam qhov teebmeem tamsim no uas raug rau tiam 21 thiab yuav siv tej uas lawv kawm hauv biology los mus tawm suab rau kev yuav daws tau tej yam teebmeem los ntawm kev siv tej txujci kawm nyob rau hauv biotechnological techniques.
Cov ntaub ntawv siv los qhia: Biotechnology: Science for the New Millennium, Second Edition, Paradigm Publishing, Inc.

Visual/Performing Arts

Animation I — 06070

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia cov tub ntxhais hluas txog tej yam yooj yim ntawm kev teeb duab tas lauv hauv computer (animation) thiab kev tsim duab computer graphics. Lawv yuav kawm tej yam yooj yim ntawm lub ntsiab lus, cov tswv yim, thiab kev txawj ua ib yam dab tsi nyob rau kev cev tes ua num thiab tej projects txuas rau animation thiab computer graphics. Kev kawm tsom txog cov tub/ntxhais uas xav siv thiab xyaum nws tej txuj ci tsim duab, nrog rau kev txawj siv lub computer cov software los pab tsim art. Hoob no yog rau cov tub ntxhais hluas uas nyiam txog kev sibtham/txuas lus ntawm tej txuj ci tsim art, yeeb yaj kiab, yeeb yaj kiab ntawm sam thiaj, kev siv computer teeb duab, thiab/los yog kev siv computer tsim tus qauv. Yuav kawm txog cov haujlwm nyob rau kev ua txuj ci thiab tsim duab. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Hoob no ua tau raws li UC thiab CSU visual thiab performing arts kev cai requirement thiab cuag tau kev cai lav ntawv lawm.
Cov ntaub ntawv uas siv: The Encyclopedia of Animation Technology, Running Press

Animation II — 06080

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no pub cov tub ntxhais hluas siv tej yam qeb siab heev/nyuaj dua ntawm lub ntsiab lus, tswv yim, thiab kev txawj ua ib yam dab tsi rau kev cev tes ua num thiab tej projects txuas rau animation thiab computer graphics. Tus tub/ntxhais yuav tau sau, tsim, thiab nthuav tawm nws li animation nyob rau txhua txoj haujlwm siv computer: cov ua raws li tej yam ib txwm ua thiab cov uas txav tau zog. Hoob no yog rau cov tub/ntxhais muaj kev kawm qeb siab tsim animation, uas xav siv thiab xyaum nws tej tswv yim nrog rau kev txawj siv cov modern technology niaj hnub no los teeb animation. Hoob no pub ib lub sijhawm zoo rau tej chaw tsim animation thiab tsev kawm ntawv qeb siab los saib tus tub/ntxhais cov duab. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Hoob kawm ua ntej mam kawm tau hoob no: Animation I
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

AP Art History — 06065

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsim los pab qhia cov tub ntxhais hluas uas nyob high school, kawm tej keeb kwm ntawm kev ua art kom zoo xws li hoob nyob rau tsev ntawv qeb siab: to taub thiab paub txog kev ua vaj ua tsev, khoom puab/teeb tsa, kev pleev xim, thiab nrog rau lwm yam art nyob rau ntau hom keeb kwm thiab kab ke ntawm haiv neeg. Hauv hoob no, cov tub/ntxhais yuav ntsuam xyuas ntau hom kev tawm suab tsim art uas loj heev, cov thaum ub los rau cov tiam no los ntawm ntau haivneeg tej kab ke. Lawv yuav kawm txog kev txawj xav yam dav thiab tob heev thaum saib cov art, nrog rau kev txawj ntse thiab txawj xav, thiab tshuaj ntsuam qho tau pom, siv cov keeb elements ntawm art thiab nws cov lus. Hoob no ua tau raws li UC thiab CSU Visual thiab Performing Arts cov requirements lawm.
Cov ntaub ntawv uas div: Gardner's Art Through The Ages, 12th Edition, Thomson-Wadsworth

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP Music Theory — 06315

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsim los qhia cov tub ntxhais hluas txog kev nyeem thiab sau kom tau cov nkauj muaj plaub thooj (four-part music) thiab cob qhia xyaum kev hlmoog tej intervals, scales, thiab chords. Lawv yuav kawm kom paub cim thiab siv tej yam yooj yim ntawm suab nkauj xws li notation, rhythm thiab meter, melody, scales, key signatures, intervals thiab triads. Cov tub/ntxhais yuav tau xyaum tsim tej melodies thiab sau plaub thooj. Hoob no qhia tej yam yooj yim ntawm cov suab nkauj tej systems los ntawm ntau hom haiv neeg kab ke thiab caij nyoog txawv. Hoob no yog ib hoob zoo heev los npaj mus kawm txog kev kwv yees ntawm suab nkauj nyob rau tsev kawm ntawv qeb siab. Thaum kawm tiav, cov tub/ntxhais yuav muaj feem tw xeem daim AP examination hais txog Music Theory, qho credit yuav siv tau rau tsev kawm ntawv qeb siab. Muaj kev pom zoo loj heev rau cov tub/ntxhais tw xeem daim AP exam. Pub siv cov credits rau kev cai lav ntawv Visual thiab Performing Arts graduation requirement. Hoob no ua tau raws li UC thiab CSU requirement lawm.
Yam yuavtsum tau kawm uantej: Nyeem tau cov ntawv cim suab paj nruag
Cov ntaub ntawv uas siv: The Musician's Guide to Theory and Analysis, Third Edition, W. W. Norton and Company

AP Studio Art: 2-D Design — 06050

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia txog kev txhais dav dav txog cov duab uas ntsia pom ob sab. Hom kev kos li no yuavtsum tau muaj kev txiavtxxim siab tias yuav siv cov kev thiab qauv hauv art los kos cov duab. Cov kev kos duab (art forms) uas yuav siv yog, tabsis tsis tas rau, graphic design, typography, digital imaging, photography, collage, kos rau hauv ntaub (abric design), hiab (weaving), illustration, pleev duab thiab luam duab. Yuav siv ntau yam kev kos duab, kos kom pom zoo, thiab kos pivtxwv txog ib yam dabtsi. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Yam yuavtsum tau kawm uantej: Kawm tas Art II los Commercial Art/Graphics thiab tau qhab-nees "C" los siab dua lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP Studio Art: 3-D Design — 06051

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no saib txog yam dav heev ntawm kev txhais cov khoom teeb/tsa tej teeb meem tob thiab seem (depth and space), xws li qho chaw muaj coob coob/loj loj (mass), dav (volume), tsoos (form), tiaj tiaj (plane), sib sib (light), thiab ntxhib/mos (texture). Tej yam tau hais los no, ua tau los ntawm kev sib ntxiv, nrho/txiav, thiab/los yog sib txuas/dhos lub sijhawm tsim/ua. Yuav muaj ntau hom tswv yim ntawm kev sawv cev, lub ntsiab lus, thiab kev nthuav tawm nyob rau cov khoom teeb/tsa uas ib txwm muaj ntev los lawm, tus qauv ua vaj ua tsev, tej ris tsho, khoom uas siv av puab, khoom uas txuas ntau yam hlau ua ke thiab dav ob peb theem, nrog rau lwm yam. Hoob no ua tau raws li kev cai lav ntawv thiab cuag tau UC thiab CSU qho Visual thiab Performing Arts requirement lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm tau tus qhab nee "C" los yog zoo dua hauv hoob Ceramics II los yog Commercial Art/Graphics, lossis tau kev tso cai los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

AP Studio Art: Drawing — 06060

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia txog kev txhais dav dav txog cov kev kos duab thiab media. Qhov pom kev thiab ntxoov ntxoo, cov kab kos, daim duab puas xoo, composition, kev kho daim duab, thiab kos kom pom zoo li tob lossis deb uas yuav siv ntau yam los ua Yuav muaj tej yam kev ua xwsli pleev duab, luam duab thiab muab duab sibhauj (mixed media), nrog rau kev kos kom pom zoo thiab xev ua ntawm tuskheej. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Yam yuavtsum tau kawm uantej: Kawm tas Art II los Commercial Art/Graphics thiab tau qhab-nees C los siab dua lossis tau kev tso cai ntawm tus xibfwb
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Art I — 06010

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia cov menyuam kawm ntawv txog cov qauv kev kos duab (drawing), pleev duab (painting), txua duab (sculpture), luam duab tawm (print making), keebkwm txog art, kev txaus siab (appreciation) txog art thiab kev paub txog qhov zoo nkauj (aesthetic judgment). Tsis tau kawm dua txog art los tsis ua licas. Cov projects uas ua hauv hoob yuav hais txog cov qauv thiab kev tsim thiab kev kos, pleev, thiab txua tau zoo. Cov menyuam kawm ntawv cov projects tej zaum yuav siv iav los kos (chais), thee (charcoal), kua cwjmem (ink), hmoov poovsib (pastels), tempera, xim dej (watercolor), thiab xim pleev (plaster). Cov projects ua duab yuav muaj xwsli luam rau cov ntawv yas (linoleum block prints), pleev rau cov ntaub tshwbliag (silk screen), thiab kos qhuav rau ib daim ntawv (dry point etching). Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Cov ntaub ntawv uas siv: Discovering Drawing, Davis Publications

Art II — 06020

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia rau cov menyuam kawm ntawv uas xav kawm ntxiv txog kev kos duab (drawing), pleev duab (painting), txua duab (sculpture), luam duab tawm (print making), keebkwm txog art, thiab tsim qauv duab rau ib theem siab tshaj qub. Peb nquahu kom cov menyuam kawm ntawv sau npe mus kawm hoob Art II A thiab Art II B tibsi. Art II yog ib hoob uas kawm txuas ntxiv ntawm hoob Art I. Hauv cov projects cov menyuam kawm ntawv yuav tau ua ntawm tuskheej ntau ua li tus txawj lawm thiab ceev thiab khaws tej duab uas lawv ua tau. Peb nquahu kom cov menyuam kawm ntawv coj lawv tej duab thiab khoom uas tsim tau mus nrog luag sib tw saib leejtwg daim zoo dua thiab coj mus teeb rau neeg tuaj xyuas. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Art I lossis xibfwb nquahu kom kawm
Cov ntaub ntawv uas siv: Experience Painting, Davis Publications

Art II, Honors — 06035

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yog rau cov tub ntxhais uas twb kawm keeb lawm uas xav npaj thiab kho kom nws qhov college lossis art career portfolio zoo dua qub.
Qhov no yuav cia cov tub ntxhais tsim ib lub digital portfolio tso lawv tej ntaub ntawv uas lawv tau ua tiav los ntawm traditional, graphic design and digital fine arts practices. Hoob kawm no yuav tsum tau kawm uantej lossis kawm thooj txhij nrog rau AP Studio Art (and/or a concurrent course to IB Art SL1 and IB Art HL1. Hoob kawm no kawm kom paub txog aesthetics, art criticism, art history, artists, thiab studio production uas muaj li no: kawm kom paub txxog tej txujci, paub tshawb nrhiav txog tus artist ntawd tes haujlwm uas nws tau ua nrog rau kev saib txog tej yam uas tseemceeb hauv art thiab cov qauv rau kev tsim.
Hoob yuav tau kawm uantej: Art II lossis Commercial Art/Graphics lossis portfolio review thiab tau tus xibfwb kev pomzoo
Cov ntaub ntawv kawm: The Visual Experience, Davis

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Art III — 06030

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los rau cov menyuam uas kawm art qibsiab. Yuav qhia ntau txog kev siv xim dej (watercolor acrylic), gouache, xim xyaw roj, thiab airbrush los pleev duab. Cov menyuam kawm ntawv yuav xyaum siv cov kev kos thiab pleev duab los kos thiab pleev txog tej yam uas xav tau rau hauv lub hlwb, yus pom zemzuag, thiab pivtxwv txog lub sijhawm uas ntawd xwsli zoo siab, chim siab, tshav ntuj nrig los ntsaus ntej nti. Dua li tseem yuav kawm txog cov kev ua duab uas pleev rau daim ntaub tshwbliag uas muaj ntau xim. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Art II lossis xibfwb nquahu kom kawm.
Cov ntaub ntawv uas siv: Exploring Painting, Davis

Arts Internship — 06009

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

Kev uas ib kev kawm ib kev nqis tes ua haujlwm tseemceeb heev rau cov tub ntxhais uas kawm rau kev Kos Duab, Media, thiab Kev Seev Cev. Hoob kawm no cia cov tub ntxhais xyaum ua haujlwm rau kev kawm arts nyob rau (Kev Seev Cev, Media Arts, Ntaus Nkauj Tim Suab, Kev Ua Yeebyam thiab / lossis lwm yam Visual Arts) nyob rau ntawm lub tsev kawm ntawv uas zoo li qhov uas lawv xav kawm los ntawm kev uas ua ob peb qhov projects thiab haujlwm. Cov tub ntxhais yuav muaj ib lub portfolio los teev lawv kev loj hlob rau kev kawm thiab cov haujlwm projects tseemceeb uas lawv ua. Hoob kawm no rovqab kawm dua los tau, tiamsis tsuas tau txog li 20 credits xwb.
Hoob yuav tsum tau kawm uantej: Kawm ib xyoo nyob rau high school VAPA lossis lwm yam kev kawm uas zoo tibyam uas yog ntiav kawm thiab yuav tsum tau xibfwb kev tso cai.
Cov ntaub ntawv siv los kawm: Tsi muaj cov phau ntawv kawm

Band, Advanced — 06325

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Band, Advanced
Hoob kawm no yog tsim los rau cov tub ntxhais uas twb kawm keej keej lawm los koom uake ua ib pab ntaus cov tim suab nkauj. Cov tub ntxhais yuav kawm ntaus tim suab los ntawm kev ntaus nkauj nrog ib pab tibneeg li (concert band) thiab kom paub nyeem cov cim suab ntawm daim ntawv ntaus nkauj uas yog sau rau cov uas twb keej keej lawm. Cov tub ntxhais yuav los tshawb nrhaiv txog lawv tes haujlwm rau kev ntaus tim suab thiab los saib rau tibneeg li keebkwm kev ntaus tim suab nkauj. Cov twj (instruments) uas siv los cov ntaus tim suab yuav muaj ntau hom xws li brass, woodwind (raj), thiab percussion (koos) nrog rau harp thiab double bass. Hoob no rov kawm tau dua, tiamsis tsuas tau txog li 30 credits xwb.
Qhov uas yuav tsum tau ua uantej: Yuav tsum paub ntaus cov twj -tim suab (instrument) thiab tau kev pom zoo lossis twb tuaj xeem ntaus cov tim suab rau tus thawj saib lawm hais tias nws yeej ntaus tau cov tim suab.
Hoob yuav tsum tau kawm uake nrog: Kawm hoob Advanced Band Mini yog kawm nyob rau ntawm lub tsev kawm ntawv.
Cov ntaub ntawv siv los kawm: Tsi siv cov phau ntawv kawm

Band, Advanced Honors — 06327

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yuav kawm nyuaj zog rau Band, Advanced raws li qhov nws yuav tau ntaus tim suab ntawm nws tus kheej lossis nrog rau ib pab, muaj kev xeem (audition) ntaus nkauj rau lawv saib, muaj kev tshawb nrhiav thiab kev sau ntawv, thiab muaj kev ua tib zoo sojntsuam qhia tias ntaus tau tim suab licas (critiques), cov tub ntxhais xaiv tau qhov kev kawm no thaum lawv ua lawv daim application thiab/ lossis thaum lawv tuaj ntaus nkauj rau lawv saib (audition).
Hoob kawm no yeej rov kawm dua tau tiamsis tsuas tau 30 credits xwb.
Qhov yuav tau muaj uantej: Yuav tsum paub ntaus ib yam tim suab (instrument) thiab tau kev txhawb lossis xeem tau (audition) nrog rau tus thawj uas saib kev ntaus tim suab
Hoob yuav tau kawm uanke nrog: Band Mini yog muaj nyob rau ntawm lub tsev kawm ntawv.
Cov ntaub ntawv kawm: Tsi siv cov phau ntawv kawm

Band, Beginning — 06320

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog tsim los qhia kom cov menyuam kawm ntawv los koom ua tau ib pab menyuam ntaus suab paj nruag. Cov menyuam kawm ntawv yauv los kawm txog cov ntaub ntawv uas qhia suab paj nruag (music literature) uas siv cov qauv hauv ib pab band thiab cov ntawv cim suab paj nruag (sheet music) uas sau rau ib pab Beginning Concert Band. Cov menyuam kawm ntawv yuav los kawm txog tus qauv ntawm kev ua yeebyam ntaus suab paj nraug (performing arts) hauv tej haivneeg thiab keebkwm tibneeg. Cov cim suab paj nruag (instruments) yog suav txhua yam uas luag siv toojdaj, taub ntoo los ua uas luag tshuab thiab ntaus. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school.
Yam yuavtsum tau kawm uantej: Mus ua rau tus xibfwb qhia band hauv Franklin High School saib uantej thiab nws mam li ua tus xaiv.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Band, Intermediate — 06321

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog tsim los qhia kom cov menyuam kawm ntawv los koom ua tau ib pab menyuam ntaus suab paj nruag. Cov menyuam kawm ntawv yauv los kawm txog cov ntaub ntawv uas qhia suab paj nruag (music literature) uas siv cov qauv hauv ib pab band thiab cov ntawv cim suab paj nruag (sheet music) uas sau rau ib pab Intermediate Concert Band. Cov menyuam kawm ntawv yuav los kawm txog tus qauv ntawm kev ua yeebyam ntaus suab paj nraug (performing arts) hauv tej haivneeg thiab keebkwm tibneeg. Cov cim suab paj nruag (instruments) yog suav txhua yam uas luag siv toojdaj, taub ntoo los ua uas luag tshuab thiab ntaus. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Muaj peevxwm tshuab lossis ntaus ib yam cim suab paj nruag thiab tus xibfwb qhia music xa mus lossis mus ua rau band director saib thiab nws mam xaiv
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Band, Intermediate, Honors — 06326

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav kawm nyuaj zog rau Band Intermediate raws li qhov nws yuav tau ntaus tim suab ntawm nws tus kheej lossis nrog rau ib pab, muaj kev xeem (audition) ntaus nkauj rau lawv saib, muaj kev tshawb nrhiav thiab kev sau ntawv, thiab muaj kev ua tib zoo sojntsuam qhia tias ntaus tau tim suab licas (critiques), cov tub ntxhais xaiv tau qhov kev kawm no thaum lawv ua lawv daim application thiab/ lossis thaum lawv tuaj ntaus nkauj rau lawv saib (audition).
Hoob kawm no yeej rov kawm dua tau tiamsis tsuas tau 30 credits xwb.
Qhov yuav tau muaj uantej: Yuav tsum paub ntaus ib yam tim suab (instrument) thiab tau kev txhawb lossis xeem tau (audition) nrog rau tus thawj uas saib kev ntaus tim suab
Hoob yuav tau kawm uanke nrog: Band Mini yog muaj nyob rau ntawm lub tsev kawm ntawv.
Cov ntaub ntawv kawm: Tsi siv cov phau ntawv kawm

Band, Intro to Marching/Concert — 06322

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia kom cov menyuam kawm ntawv los koom ua tau ib pab menyuam ntaus suab paj nruag. Nws yog thawj hoob kawm rau cov menyuam uas kawm Marching/Concert Band. Cov menyuam kawm ntawv yauv los kawm txog cov ntaub ntawv uas qhia suab paj nruag (music literature) uas sau rau ib pab concert band thiab marching band, thiab mus xyaum tshuab thiab ntaus rau tibneeg xyuas. Cov menyuam kawm ntawv yuav los kawm txog tus qauv ntawm kev ua yeebyam ntaus suab paj nraug (performing arts) hauv tej haivneeg thiab keebkwm tibneeg. Yuav tau txais 25 teev rau kev Mus Pab Zejzos Community Service hauv Laguna Creek High School.
Yam yuavtsum tau kawm uantej: Muaj peevxwm tshuab lossis ntaus ib yam cim suab paj nruag thiab tus xibfwb qhia music xa mus lossis mus ua rau band director xyuas thiab nws mam xaiv
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Band, Introduction to Jazz — 06330

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuavtsum kawm nrog hoob Introduction to Marching/Concert Band (tsuas tshwj cov cim suab paj nruag (instruments) uas tsis siv rau hauv pab marching/concert band xwsli electric bass, guitar, thiab piano). Introduction to Jazz Band yog tsim los qhia cov menyuam kawm ntawv txog kev los koom ua ib pab neeg uas tshuab thiab ntaus suab nkauj jazz. Nws yog thawj hoob rau cov menyuam uas kawm Jazz Band. No yog ib pab neeg tshuab thiab ntaus suab paj nraug uas yog jazz thiab rock styles, jazz articulations thiab phrasing. Yuav los kawm txog kev tshuab thiab ntaus txuas ntxiv mus li yus hnov lub suab uantej. Yuav muaj kev mus tshuab thiab ntaus hauv cov concerts thiab jazz festivals. Cov menyuam kawm ntawv yuav los kawm txog kev tshuab thiab ntaus jazz hauv tej haivneeg thiab keebkwm tibneeg. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school.
Yam yuavtsum tau kawm uantej: Muaj peevxwm tshuab lossis ntaus ib yam cim suab paj nruag rau band thiab tus xibfwb qhia music xa mus lossis mus ua rau band director hauv tsev kawm ntawv xyuas thiab nws mam xaiv
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Band, Jazz — 06331

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia ib pab neeg tshuab thiab ntaus suab paj nruag uas feem ntau yog jazz thiab rock styles, jazz articulations, thiab phrasing thiab yuavtsum tau kawm nrog hoob Marching/Concert Band (tsuas tshwj cov cim suab paj nruag (instruments) uas tsis siv rau hauv pab marching/concert band xwsli electric bass, guitar, thiab piano). Yuav los kawm txog kev tshuab thiab ntaus txuas ntxiv mus li yus hnov lub suab uantej. Yuav muaj kev mus tshuab thiab ntaus hauv cov concerts thiab jazz festivals. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd. Tau thiab suav tau nws ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school.
Yam yuavtsum tau kawm uantej: Muaj peevxwm tshuab lossis ntaus ib yam cim suab paj nruag rau band thiab tus xibfwb qhia music xa mus lossis mus ua rau band director hauv tsev kawm ntawv xyuas thiab kawm tas Introduction to Jazz Band
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Band, Marching Auxiliaries — 06324

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

Hoob no yog qhia txog tej pab neeg uas los pab pab band (Band Auxiliary groups) xwsli, thaum tsimnyog, Drill Team, Majorettes, Banner Carriers, Shield Bearers, Color Guard, thiab Flag Team. Txhua tus menyuam kawm ntawv yuav tau nyob xyaum uantej thiab tomqab lawb ntawv thiab yuav tau koomtes rau txhua yam kev ua. Txhua tus menyuam kawm ntawv yuav tau hnav khaub-ncaws kom tsimnyog mus koom cov kev xyaum thiab ua txhua hnub. Rov kawm tau hoob no yuav credit tau thiab suav tau nws ua ib hoob Visual thiab Performing Arts rau kev kawm kom tiav. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Band, Marching/Concert — 06323

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yog tsim los qhia kom cov menyuam kawm ntawv los koom ua tau ib pab band ntaus suab paj nruag, uas yuav los tshuab thiab ntaus suab nkauj li cov tibneeg uas txawj lawm, thiab yuav mus tshuab thiab ntaus hauv ntau concerts, parades, thiab kev sib xeem tshuab thiab ntaus. Pab no yuav los ib pab marching band thiab ib pab concert band. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd. Yuav tau txais 25 teev rau kev Mus Pab Zejzos Community Service hauv Laguna Creek High School.
Yam yuavtsum tau kawm uantej: Muaj peevxwm tshuab lossis ntaus ib yam cim suab paj nruag thiab tus xibfwb qhia music xa mus lossis mus ua rau band director xyuas thiab kawm tas Introduction to Marching/Concert Band
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Beginning Band Mini — 06806

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau hoob pib kawm ntaus tim suab (Beginning Band) kom yuav tsum tau xyaum ntaus tim suab ua ntu zus mus nrog rau sawvdaws kom ntaus tau zoo nyob rau kev kawm hauv program lub xyoo ntawd. Kev ua ntaus tau tim suab zoo yuav tsum tau muaj kev xyaum uake nrog rau sawvdaws txhua hnub. Cov tub ntxhais yuav tsum tau xyaum kom muaj peevxwm ntaus tau cov tim suab nkauj zoo thiab paub siv tej txujci qhia. Cov txujci qhia kom paub nyeem music thiab kev ntaus tim suab tseem yuav kawm ntxiv. Hoob no rovqab kawm dua tau tiamsis tsuas tau 5 credits yam ntau kawg lawm xwb.
Qhov yuav tsum tau muaj uantej: Twb ntaus tej tim suab li 1-2 xyoos lawm thiab yuav tsum tau tuaj ntaus rau tus xibfwb saib uantej.
Yuav tsum tau kawm qhov no uake nrog: Yuav tsum tau kawm nyob rau Beginning Band qhov no raug samfwm kom yuav tsum tau kawm.
Cov ntaub ntawv siv los qhia: Tsi muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Ceramics I — 06110

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no qhia cov menyuam kawm ntawv txog cov qauv kev puab av xwsli xuas tes puab, siv lub rooj kiv (potter's wheel), pleev cov xim uas ci, thiab cov kev muab cub. Hoob no yog ib hoob pib hauv kev kawm puab av. Yuav kawm txog txoj kev puab pav hauv keebkwm art thiab tej uas cov kws tshiab tiam no (contemporary artists) puab. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Cov ntaub ntawv uas siv: Experience Clay, Second Edition, Davis Publications

Ceramics II — 06120

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog ib hoob uas qhia txog theem siab ntawm kev siv lub rooj kiv (potter's wheel), theem siab ntawm kev xuas tes puab, theem siab ntawm kev pleev xim ci, thiab cov kev kos duab rau tej khoom uas xuas av puab rau kom zoo nkauj. Hoob no yog ib hoob kawm Ceramics theem nrab, uas kawm txuas ntxiv tej uas lawm tas los hauv hoob Ceramics I. Cov menyuam kawm ntawv yuav los kawm txog kev tov cov xim ci thiab cov kev muab cov khoom siv av puab rau hauv lub qhov-txos ci thiab kev thau lawv tawm los. Tseem yuav los kawm txog keebkwm art uas hais txog kev siv av los puab ua laujkaub tais diav ceramics. Peb nquahu kom cov menyuam kawm ntawv coj lawv tej khoom uas tsim tau los mus nrog luag sib tw saib leejtwg lub zoo dua thiab coj mus teeb rau neeg tuaj xyuas. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Ceramics I Kuv muaj qib C los siab dua los xibfwb tsocai
Cov ntaub ntawv uas siv: Beginning Sculpture, Davis Publications

Ceramics II, Honors — 06150

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Nyob rau hoob kawm siab Ceremics no yuav kawm txog cov qauv saib ntsig txog kev uas puab tej yam khoom, los sojntsuam thiab saib txog yam khoom tsim ntawd, saib tej keebkwm rau art, thiab studio production. Cov tub ntxhais yuav kawm kom tiav 12 yam theme project uas yuav pom txog qhov txawv nyob rau cov art thiab yuav los saib txog tej yam art uas nyiam los ntawm kev tshawb nrhiav thiab sojntsuam txog tus tibneeg uas tsim yam khoom ntawd. Cov tub ntxhais yuav saib txog kev uas tsim tej yam zoo nkauj los ntawm ob txhais tes, tej txujci, vibthis ua licas, thiab ua tau zoo npaum licas. Nyob rau hauv cov kev kawm yuav los saib txog ib cov tibneeg uas txawj puas khoom, ceramic cultural art history, sau tej uas tshawb nrhiav tau los ntawm kev ua tib zoo sojntsuam, thiab tshab xo txog ib qhov genre, style, lossis keebkwm ntawd ib lub sijhawm, uas yuav qhia tau hais tias paub zoo npaum licas txog qib I tej uas kawm. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Qhov yuav tsum tau kawm uantej: Ceramics I
Cov ntaub ntawv siv los kawm: The Visual Experience, 3rd Edition, Davis Publications

Ceramics III — 06130

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yuav qhia tob txog kev puab laujkaub tais diav thiab theem siab txog kev kos duab rau kom zoo nkauj, thiab qhia tob txog kev tov xim thiab tsim lub qhov-txos. Cov menyuam uas kawm hoob no tsimnyog sau npe mus kawm rau hoob qhia thaum lub ciaj nplooj ntoos zeeg thiab hoob qhia thaum lub ciaj nplooj ntoos hlav tibsi. Cov menyuam kawm ntawv yuav kawm txog keebkwm art uas hais txog kev xuas av paub laujkaub tais diav (ceramics). Yuav kawm txog kev ua Raku. Yuav tau ua qee yam homework, tabsis feem ntau yog ua project puab kaujkaub tais tiav. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Ceramics II Kuv muaj qib C los siab dua los xibfwb tsocai
Cov ntaub ntawv uas siv: Clayworks, Form & Idea in Ceramic Design, Davis

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Ceramics IV — 06140

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsom txog kev kawm nyias li haujlwm thiab cov contemporary ceramic art tam sim no. Hoob no qhia tej yam dav thiab tob heev ntawm kev kwv yees thiab lij lim tswv yim nyob rau kev los siv av puab khoom uas txuas rau tus tub/ntxhais cov haujlwm. Cov tub ntxhais hluas uas xav kawm hoob no yuav tsum cuv npe rau ob lub sijhawm kawm tib si, xwsli lub caij fall thiab spring semesters. Hoob no pub sijhawm rau tus tub/ntxhais uas tau kawm tiav cov hoob Ceramics I, II, thiab III los mus ua nws li haujlwm hauv lub studio. Cov tub ntxhais yuav tau npaj thiab tawm suab txog tej yam muaj muag nyob rau hauv chaw daim khoom saib (gallery). Yuav tau ua ib cov homework tiam sis, tej project ua hauv hoob xwb. Pub siv cov credits rau kev cai lav ntawv Visual thiab Performing Arts graduation requirement. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Ua tau raws li CSU Visual thiab Performing Arts cov requirement thiab rau UC (g) elective requirement tib si.
Hoob kawm ua ntej mam kawm tau lwm hoob: Ceramics III kawm tau tus qhab nee C los yog zoo dua hauv hoob
Cov ntaub ntawv uas siv: The Craft and Art of Clay, Prentice Hall

Chamber Orchestra — 06340

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav kawm ntau txog cov ntaub ntawv uas hais txog tej pab neeg los qoj thiab ntaus suab paj nruag uake hauv txhua tiam neeg. Cov homphiaj yog qhia kom txawj los qoj thiab ntaus uake, ntsia luag xwb nyeem tau lawm (sight-reading), intonation, thiab phrasing. Yuav tau mus tshuab thiab ntaus rau tibneeg xyuas. Hoob no suav tau ua ib hoob fine arts hauv kev kawm kom tiav. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Mus ua rau tus xibfwb saib uantej. Muaj peevxwm qoj lossis ntaus ib lub cim suab paj nruag uas muaj hlua (violin, viola, cello, bass). Tus menyuam kawm ntawv yuavtsum muaj nws ib lub cim suab paj nruag.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Chamber Orchestra Mini — 06809

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau hoob (Chamber Orchestra) kom yuav tsum tau xyaum ntaus tim suab ua ntu zus kom ntaus tau zoo nyob rau kev kawm hauv program lub xyoo ntawd. Kev uas ntaus tau tim suab zoo yuav tsum tau muaj kev xyaum uake nrog rau sawvdaws txhua hnub. Cov tub ntxhais yuav tsum tau xyaum kom muaj peevxwm ntaus tau cov tim suab nkauj zoo thiab paub siv tej txujci qhia. Cov txujci qhia kom paub nyeem music thiab kev ntaus tim suab tseem yuav kawm ntxiv. Hoob no rovqab kawm dua tau tiamsis tsuas tau 20 credits yam ntau kawg lawm xwb.
Qhov yuav tsum tau muaj uantej: Kom ntau tau cov tim suab muaj hlua lossis ntaus tau piano thiab yuav tsum ntaus rau tus xibfwb saib uantej.
Yuav tsum tau kawm qhov no uake nrog: Yuav tsum tau kawm nyob rau Jazz Band qhov no raug samfwm kom yuav tsum tau kawm.
Cov ntaub ntawv siv los qhia: Tsi muaj

Chamber Orchestra, Honors — 06341

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav kawm nyuaj zog rau Chamber Orchestra thiab raws li qhov nws yuav tau ntaus tim suab ntawm nws tus kheej lossis nrog rau ib pab, muaj kev xeem (audition) ntaus nkauj rau lawv saib, muaj kev tshawb nrhiav thiab kev sau ntawv, thiab muaj kev ua tib zoo sojntsuam qhia tias ntaus tau tim suab licas (critiques), cov tub ntxhais xaiv tau qhov kev kawm no thaum lawv ua lawv daim application thiab/ lossis thaum lawv tuaj ntaus nkauj rau lawv saib (audition).
Hoob kawm no yeej rov kawm dua tau tiamsis tsuas tau 30 credits xwb.
Qhov yuav tau muaj uantej: Yuav tsum paub ntaus ib yam tim suab (instrument) thiab tau kev txhawb lossis xeem tau (audition) nrog rau tus thawj uas saib kev ntaus tim suab
Hoob yuav tau kawm uanke nrog: Chamber Orchestra Mini yog muaj nyob rau ntawm lub tsev kawm ntawv.
Cov ntaub ntawv kawm: Tsi siv cov phau ntawv kawm

Choir, Concert — 06351

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia cov menyuam kawm ntawv kev los koom ua ib pab hu nkauj uake li cov tibneeg uas txawj lawm, ua ntau hom kev hu nkauj. Cov menyuam kawm ntawv yuav xyaum cov kev hu nkauj xwsli xyaum ua lub suab tawm tuaj, xyaum sawv ntseg, xyaum ua pa, thiab xyaum hu uake. Yuav kawm tau kev mloog tau lwm tus lub suab hu nkauj. Yuav kawm txog kev nyeem cov cim suab nkauj thiab hu li yus pom luag hu. Koj yuavtsum tau mus koom kev hu nkauj rau lwm tus mloog. Rov kawm tau hoob no yuav credit tau. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Yam yuav tsum tau kawm uantej: Kawm tas hoob Introduction to Concert Choir
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Choir, Treble — 06352

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsim los qhia qho yooj yim thiab yam tau ua dhau tas los lawm (experience) ntawm kev kawm thiab ua yeeb yam hu nkauj rau sawvdaws hlmoog (choir). Hoob no yog thawj hoob rau cov tub/ntxhais uas cuv npe kawm Treble Choir. Tej yam tseem ceeb yog kev kawm, xyaum, thiab ua yeeb yam hu ntau hom nkauj uas muaj ntau hom suab pab nraus. Cov tub/ntxhais yuav xyaum tej txuj ci hu nkauj, muaj xws li kev hu nkauj kom nrov los yau, kev sawv tsug, kev ua pa, thiab kev hu nkauj ua ke sib xyaws daws. Tej txuj ci hmloog tus kws coj kev hu nkauj mam tshwm sim. Tej txuj ci nyeem tau ntawv hu nkauj thiab paub hu nkauj raws suab paj nraus thawj zaug uas hnov tseem ceeb heev. Yuav tsum tau koom tes ua yeeb yam. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Tsis muaj

Computers and Graphic Design — 06613

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsim los qhia txog tej yam yooj yim ntawm kev siv lub computer thiab nws kev ua haujlwm, nrog rau cov keeb elements thiab kev cai los tswj kev tsim tus qauv duab. Tej tub ntxhais hluas yuav tau txais ib lub sijhawm zoo los mus ua haujlwm kov computers thiab ntau hom khoom siv hauv computer (software) xws li Adobe Photoshop, Illustrator, thiab PageMaker. Yam tseem yuav saib txog yog kev muaj tswv yim los pab tsim, tej yam tseem tseem, siv txuj ci, thiab ua kom tau zoo raws li tus tibneeg yuav kev pab/tus tswv lub siab tshaw, thiab ua txoj haujlwm kom tiav. Yuav qhia cov tub/nxhais hais txog tej lus siv nyob rau kev tsim/teeb tus qauv, keeb kwm ntawm kev tsim, nrog rau kev ntsig txog tej yam zoo nkauj. Yuav tau tshawb kawm txog cov haujlwm nyob rau hoob no, tsis tas li ntawd, yuav muaj kev txhawb tej tub/ntxhais los mus koom nrog kev tsim duab raws li kev xav tau hauv tsev kawm ntawv, yuav tau tsim cov duab loj, cov pib, ntawv xovxwm luam tawm, nrog rau lwm yam kev tsim duab.
Cov ntaub ntawvuas siv: Graphic Design Solutions, Thomson/Delmar

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Computers and Graphic Design II — 06614

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los pab txhawb cov txuj ci thiab kev txawj uas tau kawm txog nyob rau hoob qhia computer thiab tsim kos/teeb duab hauv computer (Computer and Graphic Design). Cov tub ntxhais hluas yuav kawm txog tej yam txuj ci uas nyuaj dua nyob rau Adobe's Creative Suite (Photoshop, Illustrator, thiab InDesign) thiab Macromedia Flash. Cov txuj ci no yuav siv rau lub caij tus tub/ntxhais ua nws li haujlwm projects los sis rau lub zej zos. Nws yuav muaj sijhawm koom tes ua haujlwm nrog cov tibneeg uas yuav kev pab thiab tshawb nrhiav haujlwm nyob rau kev kawm. Ib yam tseem ceeb heev rau kev kawm no yog kev txawj xav uas dav heev thaum tawm tswv yim, nws yog ib yam muaj nuj nqes rau kev daws teeb meem thiab rau lub chaw ua lagluam. Yuav tsum muaj tus cwj pwm uas paub haujlwm thiab tshaj lij. Yuav kawm txog kev npaj tsim tus qauv duab, cov lus siv/cim, keeb kwm, thiab kev zoo nkauj ntxiv mus.
Hoob kawm ua ntej mam kawm tau hoob no: Kawm tau tus qhab nee "C" los yog zoo dua hauv hoob Digital Art thiab Graphic Design.
Cov ntaub ntawv uas siv: Tsis muaj

Concert Choir, Introduction to — 06350

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia cov menyuam kawm ntawv txog kev hu suab nkauj uake. Nws yog thawj hoob rau cov menyuam kawm ntawv uas kawm hoob Concert Choir. Yuav qhia ntau txog kev kawm, xyaum hu thiab hu kom tau suab uake zoo ua ntau hom suab nkauj. Cov menyuam kawm ntawv yuav xyaum cov kev hu nkauj xwsli xyaum ua lub suab tawm tuaj, xyaum sawv ntseg, xyaum ua pa, thiab xyaum hu uake. Yuav kawm tau kev mloog tau lwm tus lub suab hu nkauj. Yuav kawm txog kev nyeem cov cim suab nkauj thiab hu li yus pom luag hu. Koj yuavtsum tau mus koom kev hu nkauj rau lwm tus mloog. Hoob no suav tau nws ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 10 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Dance Composition & Performance I — 06461

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia tej tus menyuam kawm ntawv/neeg seevcev kom los ua tau ib tus ntawm ib pab tibneeg coob coob uas seevcev uake (performing troupe). Rhythmycal Maddness, Elk Grove High School, Master Peace, Florin High School, Infinite Motion, Franklin High School, Fusion Dance Company, Laguna Creek High School, Impulse, Monterey Trail High School, Soul Purpose, Pleasant Grove High School, thiab Universal Rhythm, Sheldon High School. Qib I yog qib pib hauv kev los xyaum seevcev uake raws li luag qhia (dance choreography). Cov menyuam kawm ntawv yuav los koom kev xyaum seevcev raws li ib tus menyuam kawm ntawv qhia, thiab los kawm txog ntau yam kev seevcev. Txhua tus menyuam yuavtsum tau koom rau txhua yam kev seevcev, xyaum seevcev, thiab mloog kev qhia txog kev seevcev. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tas Jazz Dance I thiab raug xaiv thaum ua rau luag xyuas.
Cov ntaub ntawv uas siv: Dance Composition, Human Kinetics

Dance Composition & Performance II 06462

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no tsim los qhia cov tub ntxhais hluas kawm kev seev cev/las voos kom txawj txaus dhau tej yam yooj yim. Cov tub/ntxhais yuav tau koom tes ua ib pab los tsim ib qho kev seev cev ua ke, yuav tsum xav txog lub tswv yim siv txuj ci los tsim kom tau ib zaj seem cev uas txuas rau tej keeb kwm thiab kev raug zoo txhawb yam seev cev. Lawv yuav tau cev tes pab ua txhua yam nyob rau kev ua yeeb yam ntawm sam thiaj, xws li pab npaj lub sam thiaj mus rau cov koom haum npaj tog rooj, cov tub/ntxhais uas coj kev mus, thiab cov kws tsim ua/qhia kev. Tag nrho cov tub ntxhais hluas yuav tau koom tes ua yeeb yam nrog rau kev pab tsim qho yeeb yam nyob rau sam thiaj. Yuav tsum koom kev xyaum thiab kev qhuab qhia ua yeeb yam tib si. Pub siv hoob no rau Visual thiab Performing Arts kev cai lav ntawv. Hoob no ua tau raws li UC thiab CSU Visual thiab Performing Arts requirement lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Dance Composition thiab Performance I thiab yuav tau sim audition.
Cov ntaub ntawv uas siv: Dance- the Art of Production, Princeton

Dance Composition & Performance III 06463

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no tsim los qhia cov tub ntxhais hluas yam qeb siab heev ntawm kev tsim qhia kev seev cev/las voos. Cov tub/ntxhais kawm xyoo peb, yuav tsum tsim ib qho kev seev cev thiab npaj ib qho kev seev cev loj heev. Lawv yuav pab ua tej num muaj nyob rau txoj haujlwm ua tus coj, xws li ua tus qhia kev/tus tsim tawm los yog tus coj kev ntawm ib lub koom haum twg. Tag nrho cov tub/ntxhais kawm xyoo peb yuav tsum ua ib tus qauv zoo, siv tau rau kev pab ua haujlwm dawb hauv zos thiab. Lawv yuav tau los pab ua tus coj kev ntawm kev tsim nthuav tawm nyob rau lub sam thiaj thiab ua yeeb yam ntawm lub sam thiaj, xyaum, thiab qhuab qhia kev yuav ua yeeb yam. Hoob no pub siv rau kev cai lav ntawv Visual thiab Performing Arts graduation requirement.
Hoob kawm no ua tau raws li UC thiab CSU Visual thiab Performing Arts requirement lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Dance Composition thiab Performance II thiab yuav tau ua rau lawv saib uantej (audition).
Cov ntaub ntawv uas siv: Tsis muaj

Dance Composition & Performance IV 06464

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no tsom txog yam qeb siab tshaj plaws nyob rau kev tsim qhia seev cev/las voos. Yuav muaj tej num nyias ua nyias. Yuav tau mus xyaum qhia kev seev cev hauv hoob, rau tej lub tsev kawm ntawv hoob enrichment classes, thiab pab coj kev rau cov tuaj tshiab. Saibxyuas txhua yam nyob rau kev tsim seev cev xws li, ua tus los pab cov kws coj kev npaj kev ua yeeb yam ntawm sam thiaj thiab rau kev qhuab qhia sim tau saib los yog ua tus kws coj kev ntawm cov koom haum tsim nthuav tawm. Yuav tau xyaum ua haujlwm (internships) nrog cov tsev kawm ntawv kawm haujlwm (community college) tej company qhia kev seev cev. Hoob no pub siv rau kev cai lav Visual thiab Performing Arts graduation requirement. Hoob no ua tau raws li UC thiab CSU Visual thiab Performing Arts requirement lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Dance Composition thiab Performance III thiab yuav tau ua rau lawv saib uantej (audition).
Cov ntaub ntawv uas siv: Tsis muaj

Dance I, Beginning 06465

Department: Visual/Performing Arts
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog pib qhia txog cov txujci rau kev seev cev thiab yuav seev licas. Yuav qhia cov tub ntxhais txog ntau hom kev seev cev, xws li ballet thiab modern dance, jazz thiab tap dance, social thiab cultural dance, thiab contemporary thiab hi-hop dance. Cov tub ntxhais yuav pom tias kev seev cev yog ib qhov art thiab yuav kawm cov txujci rau kev seev cev kom yuav mus nrhiav tau cov haujlwm uas muaj rau kev seev cev. Hoob no muaj kev xyaum seev cev thiab yuav qhia txog tej uas yuav siv rau kev seev cev, yuav kawm txog keeb kwm thiab seb kev seev cev no hloov licas ua ntu zus los, thiab kev tshawb nrhiav txog tej haujlwm seev cev.
Hoob kawm no ncav cuag VAPA qhov uas yuav tsum tau kawm thiaj kawm tiav (graduation requirement).
Cov ntaub ntawv uas siv: Discovering Dance, Human Kinetics

Dance II, Intermediate 06466

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob kawm no qhia rau cov uas twb paub mentsis txog cov txujci rau kev seev cev thiab yuav seev li cas. Cov tub ntxhais yuav kawm ntxiv txog cov txujci rau ntau hom kev seev cev xws li ballet and modern dance, jazz and tap dance, social and cultural dance, and contemporary and hip-hop dance. Cov tub ntxhais yuav kawm kom paub tob ntxiv txog kev seev cev tias nws yog ib qhov art form thiab yuav kawm txog tej txujci uas yuav tsum tau paub rau ntau yam haujlwm uas muaj rau kev seev cev. Yuav qhia cov tub ntxhais txog tej yam uas siv rau thaum seev cev xws li thaum nyob tim samthiaj yuav tau ua licas, yuav taws teeb licas thiaj zoo thiab tso suab nkauj licas thiaj nrov zoo, thiab yuav kawm txog kev ua haujlwm rau ib lub company thiab kom paub tswj rau cov haujlwm seev cev. Hoob no rovqab kawm dua tau tiamsis tsi pub kawm tshaj li 20 credits thiab yeej ncav cuag VAPA qhov uas yuav tsum tau kawm thiaj kawm tiav (graduation requirement).
Qhov uas yuav tsum tau kawm uantej: Kawm tiav ib hoob pib xyuam seev cev/lossis audition tau rau
Cov ntaub ntawv uas siv: Experiencing Dance from Student to Dance Artist, Second Edition, Human Kinetics

Dance III, Advanced 06468

Department: Visual/Performing Arts
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no kawm siab lawm rau cov txujci kev seev cev los mus tsim tej project rau kev seev cev rau sawvdaws tau saib, seev cev rau hauv film, thiab seev cev thaij video. Cov tub ntxhais yuav kawm txog tej txujci siab ntxiv txog ntau hom kev seev cev xws li ballet thiab modern dance, jazz thiab tap dance, social thiab cultural dance, thiab contemporary thiab hi-hop dance. Cov tub ntxhais yuav saib rau tej uas lawv kawm txog kev seev cev thiab yuav siv lawv tej tswyim rau ntau yam kev seev cev. Cov tub ntxhais yuav npaj rau kev seev cev (auditon) lossis npaj ib qhov portfolios rau kev seem cev, kawm txog kev ua lagluam/ tej txujci rau kev tswj, thiab tsim kom muaj kev npaj rau kev ua haujlwm.
Hoob no rovqab kawm dua tau tiamsis tsi pub kawm tshaj li 20 credits thiab yeej ncav cuag VAPA qhov uas yuav tsum tau kawm thiaj kawm tiav (graduation requirement).
Qhov uas yuav tsum tau kawm uantej: Kawm tiav hoob intermediate rau kev seev cev thiab twb seev cev zoo rau lawv saib ua ntej lawm (audition)
Cov ntaub ntawv uas siv: Dance Production and Management, Princeton Book Company, Publishers

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Digital Cinematography — 06615

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no pib qhia cov tub ntxhais hluas txog kev kho duab mauv vim (digital video editing) thiab kev ua mauv vim (movie making). Hoob no muaj cev tes ua haujlwm. Cov tub/ntxhais yuav tau tsim tej zaj dab neeg uas siv lub koob yees (digital media) los kaw duab tso rau iMovie, Adobe Premiere thiab QuickTime. Tej kev pab kho duab no (application) muaj ntau yam uas siv tau, yuav pab tej tub/ntxhais kho daim mauv vim kom zoo dua qho qub thiab muab txiav pauv chaw kom muaj paus muaj ntsis. Cov tub ntxhais hluas yuav tau xyaum txhua txhia yam muaj nyob rau kev tsim ua duab mauv vim/yeeb yam kiab: ntsuam xyuas thiab sau ntawv qhia txog tej khoom siv yees/kaw duab, ntsuam xyuas thiab sau ntawv qhia txog cov mauv vim, tsim ib qho yeeb yaj kiab, muaj txuj ci pab kho tej koob yees duab thiab kho duab, sau cov lus hais, qhia kev ua yeeb yam, thiab qhia zaj dab neeg. Muaj kev pom zoo rau cov tub/nxhais uas paub siv lub ntaus ntaus ntawv (keyboarding). Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd
Hoob kawm ua ntej mam kawm tau lwm hoob: Cov hoob kawm twg los tau rau Visual thiab Performing Arts thiab yuav tsum tau tus qhabnees C lossis zoo duab lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Tsis muaj

Digital Photography I — 06603

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no yuav qhia txog keebkwm hauv kev thaij duab thiab digital photography, composition, cov qauv hauv art, cov qauv kev tsim, cov koob thaij, computer software xwsli Adobe Photoshop, kev xuas cov duab, kev siv tswvyim los kho, secrets of scanning, cov kev ntxuav duab, kev kho, thiab kev luam cov duab tawm. Hoob no yog ib hoob pib hauv kev kawm txog digital photography. Cov menyuam kawm ntawv yuav los kawm txog cov lus uas siv (terminology) thiab kev nrog xyuas saib nws puas zoo nkauj.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Drama Production I and II/Stagecraft — 06440

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 5.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia txog qhov kev npaj ua yeebyam. Cov menyuam kawm ntawv yuav los tshuaj zaj yeebyam thiab los xam tias yuav teeb dabtsi rau, hnav khaub-ncaws licas, taws teeb thiab pleev plu licas. Yuav muaj cov kev ua xwsli kos tus qauv, tsim thiab pleev xim rau daim ntaub lo tomqab thiab tej khoom saum lub samthiaj. Yuav muaj cov kev xeem thiab cov menyuam kawm ntawv yuavtsum tau ua lawv tej projects kom tiav. Rov kawm cov hoob no yuav credit tau. Suav tau nws cov credits ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob rau kev nkag mus kawm UC thiab CSU. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 30 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Play Productions Today or Theatrical Design & Production, McGraw-Hill

Drill Team — 06460

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no tsim los qhia txog kev ua yeeb yam ntawm ib pab pawg twg, lawv yuav tau xyaum kev cob qhia thiab las voos npaj rau tej kev koom xwsli cov rallies, parades, kev sib tw competitions, kev sib tw pov pob football thiab basketball. Cov tub ntxhais hluas yuav tsum koom kev xyaum tom qab lawb ntawv nrog rau tej lub sijhawm uas muaj taug ke ua tsheej pab kom lom zem, kev koom hauv tsev kawm ntawv, kev sib tw nyob rau tsev kawm ntawv, thiab kev pab nrhiav nyiaj (fund raising projects). Txhua tus tub/ntxhais yuav tsum hnav ris tsho raws li kev cai, koom txhua txhua hnub, thiab tuaj hauv hoob kom raws sijhawm.
Hooob kawm ua ntej mam kawm tau lwm hoob: Cov tub/ntxhais yuav tsum sim thiab raug xaiv los ntawm cov kws txiav txim plaub ntug lub caij spring semester thaum muaj sim, nws thiaj koom tau hoob no
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Drumming 06312

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

Hoob no yog qhia ua ob-semester thiab qhib rau txhua tus menyuam kawm ntawv uas xav kawm. Hoob no yog qhia txog cov qauv ntaus nruas thiab nraws npaum licas (rhythm reading) hauv cov kev ntaus nruas tshiab thiab cov kev uas ib txwm xuas tes ntaus nruas. Cov menyuam hauv hoob no yuav los npaj thiab ntaus nruas rau lub tsev kawm ntawv nrog rau kev mus ntaus nruas rau cov hoob seevcev cov kev los seevcev rau neeg ntsia.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Film History 06604

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

Hoob no qhia txog tej yam tob thiab tseem ceeb heev ntawm cov yeeb yaj kiab uas ntsig txog kev zoo nkauj, yuav tau saib thiab ntsuam xyuas cov yeeb yaj kiab uas zoo tshaj plaws tib si. Hoob kawm yuav saib txog kev nkag siab ntawm cov txuj ci thiab tswv yim tau siv los tsim daim yeeb yaj kiab, taug qab tej keeb kwm thiab txoj kev los tsim daim yeeb yaj kiab, thiab tshawb nrhiav thiab ntsuam xyuas cov yeeb yaj kiab tsim thaum ub los txog niaj hnub no. Pub siv cov credits mus rau qho Visual thiab Performing Arts kev cai lav ntawv.
Cov ntaub ntawv uas siv: Tsis muaj

Foundations in Music and Music Technology 06316

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

Hoob kawm no muaj ntau hom vibthis kawm thiab tsim tej tim suab (music). Yuav los saib txog tej uas tseemceeb nyob rau hauv music, tej khoom siv los ntaus tej tim suab, keebkwm txog cov suab nkauj, kev tsim suab nkauj, technology rau suab nkauj, thiab tej suab nkauj nyob thoob plaws lub ntiajteb. Cov keebkwm kawm yog nyob rau cov sijhawm Middle Ages, Renaissance, Baroque, Classical, Romantic, thiab 20th Century. Hoob kawm no yuav kawm kom paub mloog, totaub, thiab paub tsim cov tim suab rau nkauj.
Hoob uas yuav tsum tau kawm uantej: Tsi Muaj
Cov ntaub ntawv siv los kawm: Soundtrap (a digital resource)

Guitar Workshop I 06310

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog qhia cov nyuam qhuav pib thiab txawj pesnrav hauv kev ntaus guitar ntoo. Cov menyuam kawm ntawv yuav xyaum ntawm tuskheej lossis xyaum ua tej pab meme. Yuav kawm ntau txog cov cim suab (chords), ua ntiv-tes (finger patterns), thiab nyeem cov cim suab nkauj. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav.
Yam yuav tsum tau kawm uantej: Nyob rau Sheldon High School, yuavtsum tau kawm ob hoob A/B sib txuas; kawm yuav credit tau txog ob zaug nkaus xwb thiab cov menyuam kawm ntawv yuavtsum tau muaj lawv ib lub guitar ntoo.
Cov ntaub ntawv uas siv: Guitar School: Method Book 1, Alfred's

Guitar Workshop II — 06311

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsom txog lub suab kis tas (guitar) thiab haujlwm ntxiv nyob rau chaw kis tas workshop. Cov tub ntxhais hluas yuav tau siv yam tseem ceeb ntawm tej suab nkauj xws li, kev nyeem cov lus suab nkauj, kev nyeem cov suab ntawm cov hlua kis tas, kev nyeem lub suab nrov sib luag zos, thiab cov suab nkauj uas ntaus tau, coj los siv rau kev ua yeeb yam ntaus tej nkauj uas qeb siab/nyuaj dua. Lawv yuav tau ua nyias li yeeb yam ntaus tej yam nkauj tau sau tseg, yam nyob nruab dab mus rau yam uas nyuaj thiab qeb siab heev, ntaus nkauj ua ke hauv ib pawg me me thiab rau ib pawb uas coob coob. Cov tub/ntxhais yuav tshawb nrhiav txog tej keeb kwm ntawm lub kis tas (guitar) thiab kev kwv yees ntaus nkauj. Hoob no ua tau raws li kev cai lav ntawv hauv high school. A/B yuav tsum kawm sib xyaws daws. Cov tub/ntxhais tej zaum yuav tau npaj ib lub kis tas rau nws tus kheej. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Hoob kawm ua ntej mam kawm tau lwm hoob: Kawm dhau hoob Guitar Workshop thiab/los yog muaj kev pom zoo los ntawm tus xibfwb.
Cov ntaub ntawv uas siv: Guitar School: Method Book 1, Alfred's

Hip Hop Dance — 06467

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav qhia cov txujci seev cev rau cov uas twb kawm paub mentsis txog kev seev cev tshwjxeeb mus rau hip-hop. Cov tub ntxhais yuav kawm kom paub cov txujci rau ntau hom kev seev cev xws li breaking, popping, locking, jazz funk, groove, house, and old school. Cov tub ntxhais yuav kawm kom paub tob ntxiv txog kev seev cev tias nws yog ib qhov art form thiab yuav kawm txog tej txujci uas yuav tsum tau paub rau ntau yam haujlwm uas muaj rau kev seev cev. Yuav qhia cov tub ntxhais txog tej yam uas siv rau thaum seev cev xws li thaum nyob tim samthiaj yuav tau ua licas, yuav taws teeb licas thiaj zoo thiab tso suab nkauj licas thiaj nrov zoo, thiab yuav kawm txog kev ua haujlwm rau ib lub company thiab kom paub tswj rau cov haujlwm seev cev. Hoob no rovqab kawm dua tau tiamsis tsi pub kawm tshaj li 20 credits thiab yeej ncav cuag VAPA qhov uas yuav tsum tau kawm thiaj kawm tiav (graduation requirement).
Qhov uas yuav tsum tau kawm uantej: Kawm tiav ib hoob pib xyuam seev cev thiab /lossis twb seev cev rau lawv saib uantej lawm (audition)
Cov ntaub ntawv uas siv: Experiencing Dance from Student to Dance Artist, Second Edition, Human Kinetics

IB Art HL1 — 20067

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob IB no yog tsim los kawm txog thiab muaj kev nkag siab txog kev kos duab ntawm ntau hom haiv neeg thoob plaws keeb kwm. Cov tub ntxhais kawm yuav kawm los mus nug txog seb leej twg, muaj dab tsi, thaum twg, qhov twg, thiab vim li cas txog ntawm ib daim duab. Qhov no yuav ua rau lawv paub thiab ris txiaj ntsim rau cov duab no ntawm ntau hom haiv neeg uas muaj yav tag los mus rau tam sim no. Cov projects uas lawv yuav ua yuav toob kas kom siv media, lawv txoj kev txawj, thiab ntau qhov kev ua los pab cov tub ntxhais kawm sib txuas txoj kev visual arts (kos duab, tha xim, puab ub no - muaj ntau yam ntxiv) thiab lwm hom art. Hoob kawm no muaj ob qhov: Studio Work (practical) thiab Investigation Workbook (theoretical). IB Art HL qhov kev kawm tob dua IB Art SL.
Ntaub ntawv uas toob kas siv: Tsis muaj phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Art HL2 — 20068

Department: Visual/Performing Arts
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob IB no yog tsim los kawm kom totaub thiab paub txog art hauv ntau haivneeg li keebkwm. Cov menyuam kawm ntawv yuav los nug txog cov lus nug uas hais tias leejtwg, dabtsi, thaum twg, qhov twg, thiab yog vim licas txog tej daim duab uas luag kos (art piece). Qhov no yuav ua rau lawv paub tseeb pom txog qhov tseemceeb ntawm cov duab (artworks) uas tibneeg kos hauv ntau haivneeg hauv tiam dhau los thiab tamsim no. Cov projects uas ua hauv hoob yuav muaj kev siv ntau yam duab (media), txujcia (techniques), thiab ntau txoj kev los pab cov menyuam kawm ntawv kom puab tias cov kev kos duab thiab lwm yam kev kawm sib ze npaum licas. Hoob no muaj qhia ua ob ntus: Studio Work (practical) and Investigation Workbook (theoretical). IB Art HL yog ib hoob uas kawm tob dua hoob IB Art SL.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

IB Art SL1 — 20065

Department: Visual/Performing Arts
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob IB no yog tsim los kawm kom totaub thiab paub txog art hauv ntau haivneeg li keebkwm. Cov menyuam kawm ntawv yuav los nug txog cov lus nug uas hais tias leejtwg, dabtsi, thaum twg, qhov twg, thiab yog vim licas txog tej daim duab uas luag kos (art piece). Qhov no yuav ua rau lawv paub tseeb pom txog qhov tseemceeb ntawm cov duab (artworks) uas tibneeg kos hauv ntau haivneeg hauv tiam dhau los thiab tamsim no. Cov projects uas ua hauv hoob yuav muaj kev siv ntau yam duab (media), txujcia (techniques), thiab ntau txoj kev los pab cov menyuam kawm ntawv kom puab tias cov kev kos duab thiab lwm yam kev kawm sib ze npaum licas. Hoob no muaj qhia ua ob ntus: Studio Work (practical) and Investigation Workbook (theoretical). Yog tias tus xibfwb qhia ntawv thiab tus thawj saib kev kawm ntawv tsocai, ib tus menyuam yuav kawm tau kom tas hoob IB Art SL hauv ib lub xyoos thiab xeem tus Standard Level (SL) exam thaum lub Tsib Hlis.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

IB Art SL2 — 20066

Department: Visual/Performing Arts
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob IB no yog tsim los kawm kom totaub thiab paub txog art hauv ntau haivneeg li keebkwm. Cov menyuam kawm ntawv yuav los nug txog cov lus nug uas hais tias leejtwg, dabtsi, thaum twg, qhov twg, thiab yog vim licas txog tej daim duab uas luag kos (art piece). Qhov no yuav ua rau lawv paub tseeb pom txog qhov tseemceeb ntawm cov duab (artworks) uas tibneeg kos hauv ntau haivneeg hauv tiam dhau los thiab tamsim no. Cov projects uas ua hauv hoob yuav muaj kev siv ntau yam duab (media), txujcia (techniques), thiab ntau txoj kev los pab cov menyuam kawm ntawv kom puab tias cov kev kos duab thiab lwm yam kev kawm sib ze npaum licas. Hoob no muaj qhia ua ob ntus: Studio Work (practical) and Investigation Workbook (theoretical). Yog tias tus xibfwb qhia ntawv thiab tus thawj saib kev kawm ntawv tsocai, ib tus menyuam yuav kawm tau kom tas hoob IB Art SL hauv ib lub xyoos thiab xeem tus Standard Level (SL) exam thaum lub Tsib Hlis.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

IB Dance HL1 — 20071

Department: Visual/Performing Arts
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob kawm IB no yog ib hoob kawm tshwjxeeb heev kom paub txog yus tus kheej thiab lub ntiajteb. Nws yog ib qhov tseemceeb heev rau kev kawm txog artistic uas yog (txojkev xav, lub tswvyim rau kev tsim kom zoo nkauj), paub thiab fwm txog kev zoo nkauj uas muaj nyob rau lub ntiajteb, thiab kom paub txog lwm haivneeg kev coj noj coj ua, thiab kom paub tsim kev zoo nkauj los ntawm qhov uas siv lub cev los qhia txog tej yam. Nyob rau hauv kev uas seev cev, lub cev, lub hlwb thiab tus ntsujplig ua haujlwm uake pab tau tus neeg kom kawm tau thiab muab coj los siv tau rau nws lub neej. Kawm sis thooj tib yam li hoob IB, hoob seev cev Diploma Programme cov kev kawm no yog qhia txog tagnrho cov uas yuav tsum paub nyob rau kev seev cev thiab yuav los qhia ntxiv txog ntau hom kev seev cev, kev seev cev nyob rau lwm haivneeg—yav dhau los, lub sijhawam tamsim no, thiab rau yav tom ntej. Kev ua yeebyam, kev tsim kom zoo nkauj, thiab kev uas paub sojntsuam yog qhov uas yuav tsum the muaj thiab saib tseemceeb txawm hais tias cov tub kawm ntawv yuav npaj rau kev sau ntawv lossis tsim ib cov kev seev cev. Qhov kev kawm no pab cov tub kawm ntawv kom paub txog kev seev cev. Qhov no yuav qhia kom cov tub kawm ntawv yog leejtwg xav mus ua cov uas qhia seev cev, cov uas seev cev, cov ua yeebyam, cov xibfwb, cov tub lag luam, lossis lwm yam, cov uas nrhiav kev txaus siab rau lub neej los ntawm kev uas seev cev.
Cov ntaub ntawv uas siv: Tsi siv phau ntawv

IB Dance HL2 — 20072

Department: Visual/Performing Arts
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob kawm IB no yog ib hoob kawm tshwjxeeb heev kom paub txog yus tus kheej thiab lub ntiajteb. Nws yog ib qhov tseemceeb heev rau kev kawm txog artistic uas yog (txojkev xav, lub tswvyim rau kev tsim kom zoo nkauj), paub thiab fwm txog kev zoo nkauj uas muaj nyob rau lub ntiajteb, thiab kom paub txog lwm haivneeg kev coj noj coj ua, thiab kom paub tsim kev zoo nkauj los ntawm qhov uas siv lub cev los qhia txog tej yam. Nyob rau hauv kev uas seev cev, lub cev, lub hlwb thiab tus ntsujplig ua haujlwm uake pab tau tus neeg kom kawm tau thiab muab coj los siv tau rau nws lub neej. Kawm sis thooj tib yam li hoob IB, hoob seev cev Diploma Programme cov kev kawm no yog qhia txog tagnrho cov uas yuav tsum paub nyob rau kev seev cev thiab yuav los qhia ntxiv txog ntau hom kev seev cev, kev seev cev nyob rau lwm haivneeg—yav dhau los, lub sijhawam tamsim no, thiab rau yav tom ntej. Kev ua yeebyam, kev tsim kom zoo nkauj, thiab kev uas paub sojntsuam yog qhov uas yuav tsum the muaj thiab saib tseemceeb txawm hais tias cov tub kawm ntawv yuav npaj rau kev sau ntawv lossis tsim ib cov kev seev cev. Qhov kev kawm no pab cov tub kawm ntawv kom paub txog kev seev cev. Qhov no yuav qhia kom cov tub kawm ntawv yog leejtwg xav mus ua cov uas qhia seev cev, cov uas seev cev, cov ua yeebyam, cov xibfwb, cov tub lag luam, lossis lwm yam, cov uas nrhiav kev txaus siab rau lub neej los ntawm kev uas seev cev.
Cov ntaub ntawv uas siv: Tsi siv phau ntawv

IB Dance SL1 — 20069

Department: Visual/Performing Arts
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog ib hoob tshwjxeeb rau kev kawm ntxog yus tus kheej thiab lub ntiajteb. Nws yog ib qhov uas tseemceeb heev rau kev kawm kom paub txog artistic, kev zoo nkauj uas muaj nyob rau ntiajteb, kawm txog lwm haivneeg kev noj nyob thiab kom muaj kev qhia los ntawm kev uas siv yus lub cev los ua tej yam yeebyam. Nyob rau hauv kev seev cev, lub cev, lub hlwb, thiab tus ntsujplig pab tau tus neeg tug kom kawm tau cov kev txawj ntse uas siv tau rau kev lwm kev qhuab ntuas thaib rau lawv lub neej. Kawm sis thooj tibyam li ke kawm rau philosophy IB, lub program seev cev uas kawm yuav daim diploma yog yuav ua kom tagnrho kom paub txog kev seev cev thiab yuav kawm txog lwm haivneeg tej kev seev cev - yam dhau los, lub sijhawm tamsis sim no, thiab rau yav tom ntej. Kev ua yeebyam, lub tswvyim ua kom zoo, thiab kev ua paub sojntsuam yog qhov uas yuav tsum tau muaj thiab saib tseemceeb txawm hais tias cov tub kawm ntawv yuav sau ntawv lossis tsim/ cov kev seev cev. Qhov kev kawm no pab tau cov tub kawm ntawv kom paub txog kev seev cev. Kev kawm no npaj rau cov tub kawm ntawv cov uas yauv yog cov qhia kev seev cev, cov seev cev, cov ua yeebyam, cov xibfwb, cov tub lagluam, lossis lwm yam, cov uas nrhiav kev txaus siab rau lub neej los ntawm kev uas seev cev.
Cov ntaub ntawv uas siv: Tsi siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Dance SL2 — 20070

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog ib hoob tshwjxeeb rau kev kawm ntxog yus tus kheej thiab lub ntiajteb. Nws yog ib qhov uas tseemceeb heev rau kev kawm kom paub txog artistic, kev zoo nkauj uas muaj nyob rau ntiajteb, kawm txog lwm haivneeg kev noj nyob thiab kom muaj kev qhia los ntawm kev uas siv yus lub cev los ua tej yam yeebyam. Nyob rau hauv kev seev cev, lub cev, lub hlwb, thiab tus ntsujplig pab tau tus neeg tug kom kawm tau cov kev txawj ntse uas siv tau rau kev lwm kev qhuab ntuas thaib rau lawv lub neej. Kawm sis thooj tibyam li ke kawm rau philosophy IB, lub program seev cev uas kawm yuav daim diploma yog yuav ua kom tagnrho kom paub txog kev seev cev thiab yuav kawm txog lwm haivneeg tej kev seev cev - yam dhau los, lub sijhawm tamsis sim no, thiab rau yav tom ntej. Kev ua yeebyam, lub tswvyim ua kom zoo, thiab kev ua paub sojntsuam yog qhov uas yuav tsum tau muaj thiab saib tseemceeb txawm hais tias cov tub kawm ntawv yuav sau ntawv lossis tsim/ cov kev seev cev. Qhov kev kawm no pab tau cov tub kawm ntawv kom paub txog kev seev cev. Kev kawm no npaj rau cov tub kawm ntawv cov uas yauv yog cov qhia kev seev cev, cov seev cev, cov ua yeebyam, cov xibfwb, cov tub lagluam, lossis lwm yam, cov uas nrhiav kev txaus siab rau lub neej los ntawm kev uas seev cev.
Cov ntaub ntawv uas siv: Tsi siv phau ntawv

IB Music HL1 — 20063

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yog tsim los rau cov tub ntxhais kom muaj feem los mus tshawb nrhiav txog thiab txaus siab rau tej tim suab nkauj ntawm lwm haivneeg uas nyob thoob plaws ntiajteb los ntawm qhov uas cia lawv kawm kom paub, muaj lub peevxwm, thiab totaub los ntawm kev uas ntaus cov tim suab nkauj thiab kev sau nkauj. Cov tub ntxhais yuav tsum qhia tau hais tais lawv totaub txog music los ntawm qhov uas lawv ntaus cov tim suab nkauj, los ntawm kev uas siv cov lus siv rau cov tim suab nkauj thiab cov lus hais nyob rau thaum uas sojntsuam txog tej tim suab nkauj ntawm ntau haivneeg thiab nyob rau tej lub sijhawm, thiab los ntawm kev tshawb nrhiav txog tej tim suab nkauj los ntawm music theory, kom paub saib cov cim rau cov tim suab nkauj thiab cia li paub hu, sau nkauj, kawm txog keeb kwm, thiab haivneeg kev coj noj coj ua. Xav kom cov tub ntxhais yuav tsum xeem kom tiav rau 1B music thiab/ lossis AP music theory thaum lub Tsib hli. Hoob 1B Music HL kawm tob dua hoob 1B Music SL. Hoob yuav tsum tau kawm uantej yog: Introductory instruction in music, los ntawm kev ntiav kawm private) lossis twb kawm ntaus tim suab nkauj (band, orchestra, lossis hu nkauj nrog tej pab tibneeg).
Hoob yuav tsum tau kawm uake nrog rau yog: kawm nyob rau ib hoob siab performance ensemble ntawm LCHS. (Vocal Ensemble, Symphonic Band, kawm ib lossis ob yam tiamsis nyob ntawm tus xibfwb qhia ntawv pom zoo xwb)
Cov ntaub ntawv uas siv: Tonal Harmony, McGraw-Hill

IB Music HL2 — 20064

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob kawm no yog tsim los rau cov tub ntxhais kom muaj feem los mus tshawb nrhiav txog thiab txaus siab rau tej tim suab nkauj ntawm lwm haivneeg uas nyob thoob plaws ntiajteb los ntawm qhov uas cia lawv kawm kom paub, muaj lub peevxwm, thiab totaub los ntawm kev uas ntaus cov tim suab nkauj thiab kev sau nkauj. Cov tub ntxhais yuav tsum qhia tau hais tais lawv totaub txog music los ntawm qhov uas lawv ntaus cov tim suab nkauj, los ntawm kev uas siv cov lus siv rau cov tim suab nkauj thiab cov lus hais nyob rau thaum uas sojntsuam txog tej tim suab nkauj ntawm ntau haivneeg thiab nyob rau tej lub sijhawm, thiab los ntawm kev tshawb nrhiav txog tej tim suab nkauj los ntawm music theory, kom paub saib cov cim rau cov tim suab nkauj thiab cia li paub hu, sau nkauj, kawm txog keeb kwm, thiab haivneeg kev coj noj coj ua. Xav kom cov tub ntxhais yuav tsum xeem kom tiav rau 1B music thiab/ lossis AP music theory thaum lub Tsib hli. Hoob 1B Music HL kawm tob dua hoob 1B Music SL. Hoob yuav tsum tau kawm uantej yog: Introductory instruction in music, los ntawm kev ntiav kawm private) lossis twb kawm ntaus tim suab nkauj (band, orchestra, lossis hu nkauj nrog tej pab tibneeg).
Hoob yuav tsum tau kawm uake nrog rau yog: kawm nyob rau ib hoob siab performance ensemble ntawm LCHS. (Vocal Ensemble, Symphonic Band, kawm ib lossis ob yam tiamsis nyob ntawm tus xibfwb qhia ntawv pom zoo xwb)
Cov ntaub ntawv uas siv: Tonal Harmony, McGraw-Hill

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Music SL1 — 20061

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob IB no yog tsim los qhia kom cov menyuam kawm ntawv muaj sijhawm los kawm ntau hom suab pajnruag (music) uas muaj thoob ntiajteb kom lawv txawj los qoj thiab tshuab thiab totaub txog tej suab pajnruag no los ntawm kev tshuab thiab sau nws. Cov menyuam yuav tau qhia tias lawv totaub txog cov suab pajnruag no los ntawm kev qoj thiab tshuab, siv cov lus uas hais txog suab pajnruag los tshuaj cov suab pajnruag hauv ntau haivneeg thiab ntau tiam, thiab tshuaj cov suab pajnruag los ntawm kev siv cov qauv sau suab pajnruag, kev hu nkauj, sau nkauj, keebkwm, kev siv nkauj ntawm tej haivneeg. Cov menyuam yuav tau xeem kom dhau tus Music SL 1B music exam thaum lub Tsib Hlis. Yog tus xibfwb tsocai, tus menyuam kawm kom tas hoob IB Music SL tau hauv ib-xyoos thiab xeem tus Standard Level (SL) exam thaum lub Tsib Hlis.
Yam yuavtsum tau kawm uantej: Kawm kev pib qoj suab pajnruag ntawm ib tus xibfwb lossis hauv ib pab band, orchestra, hu nkauj dua los lawm. Yam yuavtsum tau kawm nrog uake: Nyob hauv ib pab Advanced Performance Ensemble. (Vocal Ensemble, Symphonic Band, lwm yam raws li tus xibfwb qhia hoob IB tsocai)
Cov ntaub ntawv uas siv: Tonal Harmony, McGraw-Hill

IB Music SL2 — 20062

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob IB no yog tsim los qhia kom cov menyuam kawm ntawv muaj sijhawm los kawm ntau hom suab pajnruag (music) uas muaj thoob ntiajteb kom lawv txawj los qoj thiab tshuab thiab totaub txog tej suab pajnruag no los ntawm kev tshuab thiab sau nws. Cov menyuam yuav tau qhia tias lawv totaub txog cov suab pajnruag no los ntawm kev qoj thiab tshuab, siv cov lus uas hais txog suab pajnruag los tshuaj cov suab pajnruag hauv ntau haivneeg thiab ntau tiam, thiab tshuaj cov suab pajnruag los ntawm kev siv cov qauv sau suab pajnruag, kev hu nkauj, sau nkauj, keebkwm, kev siv nkauj ntawm tej haivneeg. Cov menyuam yuav tau xeem kom dhau tus Music SL 1B music exam thaum lub Tsib Hlis. Yog tus xibfwb tsocai, tus menyuam kawm kom tas hoob IB Music SL tau hauv ib-xyoos thiab xeem tus Standard Level (SL) exam thaum lub Tsib Hlis.
Yam yuavtsum tau kawm uantej: Kawm kev pib qoj suab pajnruag ntawm ib tus xibfwb lossis hauv ib pab band, orchestra, hu nkauj dua los lawm. Yam yuavtsum tau kawm nrog uake: Nyob hauv ib pab Advanced Performance Ensemble. (Vocal Ensemble, Symphonic Band, lwm yam raws li tus xibfwb qhia hoob IB tsocai)
Cov ntaub ntawv uas siv: Tonal Harmony, McGraw-Hill

Intermediate Band Mini — 06800

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau Intermediate band kom muaj kev xyaum ua ntu zus thiab kom paub txog yam zoo nyob rau qhov program no mus kom tas xyoo. Kev kawm kom paub nkauj (music) zoo yog yuav tsum tau xyaum tsi pub qhaj lossis tu ncua thiab yuav tau xyaum nrog rau tej pab tibneeg txhua hnub. Cov tub ntxhais yuav kawm kom paub siv tej txujci tseemceeb rau kev ntaus tim suab nkauj. Nyob rau hoob no yuav kawm cov txujci kom paub nyeem music thiab dhau tau los ua ib tus uas paub music zoo. Hoob no rovqab kawm dua tau, tiamsis tsuas pub kawm txog 20 credits xwb.
Yam yuavtsum tau kawm uantej: Twb ntaus tim suab nkauj li 1-2 xyoo lawm thiab twb ntaus tim suab rau tus Thawj Coj Saib uantej lawm (audition)
Hoob uas yuav tsum tau kawm uake nrog: Kawm hoob Intermediate Band
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Introduction to Hip Hop Dance — 06469

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** None | **NCAA: No**

This course offers an introduction to hip-hop industry movement, technique, and choreography. Students develop beginning-level dance skills in various hip-hop movement styles including, but not limited to, breaking, jazz funk, groove, house, locking, old school, and popping. Students will gain an appreciation for hip-hop dance as an art form and develop foundational skills necessary to pursue a variety of careers in dance. This course includes the study of the history and evolution of hip-hop dance and the application of choreographic principles and elements. This course is intended for students who have not taken a dance class and/or are new to the genre of hip-hop. This course may be repeated for a maximum of 10 credits.
Pre-Requisite(s): None
Adopted Curricular: Discovering Dance
Hoob kawm no qhia txog kev seev cev rau (hip-hop), yuav qhia tej vibthis seev cev, thiab yuav seev cev ua tes taws licas nrog. Cov tub ntxhais yuav pib kawm tej txujci nyob rau ntau yam kev seev cev hip-hop uas muaj li no thiab tsi tas rau cov ntawm no xwb, breaking, jazz funk, groove, house, locking, old school, thiab popping. Cov tub ntxhais yuav txaus siab heev rau tej txujci tseemceeb uas lawv yuav tsum muaj no, yog xav ua cov haujlwm seev cev. Hoob kawm no yuav kawm txog tej keebkwm thiab kev hloov ua ntu zus nyob rau kev seev cev rau hip-hop thiab yuav kawm txog cov qauv thiab tej tseemceeb rau kev seev cev ua tes taw nrog. Hoob no yog rau cov tub ntxhais uas yeej tsi tau kawm seev cev dua li thiab kawm tshiab rau hip-hop.
Hoob no rov kawm tau dua tiamsim tsuas tau siab tshaj txog 10 credits lawm xwb.
Hoob yuav tsum tau kawm uantej: Tsi muaj
Cov ntaub ntawv siv los kawm: Discovering Dance

Introduction to Jazz Band Mini — 06807

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 5.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau hoob pib kawm ntaus tim suab (Jazz Band) kom yuav tsum tau xyaum ntaus tim suab ua ntu zus kom ntaus tau zoo nyob rau kev kawm hauv program lub xyoo ntawd. Kev ua ntaus tau tim suab zoo yuav tsum tau muaj kev xyaum uake nrog rau sawvdaws txhua hnub. Cov tub ntxhais yuav tsum tau xyaum kom muaj peevxwm ntaus tau cov tim suab nkauj zoo thiab paub siv tej txujci qhia. Cov txujci qhia kom paub nyeem music thiab kev ntaus tim suab tseem yuav kawm ntxiv. Hoob no rovqab kawm dua tau tiamsis tsuas tau 5 credits yam ntau kawg lawm xwb.
Qhov yuav tsum tau muaj uantej: Twb ntaus tej tim suab li 1-2 xyoos lawm thiab yuav tsum tau tuaj ntaus rau tus xibfwb saib uantej.
Yuav tsum tau kawm qhov no uake nrog: Yuav tsum tau kawm nyob rau hoob pib qhia rau Jazz Band qhov no raug samfwm kom yuav tsum tau kawm.
Cov ntaub ntawv siv los qhia: Tsi muaj

Introduction to Marching/Concert Band Mini — 06801

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau introduction to Marching/ Concert Band kom muaj kev xyaum ua ntu zus thiab kom paub txog yam zoo nyob rau qhov program no mus kom tas xyoo. Kev kawm kom paub nkauj (music) zoo yog yuav tsum tau xyaum tsi pub qhaj lossis tu ncua thiab yuav tau xyaum nrog rau tej pab tibneeg txhua hnub. Cov tub ntxhais yuav kawm kom paub siv tej txujci tseemceeb rau kev ntaus tim suab nkauj. Nyob rau hoob no yuav kawm cov txujci kom paub nyeem music thiab dhau tau los ua ib tus uas paub music zoo. Hoob no rovqab kawm dua tau, tiamsis tsuas pub kawm txog 20 credits xwb.
Qhov yuav tsum tau kawm uantej: Paub ntaus tim suab nkauj thiab twb ntaus rau tus Thawj Coj saib uantej lawm (audition)
Hoob uas yuav tsum tau kawm uake nrog: Kawm hoob Introduction to Marching/Concert Band
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Jazz Band Mini — 06808

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau hoob (Jazz Band) kom yuav tsum tau xyaum ntaus tim suab ua ntu zus kom ntaus tau zoo nyob rau kev kawm hauv program lub xyoo ntawd. Kev ua ntaus tau tim suab zoo yuav tsum tau muaj kev xyaum uake nrog rau sawvdaws txhua hnub. Cov tub ntxhais yuav tsum tau xyaum kom muaj peevxwm ntaus tau cov tim suab nkauj zoo thiab paub siv tej txujci qhia. Cov txujci qhia kom paub nyeem music thiab kev ntaus tim suab tseem yuav kawm ntxiv. Hoob no rovqab kawm dua tau tiamsis tsuas tau 20 credits yam ntau kawg lawm xwb.
Qhov yuav tsum tau muaj uantej: Twb ntaus tej tim suab li 1-3 xyoos lawm thiab yuav tsum tau tuaj ntaus rau tus xibfwb saib uantej. Yuav tsum tau kawm qhov no uake nrog: Yuav tsum tau kawm nyob rau Jazz Band qhov no raug samfwm kom yuav tsum tau kawm.
Cov ntaub ntawv siv los qhia: Tsi muaj

Jazz Dance I — 06471

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia txog keebkwm kev seevcev nrog jazz thiab cov qauv kev seevcev. Cov menyuam kawm ntawv yuav kawm tau cov lus uas siv rau hauv kev seevcev thiab tej hom kev seevcev nrog jazz. Nws yuav yog ib lub sijhawm rau cov menyuam kawm ntawv los ntxiv lawv txoj kev txawj, kawm txog thiab xyaum ua tej yam kev seevcev uas neeg tau ua ntau tiam dhau los, nws hom kev seevcev thiab cov kev hloov, nrog rau muaj sijhawm los qhia tej pab neeg seevcev thiab nrog lawv seevcev. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU.
Cov ntaub ntawv uas siv: Discovering Dance, Human Kinetics

Jazz Dance II — 06472

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav qhia txog cov kev txawj pesnrab lossis qibsiab los ntawm kev kawm txog cov kev hloov hauv cov kev Seevcev Nrog Jazz (Jazz Dance) hauv Amelikas: Tiam 1800's los txog tamsim no. Yuav muaj ib lub sijhawm rau cov menyuam kawm ntawv los seevcev thiab txhua tus menyuam kawm ntawv yuavtsum tau los seevcev. Cov menyuam kawm ntawv yuav muaj sijhawm los qhia tej pab neeg seevcev thiab los nrog lawv kawm. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav thiab. Hoob no suav tau ua ib hoob rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Jazz Dance I los xibfwb nquahu
Cov ntaub ntawv uas siv: Experiencing Dance, Human Kinetics

Jazz Dance III — 06473

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim rau cov tub ntxhais hluas uas kawm dhau hoob seev cev Jazz Dance II. Nws yuav qhia ntau me ntsis txog tej yam ntawm jazz cov kauj ruam, hom seev cev, thiab kev qhia seem cev nrog rau kev ua yeej yam ntawm sam thiaj. Cov tub ntxhais yuav tau kawm txog tej yam tob heev ntawm ib hom txuj ci seem cev (Horton, Dunham, Graham, thiab Giordano) thiab kev pab txhawb nqa kev seem cev Jazz Dance. Cov tub ntxhais hluas yuav tau hnav ris tsho costumes seem cev ua yeej yam. Yuav tsum koom nrog kev ua yeej yam term recital. Pub siv hoob no rau kev cai lav ntawv Visual thiab Performing Arts Graduation Requirement. Hoob no ua tau raws li UC thiab CSU qho kev cai Visual Performing Arts requirements lawm.
Hoob yuav tsum tau kawm ua ntej: Jazz Dance II thiab tau qhab nias C los siab dua
Cov ntaub ntawv uas siv: Tsis muaj

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Marching/Concert Band Mini — 06802

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 20.0**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no kawm luv luv thiab yog tsim los rau cov tub ntxhais uas twb kawm nyob rau introduction to Marching/ Concert Band kom muaj kev xyaum ua ntu zus thiab kom paub txog yam zoo nyob rau qhov program no mus kom tas xyoo. Kev kawm kom paub nkauj (music) zoo yog yuav tsum tau xyaum tsi pub qhaj lossis tu ncua thiab yuav tau xyaum nrog rau tej pab tibneeg txhua hnub. Cov tub ntxhais yuav kawm kom paub siv tej txujci tseemceeb rau kev ntaus tim suab nkauj. Nyob rau hoob no yuav kawm cov txujci kom paub nyeem music thiab dhau tau los ua ib tus uas paub music zoo. Hoob no rovqab kawm dua tau, tiamsis tsuas pub kawm txog 20 credits xwb.
Qhov yuav tsum tau kawm uantej: Paub ntaus tim suab nkauj thiab twb ntaus rau tus Thawj Coj saib uantej lawm (audition)
Hoob uas yuav tsum tau kawm uake nrog: Kawm hoob Marching/Concert Band
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Mixed Media — 06605

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia cov tub ntxhais hluas txog ntau hom khoom siv kos duab thiab pleev xim, nrog rau tej yam khoom uas niam qhuav ua tshiab/muaj ntau heev, cov tub/ntxhais yuav tau cev tes ua ntau yam num uas siv ntau yam khoom. Cov num no tej zaum muaj siv cov khoom art uas loj thiab dav li ob peb theem. Cov projects yuav tau siv keeb elements thiab kev cai tsim tus qauv. Plaub yam uas tseem ceeb heev ntawm kev tsim art hauv hoob: kev pom tej yam dav thiab zoo, kev qhia tau txoj kev xav, muaj keeb kwm thiab kev lig kev cai, tsis tas li, muaj kev ntsig txog tej yam zoo nkauj. Hoob no ua tau raws li kev cai lav ntawv thiab cuag tau UC thiab CSU Visual thiab Performing Arts requirement lawm.
Cov ntaub ntawv uas div: Tsis muaj

Music Appreciation — 06314

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 5.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia txog ntau hom kev ntaus nkauj. Nws qhia txog cov kev ntaus nkauj (musical elements), cov khoom cim suab nkauj (instrumentation), hom (form), thiab cov suab sib txawv uas luag siv los ntaus nkauj niajhnub nimno. Yuav kawm txog cov suab nkauj tiam Renaissance, Baroque, Classical, Romantic, thiab 20th Century. Jazz, rock, thiab lwm hom suab nkauj uas neeg siv tiam no. Yuav muaj kev nloog, xav txog thiab totaub txog cov suab ntaus nkauj. Hoob no suav tau ua ib feem ntawm hoob Visual thiab Performing Arts hauv kev kawm kom tiav.
Cov ntaub ntawv uas siv: Enjoyment of Music, W.W. Norton

Photography I — 06210

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia keebkwm hauv kev thaij duab photography, qauv ke thaij duab, cov koob thaij duab; pinhole, simple, thiab single lens reflex, tej hom film, kev ntxuav duab xim dab thiab dawb nkaus xwb, composition, duab tso xyuas thiab thaij duab luam tawm; thaj tibneeg, duab uasi (action), thaij ze thiab nyob twbywm, siv cov lithographic films rau graphic arts, luam cov duab los lo rau neeg xyuas, thiab subject treatment. Yuav muaj kev kawm txog ntau yam kev ua hvu lab thiab cov kev siv cov chemical kom cobphum. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Cov ntaub ntawv uas siv: Focus on Photography, 2nd Edition, Davis Publications

Photography II 06220

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog tsim los qhia txuas ntxiv cov uas kawm tas los lawm txog kev tsom thiab thaij (composing and shooting), kev ntxuav thiab luam duab, los thiab npaj los rau neeg xyuas. Hoob Photography II yog qhia txuas ntxiv cov uas lawm tas lawm hauv hoob Photography I. Lawv yuav kawm txog ib cov kev ntxuav duab tshiab hauv lab thiab coj los siv. Lawm yuav kawm txog kev siv ntau hom lenses xwsli micro, zoom thiab telephoto. Lawv yuav kawm txog cov kws thaij duab yav tas los thiab tamsim no thiab qhov uas lawv tau hoob txoj kev thaij duab (art of photography). Lawv yuav los kawm txog thiab siv cov kev thaij xwsli texture screens, combination printing, polarizations, high contrast printing, toning, hand coloring vignetting, thiab tswj kev uazog. Peb nquahu kom cov menyuam kawm ntawv coj lawv tej duab uas thaij tau los mus nrog luag sib tw saib leejtwg lthaij tau zoo dua thiab coj mus teeb rau neeg tuaj xyuas. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Yam yuavtsum tau kawm uantej: Kawm tas Photography I thiab tau qhab-nees C los siab dua, thiab/los xibfwb xa mus
Cov ntaub ntawv uas siv: Photography, 12th Edition, Pearson

Photography II Honors 06225

Department: Visual/Performing Arts
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob kawm no yog rau cov tub ntxhais uas twb kawm keej rau kev thaij duab thiab xav tsim ib qhov portfolio txog nws tus kheej tej uas nws tau thaij los ntawm kev siv lub koob thaij duab li ib txwm ua thiab siv digital los thaij duab. Hoob kawm no tshwjxeeb yog phim rau cov tub ntxhais uas xav kawm mus rau AP Studio Art: 2-D Design with a photography emphasis. Hoob kawm no muaj nyob rau hauv aesthetics, art criticism, art history, thiab studio production. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Cov tub ntxhais yuav ua lawv tes haujlwm los ntawm kev uas qhia txog qhov style thiab seb qhov artistic no hloov licas los ntawm kev tshawb nrhiav thiab sojtnsuam txog tus uas thaij duab ntawd tes haujlwm nrog rau tej uas tseemceeb thiab tus qauv uas nws tau tsim.
Hoob yuav tsum tau kawm uantej: Photography I

Cov ntaub ntawv siv los kawm: Photography, 12th Edition, Pearson Education, Inc.

Photography III 06230

Department: Visual/Performing Arts
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts
UC/CSU: Visual/Performing Arts (f) **NCAA: No**

Hoob no yog kawm txuas ntxiv tej uas kawm tau hauv hoob Photography I thiab II. Yuav qhia kom txawj xyaum yus tuskheej thaj. Txhua tus menyuam kawm ntawv yuav tau npaj ib phau duab ua muaj I0 daim duab uas ib daim luam ob daig txhua lub semester. Cov menyuam kawm ntawv yuav los kawm tob txog cov kws thaij duab Amelikas uas thaij tau zoo thiab lawv cov duab thiab xyaum siv lawv cov kev thaij duab. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Yam yuavtsum tau kawm uantej: Kawm tas Photography I, II thiab tau qhab-nees C los siab dua, thiab/los xibfwb xa mus
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

Photography IV — 06240

Department: Visual/Performing Arts | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yuav muab sijhawm rau cov menyuam kawm ntawv los ua haujlwm nrog thaij duab mus kev (films), thawb films, xyaum siv cov kev thaij tshiab, mus ua cov haujlwm photojournalism thiab art hauv zejzos thiab hauv tsev kawm ntawv. Lawv yuav niajhnub kawm thiab paub ntxiv txog Fine Arts, Hoob kawm thaij duab, nrog kev tsom thiab thaij kom tau zoo. Cov menyuam kawm ntawv yuav npaj ib phau duab uas thaij tau zoo mus thov yuav credit rau qibsiab thiab cov mus teeb rau neeg xyuas thiab kev sibtw. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Yam yuavtsum tau kawm uantej: Kawm tas Hoob kawm thaij duab I, II, III thiab tau qhab-nees C los siab dua, thiab xibfwb xa mus. (nqa cov duab thaij tau nrog mus yog xibfwb xa mus.)
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Piano Lab — 06313

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia txog kev nyeem cov cim suab (note) thiab kev nrawm hauv tej zaj nkauj rau tus piano keyboard. Cov menyuam kawm ntawv yuav los xyaum ntaus ntawm tuskheej. Cov units hauv hoob no yuav qhia txog music theory thiab keevkwm ntaus suab nkauj. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. Siv tau cov credits ua ib hoob Visual thiab Performing Arts rau kev kawm ntawv tiav. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Alfred's Basic Adult Piano: Lesson 1

Piano Survey — 06804

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 2.5** | **Max Credits: 2.5**
Graduation Requirement: Electives | **UC/CSU:** None | **NCAA: No**

Hoob no kawm luv luv thiab yog tsim los qhia cov cim suab (note) thiab kom paub nyeem rhythm (caas vaj) rau kev ntaus piano keyboard. Cov txujci uas kawm tau hauv hoob music no yeej muab hloov lossis siv tau mus rau lwm hoob kawm music thiab. Cov tub ntxhais nyias yuav xyaum ntaus nyias lub thiab yuav tsum tau los ntaus rau sawvdaws hauv hoob saib txog tej txujci uas lawv kawm tau. Nyob rau hoob no yuav kawm cov txujci kom paub nyeem music thiaj dhau tau los ua ib tus uas paub music zoo. Hoob no rovqab kawm dua tau, tiamsis tsuas pub kawm txog 10 credits xwb.
Hoob no ncav tsi cuag li qhov yuav tsum tau kawm kom tiav rau VAPA rau kev kawm ntawv tiav
Cov ntaub ntawv uas siv: Alfred's Basic Adult Piano: Lesson 1

Stained Glass — 06606

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no qhia cov tub ntxhais hluas txog tej yam txuj ci yooj yim thiab nyuaj ntawm kev tsuas xim rau iav (stained glass). Hauv hoob yooj yim, cov tub/ntxhais yuav kawm siv hlua tooj (copper foil) nrog rau lub tswv yim hloov hom iav (leaded glass) los tsim ua ib cov projects. Tej projects no yuav muaj cov yooj yim xws li tsuas xim rau ib daim txiag panel mus rau cov uas siv tswv yim tsim xws li cov iav tau hloov mus ua tej yam uas yooj yim kho kom zoo nkauj. Hauv hoob nyuaj, cov tub/nxhais yuav kawm tsim tej txiag panels uas ruaj heev. Hauv ob hoob tib si, cov tub/ntxhais yuav tau kawm txog keeb kwm ntawm txuj ci tsuas xim rau iav, pib thaum lub 11th century los txog ntua lub sijhawm Meskas tej txuj ci uas iav nyob rau lub 20th century. Pub kawm hoob no ntxiv kom tau credit tshiab. Hoob no ua tau raws li kev cai lav ntawv thiab cuag tau UC thiab CSU Visual thiab Performing Arts requirement lawm.
Cov ntaub ntawv uas div: Tsis siv phau ntawv

Theatre I 06410

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no yog tsim los qhia cov menyuam kawm ntawv mentsis txog kev ua Yeebyam (Theatre). Lub samthiaj, kev npuaj-tes, rub daim ntaub thaiv...leejtwg yuav paub tias muaj dabtsi ntxiv thiab? Tej zaum peb yuav pom koj lub npe sau ua teeb ci nra-iab! Hoob no yuav qhia txog kev uasi thiab xyaum txog Yeebyam, seevcev txog ib zaj yeebyam thiab kev yoj lub cev, ua txuas lwm tus ntxiv mus (improvisation), nyeem ntawv txog cov kev ua yeebyam, thiab ua yeebyam txog ib yam uas tshwmsim. Hoob no suav tau ua ib feem Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob rau kev nkag mus kawm UC thiab CSU.
Cov ntaub ntawv uas siv: Basic Drama Projects, Perfection Learning

Theatre II 06420

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no yog tsim los qhia ntxiv rau cov menyuam kawm ntawv uas twb kawm tas hoob Theatre I lawm lossis cov uas twb ua dua Theatre lawm. Hoob no yuav kawm ntxiv txog thiab txhinkho cov kev ua yeebyam uas kawm tauhauv hoob Theatre I thiab yuav los kawm txog kev ua tej qhov yeebyam thiab ua cov yeebyam luv luv (one-act plays). Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: kawm dhau Theatre I (I0 credit High School course) los xibfwb tsocai
Cov ntaub ntawv uas siv: Drama for Reading & Performance, Perfection Learning

Theatre III 06430

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no yog ib hoob qibsiab rau cov menyuam kawm ntawv uas twb paub thiab muaj dua kev kawm Theatre los lawm. Cov menyuam kawm ntawv yuav los ua Yeebyam nyeem ntawv (readers' Theatre), Yeebyam menyuam yaus (children's Theatre), thiab ua yeebyam txog ntau hom thiab ntau tiam neeg. Dua li, cov menyuam kawm ntawv yuavtsum tau mus xyuas ib txoj kev ua Yeebyam hauv zejzos thiab muab cov lus txhimkho (critique) rau lawv. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob rau kev nkag mus kawm UC thiab CSU.
Yam yuavtsum tau kawm uantej: Kawm tiav hoob Theatre I (10 credit High School course) thiab Theatre II; thiab yuav tau rau lawv saib
Cov ntaub ntawv uas siv: The Essential Theatre, Harcourt Brace

Theatre, Advanced 06434

Department: Visual/Performing Arts **Grade Level:** 10-12 **Credits: 10.0** **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no yog ib hoob uas ua los rau neeg xyuas NKAUS XWB thiab yog tsim los rau cov menyuam uas rau siab thiab mob siab rau kev ua Yeebyam. Nws yog ib hoob uas ua yeebyam nkaus xwb, uas cov menyuam kawm ntawv yog cov xaiv tej zaj dabneeg thiab qhia tibneeg los xyaum ua. Hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob rau kev nkag mus kawm UC thiab CSU. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 30 credits xwb tsi tshaj ntawd
Yam yuavtsum tau kawm uantej: Ua rau tus xibfwb saib uantej
Cov ntaub ntawv uas siv: Introduction to Theatre & Drama, NTC

Theatre, Advanced Honors — 06435

Department: Visual/Performing Arts | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsim los qhia kom zoo xws li hoob Advanced Theatre tiam sis, muaj nyeem thiab sau ntawv ntau dua, thiab yuav tau ua ib cov enrichment projects. Hoob no ua tau raws li UC thiab CSU Visual thiab Performing Arts kev cai txais kawm, tsis tas li ntawv, tej zaum yuav pub rov qab kawm ntxiv kom tau credit tshiab. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd. EGUSD hoob kawm siab (honors) no tsi raug lees paub los ntawm UC/CSU. Nws tsuas yog kawm tau EGUSD GPA xwb, nws kawm tsi tau GPA mus rau UC/CSU.
Hoob kawm ua ntej mam kawm tau lwm hoob: Cuv npe kawm, tw xeem, kawm tau tus qhab nee C los yog zoo dua hauv hoob Advanced Theatre lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Acting with Style, Glencoe

Theatre, Children's — 06450

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 5.0** | **Max Credits: 40.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tsim rau cov tub ntxhais hluas uas nyiam ua kev yeeb yam menyuam roj hmab (puppetry) nrog rau lwm yam yeeb yam rau menyuam yaus. Tej tub/ntxhais yuav tsum npaj ib cov yeeb yam pub rau cov menyuam yaus uas muaj hnub nyoog kawm ntawv elementary. Yuav tau sau cov lus ntawm zaj dab neeg, tsim cov menyuam roj hmab, thiab ua yeeb yam. Hoob no ua tau raws li UC thiab CSU Visual thiab Performing Arts kev cai txais kawm lawm thiab yuav pub kawm hoob no ntxiv kom tau credit lav ntawv. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 40 credits xwb tsi tshaj ntawd.
Cov ntaub ntawv uas siv: Theatre Acts - Dynamics of Acting, NTC

Theatre, Children's Advanced — 06455

Department: Visual/Performing Arts | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 30.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no tshawb txog tej yam zoo xws li hoob Children's Theatre; tiam sis, cov tub ntxhais hluas yuav tsum tau koom tes pab tsim thiab ua yeeb yam hauv menyuam yaus ib qho show pub rau cov menyuam uas kawm elementary hauv Elk Grove District saib. Hoob no ua tau raws li Visual thiab Performing Arts kev cai lav ntawv lawm thiab pub kawm hoob no ntxiv kom tau credit tshiab. Hoob no ua tau raws li CSU thiab UC Visual thiab Performing Arts kev cai txais kawm lawm. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 30 credits xwb tsi tshaj ntawd
Hoob kawm ua ntej mam kawm tau lwm hoob: Cuv npe kawm, tw xeem, kawm hoob Theatre I los yog Children's Theatre
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Three Dimensional Art — 06609

Department: Visual/Performing Arts | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts | **UC/CSU:** Visual/Performing Arts (f) | **NCAA: No**

Hoob no yog tsim los qhia txog art ua 3-D. Cov menyuam kawm ntawv yuav kawm txog cov qauv hauv ntawm tej tus yamntxwv (sculpture) thiab cov npaum nyiaj (jewelry) thiab yuav tobtaub txog cov qauv kev ua art. Cov menyuam kawm ntawv yuav los kawm txog ntau yam khoom uas luag siv coj los ua xwsli: tawv tsiaj, ntoo, iav, pobze xabnpus, hmoov sib (plaster), av, hlau, thiab yas. Hoob no yog ib hoob lab/shop rau cov menyuam los koom nrog lwm ua cov 3-D art. Yuavtsum tau muaj kev koomtes nrog thiab ua kom tej uas luag muab rau tiav. Hoob no suav tau ua ib hoob rau kev kawm kom tiav thiab ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm CSU thiab UC.
Cov ntaub ntawv uas siv: Discovering Art History, Davis

Vocal Ensemble 06354

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 20.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no cia ib pab menyuam coob coob los hu nkauj uake thiab pom tau tias lawv yog cov uas muaj peevxwm los hu nkauj tau ntawm tuskheej lossis nrog pab concert choir hu nkuaj uake. Cov menyuam kawm ntawv yuav xyaum thiab kho lawv tuskheej kom txawj siv lub suab uas tsimnyog los hu cov suab nkauj ua ntau hom suab xwsli cov nkauj qub qub (classical) nkauj sib hlub (romantic), nkauj tiam no (twentieth-century), thiab jazz. Yuav kawm txog kev nyeem cov cim suab nkauj thiab hu li yus pom luag hu ntxiv. Rov kawm dua hoob no yuav credit tau thiab suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no rov kawm dua yuav qhabnees tau tiamsis tsuas tau 20 credits xwb tsi tshaj ntawd.
Yam yuavtsum tau kawm uantej: Kawm ib semester rau high school choral experience thiab ua rau tus director saib uantej tso
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Vocal Ensemble Mini 06803

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 2.5** **Max Credits: 20.0**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob kawm luv luv no yog tsim los rau cov tub ntxhais uas twb kawm nyob rau Vocal Ensemble kom muaj kev xyaum ntxiv ua ntu zus nyob rau lub xyoo ntawd. Kev kawm kom paub nkauj (musici) zoo yog yuav tsum tau xyaum tsi pub qhaj lossis tu ncua thiab yuav tau xyaum nrog rau tej pab tibneeg txhua hnub. Cov tub ntxhais yuav kawm ua ntu zus kom lawv paub tej txujci rau nkauj (music). Nyob rau hoob no yuav kawm cov txujci kom paub nyeem music thiab dhau tau los ua ib tus uas paub music zoo. Hoob no rovqab kawm dua tau, tiamsis tsuas pub kawm txog 20 credits xwb.
Qhov uas yuav tsum tau kawm uantej: Kom paub hu nkauj, twb hu nkauj dua lawm, thiaj twb mus hu nkauj rau tus thawj coj saib uantej lawm (audition)
Hoob uas yuav tsum tau kawm uake nrog: Kawm hoob Vocal Ensemble
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Vocal Ensemble, Introduction to 06353

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Visual/Performing Arts **UC/CSU:** Visual/Performing Arts (f) **NCAA: No**

Hoob no yog tsim los qhia cov menyuam kawm ntawv txog kev kawm los hu cov suab nkauj uake. Nws yog thawj hoob rau cov menyuam kawm ntawv uas kawm hoob Vocal Ensemble. Yuav qhia ntau txog kev kawm, xyaum hu thiab hu kom tau suab uake zoo ua ntau hom suab nkauj. Cov menyuam kawm ntawv yuav xyaum cov kev hu nkauj xwsli xyaum ua lub suab tawm tuaj, xyaum sawv ntseg, xyaum ua pa, thiab xyaum hu uake. Yuav kawm tau kev mloog tau lwm tus lub suab hu nkauj. Yuav kawm txog kev nyeem cov cim suab nkauj thiab hu li yus pom luag hu. Koj yuavtsum tau mus koom kev hu nkauj rau lwm tus mloog. Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Vocal Survey 06805

Department: Visual/Performing Arts **Grade Level:** 09-12 **Credits: 2.5** **Max Credits: 2.5**
Graduation Requirement: Electives **UC/CSU:** None **NCAA: No**

Hoob no kawm luv luv thiab yog tsim los qhia cov cim suab (note) thiab kom paub nyeem rhythm (caas vaj) nrog rau tej txujci rau kev hu nkauj xws li yuav tsum tau ua pa licas, sawv licas, hu nkauj kom meej licas, muab ob peb lub suab sis ntxiv licas, thiab yuav hu licas lub suab thiaj tawm zoo. Cov txujci uas kawm tau hauv hoob music no yeej muab hloov lossis siv tau mus rau lwm hoob kawm music thiab. Nyob rau hoob no yuav kawm cov txujci kom paub nyeem music thiaj dhau tau los ua ib tus uas paub music zoo. Hoob no rovqab kawm dua tau, tiamsis tsuas pub kawm txog 10 credits xwb. Hoob no ncav tsi cuag li qhov yuav tsum tau kawm kom tiav rau VAPA rau kev kawm ntawv tiav.
Cov ntaub ntawv uas siv: Tsis siv phau ntawv.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course
Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

World Language

American Sign Language I — 05400

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: No**

Nyob rau hauv hoob kawm no, cov tub ntxhais yuav kawm lus los ntawm kev uas saib (seb totaub licas) thiab kev uas teb rovqab (kev hais lus). Cov tub ntxhais yuav kawm lus los ntawm kev uas saib thiab teb rovqab ASL. Cov tub ntxhais yuav kawm piav tes los ntawm kev uas mloog thiab piav tes txog lawv tus kheej, txog tej phoojywg, tsevneeg, lub zej zos, tej uas lawv nyiam thiab tsi nyiam, thiab tej uas lawv ua txhua hnub. Nyob hauv hoob no yuav siv yam lus uas yuav kawm ntawd los qhia thiab yuav qhia cov tub ntxhais txog lub neej kev noj nyob ntawm cov uas Lagntseg hauv lub zej zos kom lawv yuav paub txuas lus zoo txog tej lub ntsiab lus nyob rau qib I.
Cov ntaub ntawv siv los kawm: Signing Naturally, DawnSignPress

American Sign Language II — 05401

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: No**

Hoob kawm no, cov tub ntxhais yuav kawm piav tes los ntawm qhov uas saib (receptive skills) kev uas nws txais tau lossis totaub licas thiab paub teb lossis piav rovqab (expressive skills), yuav kawm kom paub ntxiv rau tej uas lawv twb kawm nyob rau hoob ASL I lawm. Cov tub ntxhais yuav kawm siv piav tes los ntawm ob qhov tibsi (receptive) thiab (expressive) nyob rau hauv ASL. Cov tub ntxhais yuav kawm ua ntu zus txog kev piav tes txog lawv tus kheej thiab lwm tus, kev uas lawv thov tuaj, kev uas piav txog tej lawv xav, thiab kev ua piav txog tej zaj dabneeg. Hoob kawm no yuav qhia los ntawm kev piav tes thiab yuav qhia cov tub ntxhais txog Deaf Culture (Tej uas siv lossis muaj rau cov lag ntsheg tsi hnov lus) thiab Deaf Community (Tej uas muaj hauv lub zej zos los pab rau cov uas kev lag ntseg) kom yuav pab tau lawv kev piav tes sis txuas lus kom thwj tsimnyog thiab zoo txog ntau yam ntsiab lus nyob rau hauv theem II.

Hoob yuav tau kawm uantej: American Sign Language I
Cov ntaub ntawv siv los kawm: Signing Naturally Student Workbook, Units 7-12; Copyright 2014, Dawn Sign Press

American Sign Language III — 05402

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: No**

Hoob kawm no, cov tub ntxhais yuav kawm lus(piav tes) los ntawm kev uas saib seb totaub licas (receptive skills) thiab kev uas hais (expressive skills). Kom lawv yuav paub piav tes nyob rau hauv American Sign Language II. Cov tub ntxhais yuav kawm piav tes los ntawm ob qhov tibsi, tsi hais kev totaub thiab kev piav tes ASL. Cov tub ntxhais yuav kawm piav tes txog lawv tus kheej rau lwm tus, thov ib yam dabtsi, qhia txog lawv kev xav, thiab qhia txog tej zaj dabneeg. Nyob rau cov kev kawm ua ntu zus uantej ntawd nws qhia txog tej tswvyim txog tibneeg, tej chaws, thiab tej uas nyob ntawm ib ncig, Level III nqua hu kom cov tub ntxhais muaj kev sis tham txog tibneeg thiab tej chaw sab nraud lub hoob kawm, ie xws li tom tsev lossis lwm lub tebchaws. Hoob kawm no yuav siv yam lus (piav tes) uas kawm ntawd thiab yuav qhia kom cov tub ntxhais paub txog cov tibneeg uas lag ntsheg tsi hnov lawv kev coj noj coj ua hauv lub zej zos thiab kom muaj kev sis txuas lus zoo nrog lawv rau qhov uas tsimnyog.
Hoob uas yuav tsum tau kawm uantej: American Sign Language II thiab tau tus C lossis zoo dua
Cov ntaub ntawv siv los kawm: Signing Naturally, Level 2, DawnSignPress, Copyright 1992

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

AP French Language and Culture — 05150

Department: World Language
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob no yuav kawm txog kev sis txuas lus, kom muaj kev totaub, paub hais lus, paub nyeem ntawv, thiab paub sau ntawv Fabkis. Yuav kawm grammar nrog rau lawv kev coj noj coj ua thiab. Lub homphiaj rau hoob no yog kom cov tub ntxhais paub lus paub ntawv zoo. Hoob kawm no qhia uas lus Fabkis xwb. Homework yeej muaj ua txhua hnub. Thaum kawm tiav hoob no lawm, cov tub ntxhais yuav muaj xeem rau AP Fabkis uas tej zaum yuav qualify lawv rau cov credits pem college. Kev uas yuav muab cov tub ntxhais tso tau kawm hoob no yuav tsum tau ua xws li sau ib daim ntawv qhia txog lub homphiaj vim licas thiaj kawm, muab ib cov ntawv uas nws twb sau lawm ua yam lus kawm tuaj rau lawv saib, tau niamtxiv kev tso cai kawm, muaj daim application, nrog rau kev qhia hais tias tus tub ntxhais/niamtxiv tuaj koom rau kev sablaj.
Hoob yuav tsum tau kawm uantej: French III thiab tau tus C lossis zoo dua

Cov ntaub ntawv siv los kawm: Imaginez, 4th Edition, Copyright 2020, Vista Higher Learning; AP French Language and Culture Exam Preparation, Copyright 2021, Vista Higher Learning

AP Japanese Language and Culture — 05350

Department: World Language
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob kawm no yuav tshawb nrhiav txog ntau yam kom tus tub ntxhais yuav paub lus thiab paub ntawv Japanese, thooj txhim tib lub sijhawm uas lawv kawm siv lus, sis txuas lus, kom paub txog lawv kev coj noj coj ua thiab kom hais lus thwj grammar. Hoob kawm AP rau Japanese no yeej sis npaug li 300 xamoos uas kawm nyob rau qib college. Thaum kawm tiav hoob no lawm, cov tub ntxhais yuav muaj xeem rau AP Japanese uas tej zaum yuav qualify lawv rau cov credits pem college.
Hoob yuav tsum tau kawm uantej: Japanese III lossis IV thiab yuav tsum tau tus C lossis zoo dua

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AP Spanish Language and Culture — 05046

Department: World Language
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob kawm no yuav kawm txog tej txujci rau kev sis txuas lus kom totaub, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv uas lus Mev. Kev kawm txog grammar yuav kawm uake nrog rau kev kawm txog kev coj noj coj ua thiab saib txog cov phau ntawv sau (literature).
Lub homphiaj rau hoob kawm no yog kom paub lus Mev zoo thiab hoob no yuav kawm ua lub Mev xwb. Yuav muaj homework uas txhua hnub. Thaum uas kawm tiav, cov tub ntxhais yuav los xeem tau rau AP rau lus mev uas tej zaum yuav tau ib cov qhabnees rau college credit.
Hoob yuav tau kawm uantej: Spanish III thiab yuav tsum tau tus qhabnees C lossis zoo dua

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AP Spanish Literature and Culture — 05045

Department: World Language
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob kawm no yog tsim los rau cov tub ntxhais uas xav kawm kom paub nyeem tej ntaub ntawv Mev zoo: Peninsular and Latin American authors. Cov ntaub ntawv yuav nyeem yog hais txog Medieval, Golden Age, Nineteenth, thiab Twentieth Century literature. Interpretive essays yog sau ua lus Mev nrog rau kev sojntsuam txog tej lus pajhuam, tej dabneeg luv luv, thiab tej novels.
Hoob yuav tau kawm uantej: AP Spanish Language and Culture thiab tau tus qhabnees C lossis zoo dua

Cov ntaub ntawv siv los kawm: Abriendo Puertas: Azulejo, Second Edition; Copyright 2012, Wayside Publishing

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

French I — 05110

Department: World Language
Grade Level: 07-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language I
UC/CSU: World Language I (e) **NCAA: Yes**

Hoob no hais ntau txog kev sibtham/txuas lus xws li kev hais lus, nyeem ntawv, sau ntawv, nrog rau kev nkag siab ntawv Fab Kis thiab nws cov lus hais. Cov tub ntxhais hluas yuav tau kawm txog cov tebchaws thiab tej kev lig kev cai uas siv lus Fab Kis, yuav tau muab nws sib piv thiab txuas rau tus tub/ntxhais hom lus hais thiab kev lig kev cai tib si. Hoob no feem ntau siv lus Fab Kis qhia xwb. Muaj ua homework txhua hnub. Hoob kawm no ua tau raws li lub tuam tsev district qhov kev cai lav ntawv (World Language graduation requirement) lawm.

Cov ntaub ntawv uas siv: EntreCultures 1 Francais, Copyright 2020, Wayside Publishing

French II — 05120

Department: World Language
Grade Level: 08-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob no tsim los pab txhawb nce kev nkag siab, qhia tawm, nyeem ntawv, thiab sau ntawv Fab Kis. Cov tub ntxhais kawm ntawv yuav tau xyaum txuas lus, tham lus rau hoob kawm, thiab koom ua cov haujlwm nyob hauv ib pab pawg twg. Hoob French II feem ntau yog siv lus Fab Kis los qhia ntawv xwb. Yuav kawm Fab Kis kev lig kev cai ntxiv. Muaj ua homework txhua hnub. Hoob kawm no ua tau raws li lub tuam tsev district qhov kev cai lav ntawv (World Language graduation requirement) lawm.
Hoob kawm ua ntej mam kawm tau lwm hoob: Fab Kis Kuv nrog tus qhab nia C los siab dua los tus xibfwb tsocai

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French III — 05130

Department: World Language
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob kawm no yog kawm txog kev sis txuas lus ua lus Fabkis los ntawm kev kawm txog tej keebkwm, lawv kev coj noj coj ua thiab tej ntaub ntawv sau. Lub homphiaj ntawm hoob no yog kom paub sau ntawv thiab paub nyeem ntawv Fabkis. Hoob no yuav qhia ua lus Fabkis xwb. Homework yeej muaj ua txhua hnub.
Hoob yuav tsum tau kawm uantej: French II thiab tau tus C lossis zoo dua

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French IV — 05140

Department: World Language
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob no yuav kawm txog kev sis txuas lus, kom muaj kev totaub,
paub hais lus, paub nyeem ntawv, thiab paub sau ntawv Fabkis. Lub homphiaj yog kom cov tub ntxhais yuav paub ntawv paub lus Fabkis zoo. Yuav kawm grammar nrog rau kev kawm txog kev coj noj coj ua thiab yuav los saib txog tej ntaub ntawv sau. Hoob kawm no yog qhia ua lus Fabkis xwb. Homework yeej muaj ua txhua hnub.
Hoob yuav tsum tau kawm uantej: French III thiab tau tus C lossis zoo dua

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

French IV Honors — 05141

Department: World Language
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob no tsom txog Fab Kis cov ntaub ntawv tibneeg sau tseg (literature). Lub hom phiaj ntawm hoob no yog kawm kom txawj hais lus Fab Kis zoo. Cov tub/ntxhais yuav tau koom tes mus tshawb nrhiav thiab nyeem tej daim xovxwm luam tawm raws li kev kawm. Yuav tau nyeem thiab tham txog tej kab lus hauv cov ntaub ntawv sau tseg nrog rau ob phau ntawv yuav tau nyeem. Yuav siabxyuas thiab xeem txog txoj cai siv lus. Yuav tau ua ib qho cultural project thiab. Hoob no siv lus Fab Kis los qhia ntawv tag nrho. Muaj ua homework txhua hnub. EGUSD hoob kawm siab (honors) no yeej raug lees paub los ntawm UC/CSU thiab yeej kawm tau GPA mus rau ob qhov tibsi EGUSD thiab UC/CSU.
Hoob kawm ua ntej mam kawm tau lwm hoob: Fab Kis III nrog tus qhab nia C los siab dua los tus xibfwb tsocai

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IB French B SL1 — 20051

Department: World Language
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob IB no yuav npaj cov menyuam kom los xav txog, sau, thiab hais lus rau ntau pab tibneeg. Cov menyuam yuav nyeem ntau yam ntawv li ntau tus tibneeg hauv ntiajteb pom. Lawv yuav los kawm txog ntau lub suab (accents) thiab cov kev xav hauv lub Francophone world. Los ntawm kev tshuaj txog cov kev coj noj coj ua ntawm France thiab cov cheebtsam Francophone, cov menyuam yuav dhau los ua ib cov tibneeg uas qhib siab dav hauv lub ntiajteb. Nrog kev pab, cov menyuam yuav los xaiv tej yam kev kawm kom mus tob ntxiv. Cov menyuam yuav qhia tau lawv txoj kev txawj thiab kev totaub, thiab kev txaus siab rau yam lus thiab kev coj noj coj ua no los ntawm cov kev ua hauv hoob, cov projects, thiab cov kev xeem examinations.
Yam yuavtsum tau kawm uantej: French 1 thiab French 2 uas tau qhab-nees C los zoo dua lossis raug xibfwb nquahu
Cov ntaub ntawv uas siv: French B Course Companion, 2nd Edition, Oxford University Press

IB French B SL2 — 20052

Department: World Language
Grade Level: 12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob IB no yuav npaj cov menyuam kom los xav txog, sau, thiab hais lus rau ntau pab tibneeg. Cov menyuam yuav nyeem ntau yam ntawv li ntau tus tibneeg hauv ntiajteb pom. Lawv yuav los kawm txog ntau lub suab (accents) thiab cov kev xav hauv lub Francophone world. Los ntawm kev tshuaj txog cov kev coj noj coj ua ntawm France thiab cov cheebtsam Francophone, cov menyuam yuav dhau los ua ib cov tibneeg uas qhib siab dav hauv lub ntiajteb. Nrog kev pab, cov menyuam yuav los xaiv tej yam kev kawm kom mus tob ntxiv. Cov menyuam yuav qhia tau lawv txoj kev txawj thiab kev totaub, thiab kev txaus siab rau yam lus thiab kev coj noj coj ua no los ntawm cov kev ua hauv hoob, cov projects, thiab cov kev xeem examinations.
Yam yuavtsum tau kawm uantej: French 1 thiab French 2 uas tau qhab-nees C los zoo dua lossis raug xibfwb nquahu
Cov ntaub ntawv uas siv: French B Course Companion, 2nd Edition, Oxford University Press

IB Japanese B SL1 — 20057

Department: World Language
Grade Level: 11-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam paub cov lus thiab totaub txog lwm cov kev coj noj coj ua thiab paub nrog cov tibneeg Nyijpooj sib tham. Yuav kawm txog kev hais lus, kev mloog, sau ntawv, thiab nyeem thiab totaub txog kev coj noj coj ua los ntawm kev kawm txog thiab siv cov ntaub ntawv sau tseg, suab kaw, duab hais lus, thiab cov lus uas cov tibneeg Nyijpooj siv. Los ntawm kev kawm txog cov tibneeg Nyijpooj thiab kawv cov kev coj noj coj ua, cov menyuam yuav paub txog thiab paub hwm lwm haivneeg. Hauv IB Japanese B Standard Level cov menyuam tseem yuav tau kawm txog thiab siv 400 tus Kanji tsiaj ntawv uas hais hauv Japanese B List of Kanji Characters.
Yam yuavtsum tau kawm uantej: Japanese 1 thiab Japanese 2 uas tau qhab-nees C los zoo dua, lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Genki II, The Japan Times, Ltd., 2nd Edition, Copyright 2011

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

IB Japanese B SL2 — 20058

Department: World Language | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob IB no yog tsim los qhia kom cov menyuam paub cov lus thiab totaub txog lwm cov kev coj noj coj ua thiab paub nrog cov tibneeg Nyijpooj sib tham. Yuav kawm txog kev hais lus, kev mloog, sau ntawv, thiab nyeem thiab totaub txog kev coj noj coj ua los ntawm kev kawm txog thiab siv cov ntaub ntawv sau tseg, suab kaw, duab hais lus, thiab cov lus uas cov tibneeg Nyijpooj siv. Los ntawm kev kawm txog cov tibneeg Nyijpooj thiab kawv cov kev coj noj coj ua, cov menyuam yuav paub txog thiab paub hwm lwm haivneeg. Hauv IB Japanese B Standard Level cov menyuam tseem yuav tau kawm txog thiab siv 400 tus Kanji tsiaj ntawv uas hais hauv Japanese B List of Kanji Characters.
Yam yuavtsum tau kawm uantej: Japanese 1 thiab Japanese 2 uas tau qhab-nees C los zoo dua, lossis tau kev tso cai los ntawm tus xibfwb
Cov ntaub ntawv uas siv: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

IB Spanish B SL1 — 20055

Department: World Language | **Grade Level:** 11-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob IB no yog qhia kom paub lus Mev kom txog li theem uas tau kom tseg thiab kom paub cov kev coj noj coj ua ntawm cov tebchaws uas hais lus Mev. Los ntawm kev nyeem tej ntaub ntawv, mloog cov lus kaw tseg, cov duab hais lus, cov menyuam yuav paub cov lus Mev uas siv plaub yam hauv kev siv lus: kev sau ntawv thiab ntsia thiab mloog cov lus, kev sau ntawv kom raug, thiab siv coj los hais, thiab txoj kev sau ntawv. Cov menyuam yuav paub txog lawv cov kev coj noj coj ua thiab paub hwm lwm tus. Cov menyuam tseem yuav qhib siab thiab txaus siab rau cov kev coj noj coj ua ntawm cov tibneeg uas hais lus Mev thiab qhov uas lawv tau pab lub ntiajteb no.
Yam yuavtsum tau kawm uantej: Spanish 1 thiab Spanish 2 uas tau qhab-nees C los zoo dua los raug xibfwb nquahu
Cov ntaub ntawv uas siv: Spanish B Course Companion, 2nd Edition, Oxford University Press

IB Spanish B SL2 — 20056

Department: World Language | **Grade Level:** 12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob IB no yog qhia kom paub lus Mev kom txog li theem uas tau kom tseg thiab kom paub cov kev coj noj coj ua ntawm cov tebchaws uas hais lus Mev. Los ntawm kev nyeem tej ntaub ntawv, mloog cov lus kaw tseg, cov duab hais lus, cov menyuam yuav paub cov lus Mev uas siv plaub yam hauv kev siv lus: kev sau ntawv thiab ntsia thiab mloog cov lus, kev sau ntawv kom raug, thiab siv coj los hais, thiab txoj kev sau ntawv. Cov menyuam yuav paub txog lawv cov kev coj noj coj ua thiab paub hwm lwm tus. Cov menyuam tseem yuav qhib siab thiab txaus siab rau cov kev coj noj coj ua ntawm cov tibneeg uas hais lus Mev thiab qhov uas lawv tau pab lub ntiajteb no.
Yam yuavtsum tau kawm uantej: Spanish 1 thiab Spanish 2 uas tau qhab-nees C los zoo dua los raug xibfwb nquahu
Cov ntaub ntawv uas siv: Spanish B Course Companion, 2nd Edition, Oxford University Press

Japanese I — 05310

Department: World Language | **Grade Level:** 07-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

Hoob no qhia txog kev sib txuas lus los ntawm kev hais lus, nyeem ntawv, sau ntawv, thiab totaub txog cov lus uas hais thiab sau ua lus Nyijpooj (Japanese). Cov menyuam kawm ntawv yuav kawm txog cov tebchaws thiab kev coj noj coj ua hauv cov tebchaws uas hais lus Nyijpooj thiab yuav muab piv rau lawv yam lus thiab cov kev coj noj coj ua. Hoob no yuav qhia ua lus Nyijpooj feem ntau. Yuav muaj homework txhua hnub. Hoob no Suav tau qhov credits rau lub district hoob World Language rau kev kawm ntawv tiav.

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Japanese II — 05320

Department: World Language | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob kawm no yuav qhia ntxiv kom muaj kev totaub, paub hais lus, paub nyeem ntawv, thiab paub sau ntawv Japanese. Cov tub ntxhais yuav kawm kom paub sis txuas lus zoo, txawj hais lus tim ntsej tim muag sawvdaws thaum los ua tej yam activities. Hoob kawm rau Japanese II yog qhia ua lus Japanese xwb. Yuav muaj kawm ua ntu zus txog kev coj noj coj ua ntawm haivneeg Japanese thiab. Homework yeej muaj ua txhua hnub.
Hoob yuav tsum tau kawm uantej: Japanese I thiab yuav tsum tau tus C lossis zoo dua

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Japanese III — 05330

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob no yuav kawm kom paub mloog lus, hais lus, sau ntawv, thiab nyeem ntawv Japanese. Cov tub ntxhais yuav sis txuas lus ua lus Japanese. Cov ub ntxhais yuav kawm ua ntu zus kom paub toj dua txog lawv kev coj noj coj ua. Hoob no yuav qhia ua lus Japanese xwb. Homework yeej muaj ua txhua hnub.
Hoob yuav tsum tau kawm uantej: Japanese II thiab yuav tsum tau tus C lossis zoo dua

Cov ntaub ntawv siv los kawm: Genki II, Second Edition, The Japan Times, Ltd.

Japanese IV — 05340

Department: World Language | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob no yuav kawm txog kev sis txuas lus, kom muaj kev totaub,
paub hais lus, paub nyeem ntawv, thiab paub sau ntawv Japanese. Yuav kawm grammar nrog rau kev kawm txog kev coj noj coj ua thiab yuav los saib txog tej ntaub ntawv sau. Lub homphiaj rau hoob no yog kom cov tub ntxhais paub lus paub ntawv zoo. Hoob kawm no yuav qhia ua lus Japanese xwb. Homework yeej muaj ua txhua hnub.
Hoob yuav tsum tau kawm uantej: Japanese III thiab yuav tsum tau tus C lossis zoo dua

Cov ntaub ntawv siv los kawm: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

Japanese IV Honors — 05341

Department: World Language | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob no yuav kawm txog kev sis txuas lus, kom muaj kev totaub, paub hais lus, paub nyeem ntawv, thiab paub sau ntawv Japanese. Muaj qee yam keebkwm thiab ntaub ntawv sau ua lus Japanese yuav muab qhia rau lawv kom paub. Yuav kawm grammar nrog rau lawv kev coj noj coj ua thiab. Lub homphiaj rau hoob no yog kom cov tub ntxhais paub lus paub ntawv zoo. Homework yeej muaj ua txhua hnub. EGUSD hoob kawm honors no raug txais paub li ib hoob kawm honors level rau UC/CSU thiab tau qhabnees GPA los ntawm EGUSD thiab UC/CSU.
Hoob yuav tsum tau kawm uantej: Japanese III thiab yuav tsum tau tus C lossis zoo dua

Cov ntaub ntawv siv los kawm: Dekiru!, 1st Edition; Copyright 2017, Cheng & Tsui

Spanish for Native Speakers I — 05050

Department: World Language | **Grade Level:** 09-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

Hoob kawm no yuav kawm kom paub sau ntawv thiab paub nyeem ntawv, muaj kev qhia txog grammar thiab syntax, cov lus siv, thiab kom paub tej txujci rau kev sis txuas lus kom zoo. Hoob no yog hoob pib kawm, yuav kawm ib xyoo rau hoob lus Mev no thiab yog tsim los ncav kom cuag tej kev tu ncua rau lwm haivneeg uas lawv yam lus tsi yog Mev. Hoob no yuav qhia ua lus Mev. Qhov yuav tsum tau ua uantej: Kev uas muab tso kawm yog saib raws li nws kev xeem seb zoo li cas rau kev hais lus thiab kev sau ntawv

Cov ntaub ntawv siv los kawm: Galería de lengua y cultura 1; Copyright 2019, Vista Higher Learning

Spanish for Native Speakers II — 05060

Department: World Language | **Grade Level:** 10-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob kawm no yuav kawm kom paub sau ntawv thiab paub nyeem ntawv, muaj kev qhia txog grammar thiab syntax, cov lus siv, thiab kom paub tej txujci rau kev sis txuas lus kom zoo thiab yuav kawm nyuaj zog. Hoob no yuav kawm ib xyoo rau lus Mev uas yog kawm txuas ntxiv qhov thib ob thiab tsim los ncav kom cuag tej kev tu ncua rau lwm haivneeg uas lawv yam lus tsi yog Mev. Hoob no yuav qhia ua lus Mev. Hoob no yuav qhia ua lus Mev.
Hoob yuav tsum tau kawm uantej: Spanish for Native Speakers I thiab tau tus qhabnees C lossis zoo dua

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Spanish I — 05010

Department: World Language | **Grade Level:** 07-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language I | **UC/CSU:** World Language I (e) | **NCAA: Yes**

Hoob kawm nyob qib high school no, yog ib hoob uas kawm npaj rau kev mus kawm college rau kev sis txuas lus ua lus Mev los ntawm kev hais lus, kev nyeem ntawv, kev sau ntawv, thiab kev totaub cov ntaub ntawv sau thiab cov lus hais. Cov tub ntshais yuav kawm txog cov tebchaws thiab lawv kev coj noj coj ua uas hais lub Mev nyob rau ntawd thiab yuav muab coj los piv rau lawv yam lus thiab lawv kev coj noj coj ua. Hoob kawm no feem ntau yuav hais lus Mev xwb. Hoob no yog rau cov tub ntxhais uas yeej mob siab thiab muaj sijhawm los mus kawm lwm yam lus nyob hauv ntiajteb no. Cov tub ntxhais uas kawm hoob no, yuav raug nqua hu kom kawm lub Mev yam tsawg plaub xyoo.

Cov ntaub ntawv siv los kawm: EntreCulturas 1 Español; Copyright 2017, Wayside Publishing

Spanish II — 05020

Department: World Language | **Grade Level:** 08-12 | **Credits: 10.0** | **Max Credits: 10.0**
Graduation Requirement: World Language | **UC/CSU:** World Language (e) | **NCAA: Yes**

Hoob kawm nyob qib high school no, yog ib hoob uas kawm npaj rau kev mus kawm colleg, hoob no yuav muaj sijhawm rau cov tub ntxhais los mus kawm kev sis txuas lus ua lus Mev kom zoo ntxiv nyob rau kev sis tham lus, lossis kev hais lus tim ntsej tim muag sawvdaws thiab nyob rau tej group activities. Yuav kawm ntau rau kev nco kom zoo, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv. Kev kawm ua ntu zus txog kev coj noj coj ua ntawm cov Mev yog ib qhov uas kawm nyob rau hoob no. Hoob kawm no yuav kawm ua luv Mev.
Hoob yuav tau kawm uantej: Spanish I yuav tsum tau tus qhabnees C lossis zoo dua

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Course offerings may vary by school site. Please refer to individual school course catalogs on school websites for course availability.

Spanish III — 05030

Department: World Language
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob no qhia txog kev sib txuas lus los ntawm kev hais lus, nyeem ntawv, sau ntawv, thiab totaub txog cov lus uas hais thiab sau ua lus Mev. Yuav qhia ntau txog keebkwm, kev coj noj coj ua, thiab cov ntaub ntawv Mev. Cov menyuam kawm ntawv yuav txawj sib tham ua lus Mev npliag. Hoob no yuav qhia ua lus Mev nkaus xwb. Yuav muaj homework txhua hnub.
Yam yuavtsum tau kawm uantej: Spanish II thiab tau qhab nias C los siab dua

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Spanish IV — 05040

Department: World Language
Grade Level: 10-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: World Language
UC/CSU: World Language (e) **NCAA: Yes**

Hoob no qhia txog kev sis txuas lus los ntawm kev totaub, kev hais lus, kev nyeem ntawv, thiab sau ntawv ua lus mev. Yuav kawm txog kevcai rau kev sau ntawv hais lus nrog rau kev kawm txog kab ke haivneeg thiab kom paub txog tej phoo ntawv sau tseg. Lub homphiaj rau hoob kawm no yog kom paub hais lus mev zoo. Hoob no yog siv lus mev los taw kev qhia xwb. Yuav muaj homework ua txhua hnub.
Yuav tsum tau kawm uantej: Spanish II thiab tau qhab nias C los siab dua

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Spanish, Conversational — 05603

Department: World Language
Grade Level: 09-12 **Credits: 10.0** **Max Credits: 10.0**
Graduation Requirement: Electives
UC/CSU: None **NCAA: No**

Hoob no tsim rau cov tub ntxhais hluas los kawm txog kev sibtham/txuas lus Mev (Spanish) nyob rau ob peb qho chaw piv txawv. Yuav tsom txog kev hais lus thiab hlmoog lus. Muaj ua homework txhua hnub.
Cov ntaub ntawv uas siv: Tsis muaj