



Career Technical Education

Adv Interdisc Science for Sustainable Agriculture

12222

Department: Career Technical Education
Graduation Requirement: Science

Grade Level: 11-12
UC/CSU: Science (d)

Credits: 10.0
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 Production & Broadcasting

12155

Department: Career Technical Education
Graduation Requirement: Career Technical Education

Grade Level: 11-12
UC/CSU: Elective: Other (g)

Credits: 20.0
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 ncuu 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 yua 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 thaj 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. Qhib rau txhua tus menyuum hauv EGUSD.

Cov ntaub ntawv siv los qhia: Tsis siv phau ntawv

Animal Anatomy and Physiology of Plants

12202

Department: Career Technical Education
Graduation Requirement: Science

Grade Level: 11-12
UC/CSU: Science (d)

Credits: 10.0
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 menyuum, tej zaubomv noj, kev sib faib/ncuu (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 menyuum 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 menyuum kawm ntawv yuav muaj sijhawm mus kawm txog FFA, mus xyaum ua, xyaum kev Cog Qoob Loo. Cov menyuum 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.

Cov ntaub ntawv uas siv: Introduction to Veterinary Science, Cengage Learning



AP Computer Science A

07513

Department: Career Technical Education
Graduation Requirement: Electives

Grade Level: 10-12
UC/CSU: Mathematics (c)

Credits: 10.0
NCAA: No

Hoob no yog tsim los pab cov tub ntxhais kom paub daws teebmeem, muaj txojkev xav tob, thiab tsim kom paub cov txujci rau txojkev xav txog kev daws tej teebmeem uas muaj tamsim no los ntawm kev siv computer science. Cov tub ntxhais yuav kawm txog tej yam tseemceeb nyob rau hauv computer science, tsi hais algorithms, data structures, thiab object-oriented programming. Cov tub ntxhais yuav qhia txog tej teebmeem uas muaj los ntawm kev siv Java programming, qhov no yuav cia lawv sau, muaj tej uas lawv kawm koj los uake, thiab muaj sim daws qhov teebmeem. Uantej uas kawm tiav hoob no, cov tub ntxhais yeej twb npaj txhij lawm uas yuav xeeb rau AP Computer Science A exam.

Yam uas yuav tsum tau kawm uantej: Zauv I nrog tus qhab nia C los siab dua los 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

Biology and Sustainable Agriculture

12220

Department: Career Technical Education
Graduation Requirement: Life Science

Grade Level: 09-10
UC/CSU: Science (d)

Credits: 10.0
NCAA: Yes

Hoob kawm no yuav muaj cais ua plaub unit loj kawm thiab yuav muaj kev kawm kev xyaum rau biology science 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 koj 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
Graduation Requirement: Career Technical Education

Grade Level: 12
UC/CSU: Elective: Science (g)

Credits: 10.0
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 tshwjxeem, 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.

Cov ntaub ntawv uas tau txais yuav los kawm: PLTW online curriculum

Business Finance

12010

Department: Career Technical Education
Graduation Requirement: Mathematics

Grade Level: 12
UC/CSU: None

Credits: 10.0
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



Chemistry and Agriscience

12221

Department: Career Technical Education
Graduation Requirement: Physical Science

Grade Level: 10-11
UC/CSU: Science (d)

Credits: 10.0
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, Pearson Education, Inc.

Computer Aided Design/Drafting (CADD)

12100

Department: Career Technical Education
Graduation Requirement: Mathematics
Graduation Requirement: Technology Proficiency

Grade Level: 09-10
UC/CSU: None

Credits: 10.0
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 Technology

12111

Department: Career Technical Education
Graduation Requirement: Electives
Graduation Requirement: Technology Proficiency

Grade Level: 09-12
UC/CSU: Elective: Other (g)

Credits: 5.0
NCAA: No

Hoob no yog kawm txog computer technologies thiab siv los pab kom muaj kev kawm nceqib. Cov menyuum 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 menyuum kawm ntawv yuav siv tej uas lawv kawm tau hauv hoob no los ua lawv cov ntawv (assignments) hauv lwm hoob uas kawm 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



Design Implementation

12320

Department: Career Technical Education

Grade Level: 09-10

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 xeeb ua ntu zus thiab cov menyuam kawm ntawv yuav tau koomtes ua cov projects thiab lwm yam. Txoj kev nrog tsoomxam 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 tuamyem kawm rau kev nkag mus rau UC thiab CSU thiab fine arts hauv CSU.

Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Digital Media Arts I

12157

Department: Career Technical Education

Grade Level: 09-10

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 ncau 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

Graduation Requirement: Visual/Performing Arts

UC/CSU: Elective: Visual and Performing Arts (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, thaj tau xenemas thiab thaj tau duab kom zoo heev. Digital Media Arts II yog kawm tshwjkeeb rau ntiajteb kev tsim rau (digital media production) uas yog kaw suab, thaj duab, thiab thaj video kaw suab nrog rau cov duab taslauv. Hoob kawm siab no yuav kawm txog cov kev tsim ntau yam rau kev thaj 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

Economics in Agriculture

12215

Department: Career Technical Education

Grade Level: 12

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 xiaivtxim 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) Tseemfwm 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 tuamyem kawm rau kev nkag mus rau UC thiab CSU.

Cov ntaub ntawv uas siv: Economics: Principles in Action, Pearson



Floral Design II

12219

Department: Career Technical Education

Grade Level: 10-12

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

Human Body Systems Honors (PLTW)

12162

Department: Career Technical Education

Grade Level: 10

Credits: 10.0

Graduation Requirement: Science

UC/CSU: 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 thiab 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.

Hoob yuav tau kawm uantej: Biology and Principles of Biomedical Science (PLTW)

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 online curriculum

Medical Interventions Honors (PLTW)

12405

Department: Career Technical Education

Grade Level: 11

Credits: 10.0

Graduation Requirement: Science

UC/CSU: 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.

Cov ntaub ntawv uas tau txais yuav los kawm: PLTW online curriculum.

Parenting and Child Development

12410

Department: Career Technical Education

Grade Level: 09-12

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 tshwjkeeb 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 hnuv 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



Principles of Biomedical Science (PLTW)

12160

Department: Career Technical Education
Graduation Requirement: Science

Grade Level: 09
UC/CSU: Science (d)

Credits: 10.0
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 thiab 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 thiab 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: Tsi siv cov phau ntawv.

Principles of Engineering B

12345

Department: Career Technical Education
Graduation Requirement: Career Technical Education

Grade Level: 10-12
UC/CSU: Elective: Other (g)

Credits: 10.0
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 hnuv 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

Principles of Mechatronics

12339

Department: Career Technical Education
Graduation Requirement: Career Technical Education

Grade Level: 10
UC/CSU: None

Credits: 10.0
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 tibi 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

Graduation Requirement: Career Technical Education

UC/CSU: None

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

The Elements and Principles of Floral Design

12218

Department: Career Technical Education

Grade Level: 09-11

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 nta 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.

Cov ntaub ntawv uas siv: The Art of Floral Design, Cengage Learning

Veterinary Science

12211

Department: Career Technical Education

Grade Level: 11-12

Credits: 10.0

Graduation Requirement: Career Technical Education

UC/CSU: None

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 yeas 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.

Cov ntaub ntawv uas siv: Introduction to Veterinary Science, Thomson Learning



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Electives

Ability Awareness 07000

Department: Electives	Grade Level: 09-12	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.

Advocacy 10 14010

Department: Electives	Grade Level: 10	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 nrog rua cov kev muab lug cob qha kawm rua tug kheej nrog 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 11 14011

Department: Electives	Grade Level: 11	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 nrog rua cov kev muab lug cob qha kawm rua tug kheej nrog 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
Graduation Requirement: Electives	UC/CSU: None	NCAA: No

Qhov kev qha kawm nuav yog tsim sim lug muab rua cov tub kawm ntawv nrog rua cov kev muab lug cob qha kawm rua tug kheej nrog 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

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Advocacy 9

14009

Department: Electives

Grade Level: 09

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 Multiple Grade Levels

14013

Department: Electives

Grade Level: 09-12

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

AVID 10

09010

Department: Electives

Grade Level: 10

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

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 9

09009

Department: Electives

Grade Level: 09

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

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AVID Senior Seminar

09012

Department: Electives

Grade Level: 12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: Elective: Other (g)

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 menyuum 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 xeeb saib yuav tau mus kawm hoob dabtsi, npaj Senior Project, thiab npaj rau lwm yam kev xeeb 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 menyuum kawm ntawv mus nkag tau ib college lossis university plaub xyoos. Feem ib - Nkag Tau Mus Kawm; Feem ob - Dhau los ua Ib Tus Menyuum Kawm College; Feem peb - Xeeb Tias Yuav Mus Kawm Hoob Dabtsi thiab Cov Kev Xeeb Sab Nraud; Feem plaub - Xaiv Yam Kev Kawm (Major) thiab yam haujlwm. Cov ntaub ntawv uas siv: Tsis siv phau ntawv

CTE Internship

07006

Department: Electives

Grade Level: 11-12

Credits: 5.0

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

Government and Leadership

07512

Department: Electives

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Hoob no yog tsim los rau cov menyuum kawm ntawv uas tuav cov meejmom thawjcoj lossis kev tswjfwfwm menyuum kawm ntawv uas raug xaiv lossis rau tau. Cov menyuum kawm ntawv no mus kawm tau hoob Leadership. Hoob no yuav qhia txog cov kev ua thawjcoj rau cov menyuum 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 tau los ua cov tswjfwfwm lossis thawjcoj ntawm cov menyuum kawm ntawv. Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Office Assistant

07508

Department: Electives

Grade Level: 11-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Hoob no yuav qhia cov menyuum 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 menyuum 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.

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



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Peer Tutor

07506

Department: Electives

Grade Level: 11-12

Credits: 5.0

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 tswvim 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

Student Leadership Development

07511

Department: Electives

Grade Level: 09-12

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

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Study Skills

07552

Department: Electives

Grade Level: 09-12

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

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

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



Pleasant Grove High School

Course Catalog

Year: 2020-2021
Report: U-CRS1201

Work Experience

07002

Department: Electives

Grade Level: 11-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Hoob no yuav ua ob qhov no tibi tsi hais saib xyuas txog tej haujlwm ua them nyiaj lossis kev kawm hauv hoob txog kev txujci rau kev ua haujlwm. Cov tub ntxhais yuav kawm kom muaj ib tus cwjpw 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 zejzoz. Cov ntaub ntawv uas siv: Tsis muaj



English

AP English 11: Language & Composition

02240

Department: English

Grade Level: 11

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 tswjfwfwm 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 xeeb tus AP. Hoob no suav tau rau kev nkag mus rau UC thiab CSU.

Cov ntaub ntawv uas siv: Language of Composition, Bedford-St.Martin

AP English 12: Literature & Composition

02340

Department: English

Grade Level: 12

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 xeeb 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 hnuv, 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 xeeb 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

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. Themactic 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



Pleasant Grove High School

Course Catalog

Year: 2020-2021
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Creative Writing I

02671

Department: English

Grade Level: 10-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: Elective: English (g)

NCAA: Yes

Hoob uas tuamyem kawm (ib-semester) no qhia txog cov tswvim uas npaj mus xee cov kev xee uas yuav nkag mus kawm college rau cov menyuum kawm ntawv junior/senior uas yuav mus kawm university. Cov menyuum 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 menyuum uas npaj mus xee tus SAT lossis ACT kawm hoob no. Cov ntaub ntawv uas siv: Tsis siv phau ntawv

EL English Intensive Course I

02802

Department: English

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: English

UC/CSU: None

NCAA: No

Hoob Askiv no yog tsum 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 xee 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: Edge Fundamentals, National Geographic Learning/Cengage Learning

EL English Intensive Course III

02804

Department: English

Grade Level: 09-12

Credits: 10.0

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 xee (CELDT/ELPAC, SBAC/CAASPP, MYPAS, primary language proficiency, etc.); tiam sis, daim tw xee (program placement assessment) yuav tsum siv los pab xaiv hoob rau cov tub ntxhais.

Cov ntaub ntawv uas siv: Edge Level B, National Geographic Learning/Cengage Learning

EL Language Lab

02860

Department: English

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Hoob tuamyem kawm no yuav muaj kev sibzog qhia, rau tej pab menyuum tsawg tsawg (20 lossis tsawg dua tus), los txhawb kom cov menyuum kawm ntawv txawj mloog, ahis lus, nyeem ntawv thiab sau ntawv tau zoo, los ntawm kev paub txog tej yam tseemcee hauv Askiv, xwsli, hais lub suab raug (pronunciation), lub suab tsiaj ntawv thiab nws txhais lcas, syntax, kev sib txuas lus ntawm ncauj thiab hauv ntawv, nrog rau kev pab siv computer. Yuav muaj kev pab tau cov menyuum cov kev kawm los ntawm txoj kev mus koom nrog kev ua homework uake txhua hnub. Txoj kev kawm Lus Askiv (English Language Development) thiab ua ELL Lab uake yuav pab kom cov menyuum kawm ntawv kawm tau lus Askiv sai thiab txawj siv lus li luag tus qauv. Yuav muaj kev pab txhais lus, thaum tsimnyog, los pab kom cov menyuum kawm ntawv totaub txog lawv cov homework kev ua lej, science, thiab keebkwm.

Cov ntaub ntawv uas siv: Edge, National Geographic Learning, Hampton-Brown or Study Sync, McGraw-Hill Education (dependent upon students' core English course)

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



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ELA Literacy 9-12

02611

Department: English

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: English

UC/CSU: None

NCAA: No

Hoob kawm ntawv ASKiv (ELA) no yog ib hoob uas tsim los txhawb rau cov tub ntshais 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 ntshais 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

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 ntawv thiab sau ntawv, kev siv lus, thiab paub cov ntsiab lus. Hoob no yuav qhia nyeem txog ntau yam xwvli tej zaj dabneeg luv luv, tej phau novel, yeebyam, pajhuam, ntawv sau txog tej tus neeg, thiab tej zaj ntawv (essay). Thaum ua tau, yuav muab hoob kawm kev siv lus no thiab hoob kawm keebkwm neeg ntiajeb rau qib 10th 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

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 hnuv, 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.

Cov ntaub ntawv uas siv: Advanced Language & Literature, for Honors and pre-AP English Courses, Bedford/St. Martin's

English 11

02200

Department: English

Grade Level: 11-12

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 ntawv 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

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



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English 12

02300

Department: English

Grade Level: 12

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 menyuum kawm ntawv yuav los kawm txog qee yam hauv cov ntaub ntawv ntawv cov neeg thooob 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 menyuum 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

English 9

02000

Department: English

Grade Level: 09-12

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

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 menyuum kawm ntawv rau kev nyeem thiab xav thiab kev sau ntawv hauv college.

Qhia: Hoob no yog tsim los rau cov menyuum kawm ntawv uas mob siab thiab rau siab rau kev nyeem ntawv thiab sau ntawv raws li cov kev ua txhua hnuv, 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.

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

Strategic Reading 9

02605

Department: English

Grade Level: 09

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Hoob no yog tsim los pab cov menyuum 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



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Yearbook

02635

Department: English

Grade Level: 09-12

Credits: 10.0

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



Pleasant Grove High School Course Catalog

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Health

Health

15000

Department: Health

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Health

UC/CSU: None

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 aic 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 kor 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: Health, Glencoe



History/Social Science

American Government

01310

Department: History/Social Science

Grade Level: 12

Credits: 5.0

Graduation Requirement: American Government

UC/CSU: History/Social Science (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 tseemfww, 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 tswjfwim niajnub nimno thiab tej kev uas cov nomtswv siv los txiavtxim siab rau tej yam.

Cov ntaub ntawv uas siv: Magruder's American Government, Pearson

AP Government and Politics United States

01330

Department: History/Social Science

Grade Level: 12

Credits: 5.0

Graduation Requirement: American Government

UC/CSU: History/Social Science (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 tswjfwim hauv tseemfww Amelikas; cov kev ntseeg hauv kev tswjfwim thiab cov coojpwm; tej faim kev tswjfwim (political parties) thiab cov neeg txhawb; tseemfww qibsiab, tseemfww xeev, thiab tseemfww hauv nroog; txoj kev tsim cov kevcai tswjfwim, 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 xeeb 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 tuamyem kawm rau kev nkag mus kawm UC thiab CSU.

Cov ntaub ntawv uas siv: American Politics Today, 5th Edition High School Edition, W. W. Norton & Company, Inc.

AP Macroeconomics

01440

Department: History/Social Science

Grade Level: 12

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 thooib lub ntiaj teb.

Cov ntaub ntawv uas siv: Krugman's Economics for AP, Second Edition, Worth Publishers

AP Microeconomics

01430

Department: History/Social Science

Grade Level: 12

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 tseemfww 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, Second Edition, Worth Publishers

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



AP Psychology

01620

Department: History/Social Science
Graduation Requirement: Electives

Grade Level: 10-12
UC/CSU: Elective: History/Social Science (g)

Credits: 10.0
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
Graduation Requirement: US History

Grade Level: 11-12
UC/CSU: History/Social Science (a)

Credits: 10.0
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: America's History for the AP Course, Bedford/St. Martin's

AP World History

01130

Department: History/Social Science
Graduation Requirement: World History

Grade Level: 10-12
UC/CSU: History/Social Science (a)

Credits: 10.0
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: Worlds Together Worlds Apart, From the Beginnings of Humankind to the Present, AP Edition, W. W. Norton & Company

Economics

01420

Department: History/Social Science
Graduation Requirement: Economics

Grade Level: 12
UC/CSU: Elective: History/Social Science (g)

Credits: 5.0
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: Economics, Principles in Action, Pearson



Political Science Honors

01608

Department: History/Social Science
Graduation Requirement: Electives

Grade Level: 12
UC/CSU: History/Social Science (a)

Credits: 5.0
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.

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

Psychology I

01601

Department: History/Social Science
Graduation Requirement: Electives

Grade Level: 10-12
UC/CSU: Elective: History/Social Science (g)

Credits: 5.0
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. Tau qhab-nees rau kev tuamyem kawm nkaus xwb.

Cov ntaub ntawv uas siv: Understanding Psychology, Glencoe

Psychology II

01602

Department: History/Social Science
Graduation Requirement: Electives

Grade Level: 10-12
UC/CSU: Elective: History/Social Science (g)

Credits: 5.0
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. Tau qhab-nees rau kev tuamyem kawm nkaus xwb.

Cov ntaub ntawv uas siv: Understanding Psychology, Glencoe

Sports Psychology

01623

Department: History/Social Science
Graduation Requirement: Electives

Grade Level: 09-12
UC/CSU: None

Credits: 5.0
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: Tsis muaj



Pleasant Grove High School

Course Catalog

Year: 2020-2021
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US History

01210

Department: History/Social Science
Graduation Requirement: US History

Grade Level: 11-12
UC/CSU: History/Social Science (a)

Credits: 10.0
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 1900 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 nijhnuv 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 tseemcee 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 ntau 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 ntau ntawv uas siv: American Anthem: Modern American History, Holt/Rinehart/Winston

World Geography

01010

Department: History/Social Science
Graduation Requirement: Geography

Grade Level: 09-12
UC/CSU: History/Social Science (a)

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 ntau 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 ntau ntawv uas siv: World Geography & Cultures, Glencoe

World History

01110

Department: History/Social Science
Graduation Requirement: World History

Grade Level: 10-12
UC/CSU: History/Social Science (a)

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 nc 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 ntau 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 ntau ntawv uas siv: Modern World History: Patterns of Interaction, McDougal Littell

You and the Law

01611

Department: History/Social Science
Graduation Requirement: Electives

Grade Level: 09-12
UC/CSU: Elective: History/Social Science (g)

Credits: 5.0
NCAA: Yes

Hoob no yuav qhia txog cov units hauv qab no: Kevcai Tswj Kev Ua Tubsab (Txhaum) thiab Kev Tu Plaub Rau Cov Menyua 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 tuamyem 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 ntau ntawv uas siv: Street Law: A Course in Practical Law, Glencoe



Mathematics

AP Calculus AB

03050

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 xeeb hoob AP Calculus AB thaum xyoo xyuav xaus, thiab lawv yuav tau college credit. Peb nquahu kom cov menyuam kawm ntawv xeeb 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 tuamyem 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 xibfbw.

Cov ntaub ntawv uas siv: Calculus, 11th Edition; Cengage Learning

AP Calculus BC

03055

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 xeeb hoob AP Calculus AB thaum xyoo xyuav xaus, thiab lawv yuav tau college credit. Peb nquahu kom cov menyuam kawm ntawv xeeb 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 tuamyem 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 xibfbw

Cov ntaub ntawv uas siv: Calculus Graphical, Numerical, Algebraic, Pearson

AP Statistics

03058

Department: Mathematics

Grade Level: 11-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 xeeb 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 tuamyem 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 xibfbw.

Cov ntaub ntawv uas siv: The Practice of Statistics, W. H. Freeman and Company



Pleasant Grove High School Course Catalog

Year: 2020-2021
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Applied Mathematics

03019

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 ncau 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

Mathematics I

03015

Department: Mathematics

Grade Level: 08-12

Credits: 10.0

Graduation Requirement: Mathematics I

UC/CSU: Mathematics (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

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 ncau 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



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Mathematics I A, Part 2

03102

Department: Mathematics

Grade Level: 09-12

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 ncuu 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

Mathematics I B, Part 1

03103

Department: Mathematics

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: Mathematics (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 ncuu 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

Graduation Requirement: Mathematics I

UC/CSU: Mathematics (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 ncuu 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

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



Mathematics II

03025

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (c)

NCAA: Yes

Hoob kawm no yog hoob thib ob ntwam (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 ntwavv siv los qhia: Integrated Mathematics 2, Houghton-Mifflin Harcourt

Mathematics II Honors

03026

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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.

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 ntwavv siv los qhia: Integrated Mathematics 2, Houghton-Mifflin Harcourt

Mathematics III

03035

Department: Mathematics

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 ntwavv uas siv lej los ua.

Hoob yuav tsum tau kawm uantej: Mathematics II lossis Mathematics II B, Part 2, lossis Mathematics II Honors thiabyuav tsum tau tus qhabnees C lossis siab dua

Cov ntaub ntwavv siv los qhia: Integrated Mathematics 3, Houghton-Mifflin Harcourt

Mathematics III Honors

03036

Department: Mathematics

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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.

Hoob yuav tsum tau kawm uantej: Mathematics II Honors thiab yuav tsum tau tus qhabnees C lossis zoo dua

Cov ntaub ntwavv siv los qhia: Integrated Mathematics 3, Houghton-Mifflin Harcourt



Pre-Calculus

03040

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 I, 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

Probability and Statistics

03068

Department: Mathematics

Grade Level: 11-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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 tuameem 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: Kawm dhau Mathematics III los yog Mathematics III B, Part2 thiab tau qhab-nees C los siab dua
Cov ntaub ntawv uas siv: Statistics and Probability with Applications, Third Edition; Bedford, Freeman & Worth

Problem Solving A

03060

Department: Mathematics

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (c)

NCAA: Yes

Hoob no tsim los pab txhawb kev ua lej Mathematics I, Mathematics II and geometry, thiab kev txawj daws teeb meem uas yuav pab cov tub ntxhais hluas tseem tsis tau mus kawm hoob Mathematics III. Yuav tham txog: logarithms, probability, statistics, linear programming, sequences nrog rau series, thiab conics. (Muaj kev pom zoo siv lub scientific calculator. Pub siv cov credits rau kev cai lav ntawv math requirement.) Hoob no ua tau raws li UC thiab CSU qho math requirement lawm.

Hoob yuav tsum tau kawm ua ntej: Mathematics I thiab kom tau tus qhab nee D los yog siab dua

Cov ntaub ntawv uas siv: Algebra and Trigonometry, Function & Application, Pearson

Problem Solving B

03061

Department: Mathematics

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (c)

NCAA: No

Hoob no tsim los pab txhawb kev ua lej advanced algebra cov ntsiab lus, trigonometry, thiab kev txawj daws teeb meem rau cov tub ntxhais hluas uas tseem npaj tsis tau mus kawm hoob ua lej Pre-Calculus. (Muaj kev pom zoo siv lub scientific calculator.) Pub siv cov credits rau kev cai lav ntawv math requirement. Hoob no ua tau raws li UC thiab CSU qho math requirement lawm.

Yam yuavtsum tau kawm uantej: Mathematics III kom tau tus qhab nee D los yog siab dua

Cov ntaub ntawv uas siv: Algebra and Trigonometry, Function & Application, Pearson



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Quantitative Reasoning With Advanced Math Topics

03147

Department: Mathematics

Grade Level: 12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (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: Kawm hoob Mathematics III lossis Mathematics III B thiab tau tus C lossis zoo dua



Physical Education

Athletic Conditioning and Strength Training

08682

Department: Physical Education

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Physical Education

UC/CSU: None

NCAA: No

Hoob no nrhiav kev txhawb ntxiv rau cov tub ntxhais kislav tej kev kawm uas tseemceeb yuav tsum paub txog kev ua kislav, tsi hais lub cev ntaj nrug, txojkev xav, thiab kev sis raug zoo. Cov tub ntxhais kislav 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 kislav kom paub meej txog cov kev xyaum npaj tus kheej kom noj qab nyob zoo rau kev ua kislav, tsi hais thaum ua kislav 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

Personal Fitness/Walking

08624

Department: Physical Education

Grade Level: 10-12

Credits: 5.0

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



Physical Education, Course I

08020

Department: Physical Education

Grade Level: 09-12

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 xwslu ua luam dej, dhia/seevcev, thiab cov kev ua ntawm tus kheej lossis nrog tej pab neeg ua. Txhua tus menyuam kawm ntawv yuavtsum tau hnab 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 xeeb sau ntawv. Txhau tus menyuam kawm qib 9th yuavtsum xeeb 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 tshwjkeeb los pab tus menyuam kawm ntawv ntawd txoj kev tu-ncua lossis tus mob. Hoob no yuav pab tshwjkeeb 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

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 licias 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 xeeb tsi tau dhau 5 yam hauv 6 yam ntawm lub xeev cov FITNESSGRAM tests hauv Hoob I yuav tau xeeb koj DHU5 yam hauv 6 yam ntawm lub xeev cov FITNESSGRAM tests hauv Hoob II.

Cov ntaub ntawv uas siv: Tsis siv phau ntawv



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Weight Training and Conditioning

08683

Department: Physical Education

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Physical Education

UC/CSU: None

NCAA: No

Hoob kawm no yog tshwjxees 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 hanyav hanyav, 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



Science

AP Biology 04109

Department: Science **Grade Level:** 11-12 **Credits:** 10.0
Graduation Requirement: Life Science **UC/CSU:** 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 xeeb 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 xeeb 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 qhak nees B los yog zoo tshaj

Cov ntaub ntawv uas siv: Biology, Campbell

AP Chemistry 04209

Department: Science **Grade Level:** 10-12 **Credits:** 10.0
Graduation Requirement: Physical Science **UC/CSU:** 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 xeeb 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 xeeb 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, Pearson

AP Physics I 04311

Department: Science **Grade Level:** 10-12 **Credits:** 10.0
Graduation Requirement: Physical Science **UC/CSU:** 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



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AP Physics II

04312

Department: Science

Grade Level: 11-12

Credits: 10.0

Graduation Requirement: Physical Science

UC/CSU: 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

Biology of the Living Earth

04104

Department: Science

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Life Science

UC/CSU: 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

Chemistry in the Earth System

04204

Department: Science

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Physical Science

UC/CSU: 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, Pearson Education, Inc.

Criminalistics

04620

Department: Science

Grade Level: 11-12

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, Prentice Hall



Laboratory Specialist

04662

Department: Science

Grade Level: 10-12

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

Physics of the Universe

04304

Department: Science

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Physical Science

UC/CSU: Science (d)

NCAA: Yes

Hoob kawm laboratory no qhia txog qhov uas sis ze ntawm physics thiab lub ntiaj teb. Nws qhia kom paub saib txog tej yam xwmtxheej uas tshwmsim loj nyob hauv lub ntiaj teb, 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 hnuv 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

Physiology

04690

Department: Science

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Science

UC/CSU: 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 ciah 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: Fundamentals of Anatomy & Physiology, Pearson/Prentice Hall



Visual/Performing Arts

Animation I

06070

Department: Visual/Performing Arts

Grade Level: 09-12

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 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 txu 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

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 hnuv 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 Music Theory

06315

Department: Visual/Performing Arts

Grade Level: 10-12

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 ntawv 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: Drawing

06060

Department: Visual/Performing Arts

Grade Level: 10-12

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 xwslu 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 Honors

06035

Department: Visual/Performing Arts

Grade Level: 11-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no yog ib hoob uas yuav qhia tob thiab qibsiab txog art rau cov menyuam kawm ntawv uas hais txog kev kos duab kom zoo nkauj, paub tias nws zoo los tsis zoo, keeb kwm txog art, thiab kev kos thiab pleev duab hauv studio. Cov projects yuav hais txog, tabsis tsis tas rau, kev siv airbrush, xim dej (watercolor); acrylics, kua cwjmem (ink), cov xim prisma, pleev rau tej thooj (block printing), mixed media thiab txua duab 3D. Honors Art yog ib yam yuav tsum tau kawm uantej thiab yog ib feem ntawm hoob AP Studio Art hauv Monterey Trail thiab Sheldon High Schools. 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: Art II los Commercial Art/Graphics thiab tau qhab-nees C los siab dua, thiab tau kev tso cai los ntawm tus xibfwb.

Cov ntaub ntawv uas siv: The Visual Experience, Davis

Art I

06010

Department: Visual/Performing Arts

Grade Level: 09-12

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 (chairs), thee (charcoal), kua cwjmem (ink), hmoov poovsib (pastels), tempera, xim dej (watercolor), thiab xim pleev (plaster). Cov projects ua duab yuav muaj xwslu luam rau cov ntawv yas (linoleum block prints), pleev rau cov ntaub tshwbluag (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

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 tibi. 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

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



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Art III

06030

Department: Visual/Performing Arts

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no yog tsim los rau cov menyuum uas kawm art qibsiab. Yuav qhia ntau txog kev siv xim dej (watercolor acrylic), gouache, xim xyaw roj, thiab airbrush los pleev duab. Cov menyuum kawm ntawv yuav xyuum 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 tshwbliaq 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

Band, Intro to Marching/Concert

06322

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no yog tsim los qhia kom cov menyuum kawm ntawv los koom ua tau ib pab menyuum ntaus suab paj nruag. Nws yog thawj hoob kawm rau cov menyuum uas kawm Marching/Concert Band. Cov menyuum kawm ntawv yuav 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 xyuum tshuab thiab ntaus rau tibneeg xyuas. Cov menyuum kawm ntawv yuav los kawm txog tus qauv ntawm kev ua yeebyam ntaus suab paj nruag (performing arts) hauv tej haivneeg thiab keebkwm tibneeg. Yuav tau txais 25 teev rau kev Mus Pab Zejzoz 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, Jazz

06331

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

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

Ceramics I

06110

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no qhia cov menyuum kawm ntawv txog cov qauv kev puab av xwsli uas 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

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

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Nyob rau hoob kawm siab Ceramics 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 tiav12 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.

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

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 tibi. 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 laujkaub 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



Dance Composition & Performance I

06461

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no yog tsim los qhia tej tus menyuum 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 menyuum kawm ntawv yuav los koom kev xyaum seevcev raws li ib tus menyuum kawm ntawv qhia, thiab los kawm txog ntau yam kev seevcev. Txhua tus menyuum 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 ke 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

Drama Production I and II/Stagecraft

06440

Department: Visual/Performing Arts

Grade Level: 10-12

Credits: 5.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no qhia txog qhov kev npaj ua yeebyam. Cov menyuum 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 xwsi 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 menyuum 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

Guitar Workshop I

06310

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no yog qhia cov nyuam qhuav pib thiab txawj pesnrao hauv kev ntaus guitar ntoo. Cov menyuum 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 menyuum kawm ntawv yuavtsum tau muaj lawv ib lub guitar ntoo.

Cov ntaub ntawv uas siv: Guitar School: Method Book 1, Alfred's

Photography I

06210

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Hoob no qhia keebkwm hauv kev thajij duab photography, qauv ke thajij duab, cov koob thajij duab; pinhole, simple, thiab single lens reflex, tej hom film, kev ntxuav duab xim dab thiab dawb nkaus xwb, composition, duab tso xyuas thiab thajij duab luam tawm; thaj tibneeg, duab uasi (action), thajij 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



Theatre I

06410

Department: Visual/Performing Arts

Grade Level: 09-12

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

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 (10 credit High School course) los xibfwb tsocai Cov ntaub ntawv uas siv: Drama for Reading & Performance, Perfection Learning

Theatre, Advanced

06434

Department: Visual/Performing Arts

Grade Level: 10-12

Credits: 10.0

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

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



Pleasant Grove High School

Course Catalog

Year: 2020-2021
Report: U-CRS1201

World Language

French III 05130

Department: World Language **Grade Level:** 09-12 **Credits:** 10.0
Graduation Requirement: World Language **UC/CSU:** World Language (e) **NCAA:** Yes

Hoob no tsom dav heev txog Fab Kis kev txuas lus los sis kev sibtham muaj nyob rau tej keeb kwm, kev lig kev cai, thiab ntaub ntawv sau tseg. Lub homphiaj ntawm hoob no yog kawm sau thiab nyeem ntawv Fab Kis. Hoob kawm no siv lus Fab Kis los qhia ntawv tag nrho. Muaj ua homework txhua hnuv.

Hoob kawm ua ntej mam kawm tau lwm hoob: Fab Kis II thiab tau qhab nias C los siab dua los tus xibfwb tsocai
Cov ntaub ntawv uas siv: Bien dit!, level 3, Houghton Mifflin Harcourt

Japanese I 05310

Department: World Language **Grade Level:** 07-12 **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 u: 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 hnuv. Hoob no Suav tau qhov credits rau lub district hoob World Language rau kev kawm ntawv tiav.
Cov ntaub ntawv uas siv: Haruichiba, Kisetsu

Japanese II 05320

Department: World Language **Grade Level:** 08-12 **Credits:** 10.0
Graduation Requirement: World Language **UC/CSU:** World Language (e) **NCAA:** Yes

Hoob no yog tsim los qhia kom muaj kev totaub, paub hais, nyeem ntawv thiab sau ntawv uas lus Nyijpooj (Japanese) ntxiv. Cov menyuam kawm ntawv yuav los xyaum sib tham, sawv los qhia txog ib yam dabtsi thiab nrog ib pab neeg ua tej yam dabtsi.

Japanese II yog qhia ua lus Nyijpooj feem ntau. Yuav muaj kev kawm ntxiv txog Nyijpooj kev coj noj coj ua. Yuav muaj homework txhua hnuv. Hoob no Suav tau qhov credits rau lub district hoob World Language rau kev kawm ntawv tiav.

Yam yuavtsum tau kawm uantej: Japanese I nrog tus qhab n C lossis tus xibfwb tsocai
Cov ntaub ntawv uas siv: Ginga, Kisetsu

Japanese III 05330

Department: World Language **Grade Level:** 09-12 **Credits:** 10.0
Graduation Requirement: World Language **UC/CSU:** World Language (e) **NCAA:** Yes

Hoob no yuav qhia ntau txog kev mloog, hais lus, sau ntawv, thiab nyeem ntawv uas lus Nyijpooj. Cov menyuam kawm ntawv yuav kawm ntxiv txog luag cov kev coj noj coj ua. Hoob no yuav qhia ua lus Nyijpooj nkaus xwb. Yuav muaj homework txhua hnuv

Yam yuavtsum tau kawm uantej: Tau qhab-nees "C" los siab dua hauv Japanese II los xibfwb xa mus.

Yam yuavtsum tau kawm uantej: Japanese II thiab tau qhab nias C los siab dua los tus xibfwb tsocai
Cov ntaub ntawv uas siv: Genki II, Second Edition, The Japan Times, Ltd.

Japanese IV 05340

Department: World Language **Grade Level:** 09-12 **Credits:** 10.0
Graduation Requirement: World Language **UC/CSU:** World Language (e) **NCAA:** Yes

Hoob no qhia ntau txog kev sib txuas lus, kev totaub, kev hais lus, nyeem ntawv thiab sau ntawv ua lus Nyijpooj. Lub homphiaj ntawm hoob no yog xav kom hais tau lus Nyijpooj zoo. Yuav qhia ntau txog cov qauv kev siv lus (grammar) nrog rau kev kawm txog kev coj noj coj ua thiab lawv tej ntaub ntawv. Lub homphiaj ntawm hoob no yog xav qhia kom cov menyuam kawm ntawv hais tau lus Nyijpooj zoo. Hoob no yuav qhia ua lus Nyijpooj nkaus xwb. Yuav muaj homework txhua hnuv.

Yam yuavtsum tau kawm uantej: Japanese II thiab tau qhab nias C los siab dua los tus xibfwb tsocai
Cov ntaub ntawv uas siv: Adventures in Japanese III, Cheng & Tsui

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



Spanish I

05010

Department: World Language

Grade Level: 07-12

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 (Spanish). Cov menyuam kawm ntawv yuav kawm txog cov tebchaws thiab kev coj noj coj ua hauv cov tebchaws uas hais lus Mev thiab yuav muab piv rau lawv yam lus thiab cov kev coj noj coj ua. Hoob no yuav qhia ua lus Mev feem ntau. Yuav muaj homework txhua hnuv. Suav tau qhov credits ua lub district ib hoob rau World Language rau kev kawm ntawv tiav. Cov ntaub ntawv uas siv: Realidades, Level 1, Pearson

Spanish II

05020

Department: World Language

Grade Level: 08-12

Credits: 10.0

Graduation Requirement: World Language

UC/CSU: World Language (e)

NCAA: Yes

Hoob no yog tsum los qhia kom cov menyuam kawm ntawv yuav txawj sib txuas lus ntxiv los ntawm kev xyaum sib tham, sawv los qhia txog ib yam dabtsi thiab nrog ib pab neeg ua tej yam dabtsi. Spanish II yog qhia ua lus Mev feem ntau. Yuav qhia ntau kom txawj totaub, paub hais, nyeem thiab sau ntawv. Yuav muaj kev kawm ntxiv txog Mev kev coj noj coj ua. Yuav muaj homework txhua hnuv. Suav tau qhov credits ua lub district ib hoob World Language rau kev kawm ntawv tiav.

Yam yuavtsum tau kawm uantej: Kawm tiav Spanish I Tau qhab-nees "C" lossis siab dua hauv Spanish I lossis tau xibfwb xa mus Cov ntaub ntawv uas siv: Realidades, Level 2, Pearson

Spanish III

05030

Department: World Language

Grade Level: 09-12

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 hnuv.

Yam yuavtsum tau kawm uantej: Spanish II thiab tau qhab nias C los siab dua Cov ntaub ntawv uas siv: Realidades, Level 3, Pearson

Spanish IV

05040

Department: World Language

Grade Level: 10-12

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 hnuv.

Yuav tsum tau kawm uantej: Spanish II thiab tau qhab nias C los siab dua Cov ntaub ntawv uas siv: Realidades, Level 4, Pearson