

QHOV NTXIV TSHIAB (3/27/17)

TEJ YAM KEV QHIA TSHIAB/LOSSIS COV HOOB KAWM TSHIAB UAS TAU TXAIS YUAV LOS QHIA RAU XYOO KAWM NTAWV THE 2017-18

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2017-18 High School Course Catalog luam tiav lawm)

English

Course	Class Restrictions	Credits	Description
History, Form, and Culture of Comic Books Elk Grove High Course #2683	Junior Senior	5	Hoob elective uas kawm rau ntawv Askiv no yog tsim los tshawb nrhiav txog tej dabneeg thiab keebkwm uas raug txhawb los ntawm cov comic books (cov phau ntawv sau txaus luag) thiab seb cov comic books thiab graphic novels no txhawb tau tiam hluas no licas. Cov tub ntxhais yuav xub los xav saib seb vim licas cov phau ntawv sau txaus luag no ho yuav yog ib qhov uas tsimnyog kawm los ntawm kev ua tibzoo sojntsaum txog tus cag ntawm kev qhia tej dabneeg/ thiab qhia npej twg. Cov tub ntxhais yuav saib seb yog ua cas tej tus tibneeg ho nyob rau hauv Greek thiab Roman cov dabneeg lossis ua qauv lawv li ib tus tibneeg txojkev ua phaj ej. Cov tub ntxhais yuav saib txog ntau yam kev sau ntawv, kev kos duab, saib txog cov tuam txhab luam ntawv, thiab saib txog cov lagluam ua yeebyam uas tau ua hais txog lub ntsiab lus no. Cov kev tshawb nrhiav, kev sojntsaum txog cov ntawv sau, thiab kev sau ntawv nyob rau hoob no yuav yog ua raws li cov qauv rau kev kawm ntawv Askiv. Cov ntaub ntawv uas siv: <i>The Power of Comics: History, Form, and Culture, Second Edition; Bloomsbury Publishing</i>

English Learner: English

Course	Class Restrictions	Credits	Description
English Learner College and Career Writing Cosumnes Oaks High Elk Grove High Florin High Franklin High Laguna Creek High Monterey Trail High Pleasant Grove High Sheldon High Valley High Course #2711	Rau cov uas kawm lus Askiv xwb	10	Hoob elective uas kawm ntawv Askiv no yog tsim los kawm kom paub lus, paub ntawv thiab kom muaj kev totaub ntau ntiv rau cov uas twb kawm ntawv Askiv ntev ntev lawm (Long-Term English Learners (LTEL) thiab cov uas twb raug Re-designated uas twb muab lawv rho tawm mus kawm nrog cov paub ntawv askiv zoo lawm tiamsim tseem muaj kev kawm tu ncua thiab. Cov kev kawm nyob rau hoob no yog kawm kom paub lus, paub cov lus vocabulary, thiab kom paub sau ntawv. 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 (activities) 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. <i>Qhov uas yuav tsum tau ua uantej: Muab tso kawm los ntawm pab EL team</i> <i>Yuav tsum tau kawm thooj txhim tib lub sijhawm: Cov tub ntxhais uas kawm nyob rau qib 7-12 uas yeej yog cov kawm ntawv askiv ntev lawm lossis cov uas twb raug muab rho tawm mus kawm nrog cov paub ntawv askiv zoo lawm tiamsis teem muaj kev tu ncua rau kev kawm thiab</i> Cov ntaub ntawv uas siv: <i>English 3D Course II, Scholastic.</i>

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English Learner: English

Course	Class Restrictions	Credits	Description
English Learner Writing to Discuss and Debate Cosumnes Oaks High Elk Grove High Florin High Franklin High Laguna Creek High Monterey Trail High Pleasant Grove High Sheldon High Valley High Course #2710	Rau cov uas kawm lus Askiv xwb	10	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 (activities) 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. <i>Qhov uas yuav tsum tau ua uantej: Muab tso kawm los ntawm pab EL team</i> <i>Yuav tsum tau kawm thooj txhim tib lub sijhawm: Cov tub ntxhais uas kawm nyob</i> Cov ntaub ntawv uas siv: <i>English 3D Course I, Scholastic.</i>

Mathematics

Course	Class Restrictions	Credits	Description
Introduction to Advanced Mathematics Franklin High Course #3046	Senior	10	Hoob no yog tsim los tshawb nrhiav txog ntau hom kev ua lej rau calculus thiab linear algebra. Cov ntaub ntawv yuav luag zoo sis ncag li cov kawm nyob rau third semester uas kawm Calculus thiab thawj semester uas kawm rau Linear Algebra. Cov ntsiab lus yuav qhia yog derivatives, saddle points, the vector cross product, projection, planes, double integrals, alternate coordinate systems, inverse matrices, matrix factorization, the fundamental subspaces, vector spaces, eigenvalues and eigenvectors, orthogonality, and linear independence. Cov kev kawm nyob rau hoob no yog tsim los npaj cov tub ntxhais rau cov kev kawm siab thiab nyuaj rau lej rau lawv thawj xyoo kawm college. Hoob no siv a "5-point A" grading system uas cov CSU thaib UC los yeej siv tibyam. Cov qhabnees siv tau mus rau hoob lej raws li tau samfwm koj yuav tsum muaj rau kev kawm ntawv tiav. <i>Qhov yuav tsum tau kawm uantej: Hoob Calculus BC thiab yuav tsum tau tus C lossis zoo dua</i> Cov ntaub ntawv uas siv: Tsis siv phau ntawv

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Mathematics

Course	Class Restrictions	Credits	Description
Principles of Mechatronics Pleasant Grove High Course #12339	Junior	10	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. <i>Qhov yuav tsum tau kawm uantej: Computer Aided Drafting and Design (CADD)</i> Cov ntaub ntawv uas siv: Tsis siv phau ntawv

Career Technical Education (CTE) Courses

Course	Class Restrictions	Credits	Description
Fashion I Laguna Creek High Monterey Trail High Course #12530	Sophomore Junior Senior	10	Hoob kawm no qhia cov tub ntxhais txog ib txoj haujlwm uas zoo heev rau kev tsim lossis xaws khaubncaws thiab muag cov khoom thiab qhia txog tej uas lawv yuav tsum tau paub lossis muaj thiaj vammeej rau ntau yam haujlwm nyob rau kev ua cov lagluam khaubncaws no. Cov tub ntxhais yuav kawm txog kev tsim, kev xaws khaubncaws, kev muag khoom rau tej lagluam, thiab muag cov khoom. Hoob no yog ib hoob uas yuav siv sijhawm los mus kawm thiab tshawb nrhiav uas cov tub ntxhais yuav kawm pab ntiv rau lawv tej txujci los ntawm kev sis koomtes, kev sis txuas lus, kom muaj txojkev xav tob, thiab muaj lub tswvyim zoo los tsim tej yam. Yuav muaj ob qhov semester project rau lawv ua, uas yuav qhia txog seb lawv paub txog kev tsim khoom licas, kos duab licas, paub xaws khaubncaws licas, thiab paub xaiv tej ntaub xov licas los xaws thiaj zoo. Tsi tas li ntawd xwb, hoob no yuav qhia txog ntau yam kev kawm ntsig txog kev tsim khaubncaws, thiab kev muag khoom nrog rau kev kawm ntawv Askiv, Lej, Kev Lagluam, Keebkwm, thiab kev kos duab lossis tsim tej yam. Hoob no yuav pab tau cov tub ntxhais kom muaj sijhawm los ncau cuag hoob Speech (hoob kawm hais lus) rau kev Kawm Ntawv Tiav. <i>Qhov Yuav Tsum Tau Kawm Uantej:</i> Kawm kom tiav hoob Art I thiab tau tus qhabnees C lossis zoo dua. Cov ntaub ntawv uas siv: yuav tsum tau txiav txim

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Career Technical Education (CTE) Courses

Course	Class Restrictions	Credits	Description
Fashion II Laguna Creek High Monterey Trail High Course #12535	Junior Senior	10	Hoob kawm no yuav kawm ib cov txujci tshiab txuas ntxiv rau hoob Fashion I uas twb kawm tas los lawm, thiab yuav kawm ntxiv kom cov tub ntxhais paub tsim thiab xaws khaubncaws tau zoo. Ib feem ntawm kev kawm haujlwm nyob hoob no, cov tub ntxhais yuav los saib ntxaws dua txog tej yam haujlwm tshwjxeeb uas muaj nyob rau cov luagluam xaws khaubncaws. Cov tub ntxhais yuav los muab ntau yam uas lawv tau ua, tej project thiab tej uas lawv ua hauv labs coj los khaws cia ua ib phau professional portfolio. Hoob no yog ib hoob uas yuav ib kev kawm kev ua uas yuav siv ob peb yam kev kawm los kawm txog cov haujlwm rau kev xaws khaubncaws; science, lej thiab technology yuav yog cov uas yuav siv los kawm rau kev tsim cov khaub ncaws thiab kev xaiv ntaub los xaws khaub ncaws kom yuav. <i>Qhov Yuav Tsum Tau Kawm Uantej: Kawm kom tiav hoob Fashion I thiab tau tus qhabnees C lossis zoo dua.</i> Cov ntaub ntawv uas siv: <i>Apparel Design, Textiles & Construction, 11th Edition; The Goodheart-Willcox Company</i>

TSHIAB COV HOOB KAWM NTAUB NTAWV

Drumming #6312: Hoob no ua tau raws li kev cai lav ntawv hauv high school.

Choir, Treble #6352: Hoob no suav tau ua ib hoob Visual thiab Performing Arts rau kev nkag mus kawm UC thiab CSU thiab rau kev kawm kom tiav high school.

COV NTAUB NTAWV SIV LOS QHIA

AP Macroeconomics, #1430

AP Microeconomics, #1440

Krugman's Economics for AP, Second Edition, Worth Publishers

AP World History, #1130

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

AP United States Government and Politics, #1330

American Politics Today, 5th Edition High School Edition, W. W. Norton & Company, Inc.

IB History Route 2 (Americas) HL1, #20011

History of the Americas 1880 – 1981, Course Companion, Oxford University Press

Fashion I, #12530 & Fashion II, #12535

Apparel Design, Textile & Construction, 11th Edition, The Goodheart-Wilcox Company, Inc.

Japanese Level III, #5330

Genki II, Second Edition, The Japan Times, Ltd.