



Twin Rivers  
Unified Koog Tsev  
Kawmntawv  
Tsev Kawmntawv  
Theem Siab  
Kev Piav Txog Kev Kawm  
Phauntawv 2024/2025





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# TRUSD Tus Tuam Thawj Tswj Soblus

Kaum Hlis Ntuj 2023

Hawm txog Cov Tub Ntxhais Kawm thiab Cov Niam Txiv,

Twin Rivers Unified School District tau cog lus los ua zoo tshaj plaws rau tagnrho txhua tus tub ntxhais kawmntawv. Peb muab cov phiajxwm kev kawm thiab haujlwm uas yog thiab zoo heev thiab muab kev huaj vam sibluag rau txhua tus kom thiaj li tsom kwm tau hais tias peb cov menyuam kawmntawv kawm tiav hlo nrog muaj kev npaj txhij rau tsevkawm txheejsiab thiab haujlwm.

Phauntawv Kev Kawm yog lub koog tsevkawm Twin Rivers ib qho chaw kev pab uas yog tseeb thiab tso siab tau los nyeem kawm txog peb cov tsevkawm theem siab cov phiajxwm qhia ntawv yog licias thiab tsuas yog siv los pab saib xyuas rau txoj kev npaj thiab kom cuag tau raws li cov cai thiab cov qhabnee rau kev kawmntawv tiav thiab rau tsevkawm txheejsiab txoj kev rau npe kawm. Peb muab ntau txoj hau kev taug rau peb cov tub ntxhais kawm kom lawv kawm tau –ntawm cov kev kawm -Tso Chaw Nyob Txheejsiab cov chavkawm), Kev Kawm Haujlwm - Career Technical Education (CTE), Kev Kawm Tibtxhij - Concurrent Enrollment (tau tsevkawm txheejsiab cov qhabnee), thiab Kev Kawm Kos Duab & Nthuav Tawm Txuj Ci - Visual and Performing Arts (VAPA). Phauntawv Kev Kawm no kuj muaj cov ntaubntawv tseemceeb qhia txog tsevkawm theem siab cov kev xeem, kev kawm cov cai tswj rau cov chavkawm qhia ntawv txheebze nrog cov kev kawm hauvpaus thiab cov kev koom tshaj dua ntawd xws li ntawm kev ntaus pob thiab kev sibtw txuj ci, thiab piov txog UC/ CSU A-G Subject Requirements kev kawm cov cai kom ua twb zoo xyuas hais tias cov tub ntxhais kawmntawv yeej muaj kev npaj txhij zoo txaus mus kawm tau ntawv zoo nyob hauv tsevkawm txheejsiab.

Cov niam, cov txiv, thov kom nej siv lub sijhawm los ua twb zoo nyeem Phauntawv Kev Kawm nrog nej tus menyuam thiab nrog nws lub tsevkawm tus neeg pab tawm tswvyim kev kawm, tus school counselor, los pib ib lub tswvyim npaj plaub-xyoos ntawm txoj kev kawmntawv. Cov kev xaiv uas koj txiav txim nyob rau tam sim no yuav txiav txim seb yuav muaj cov cibfim zoo licias rau cov tub ntxhais kawm nyob ua ntej thiab tomqab lawv kawm ntawv tiav.

Saib rau lub samxeeb,



Steve Martinez, Ed.D.

Tuam Thawj Tswj, Twin Rivers USD

[www.trusd.net](http://www.trusd.net)

**Tsoom Kav Tswj ntawm  
Pawg Neeg Ntseeg Siab**

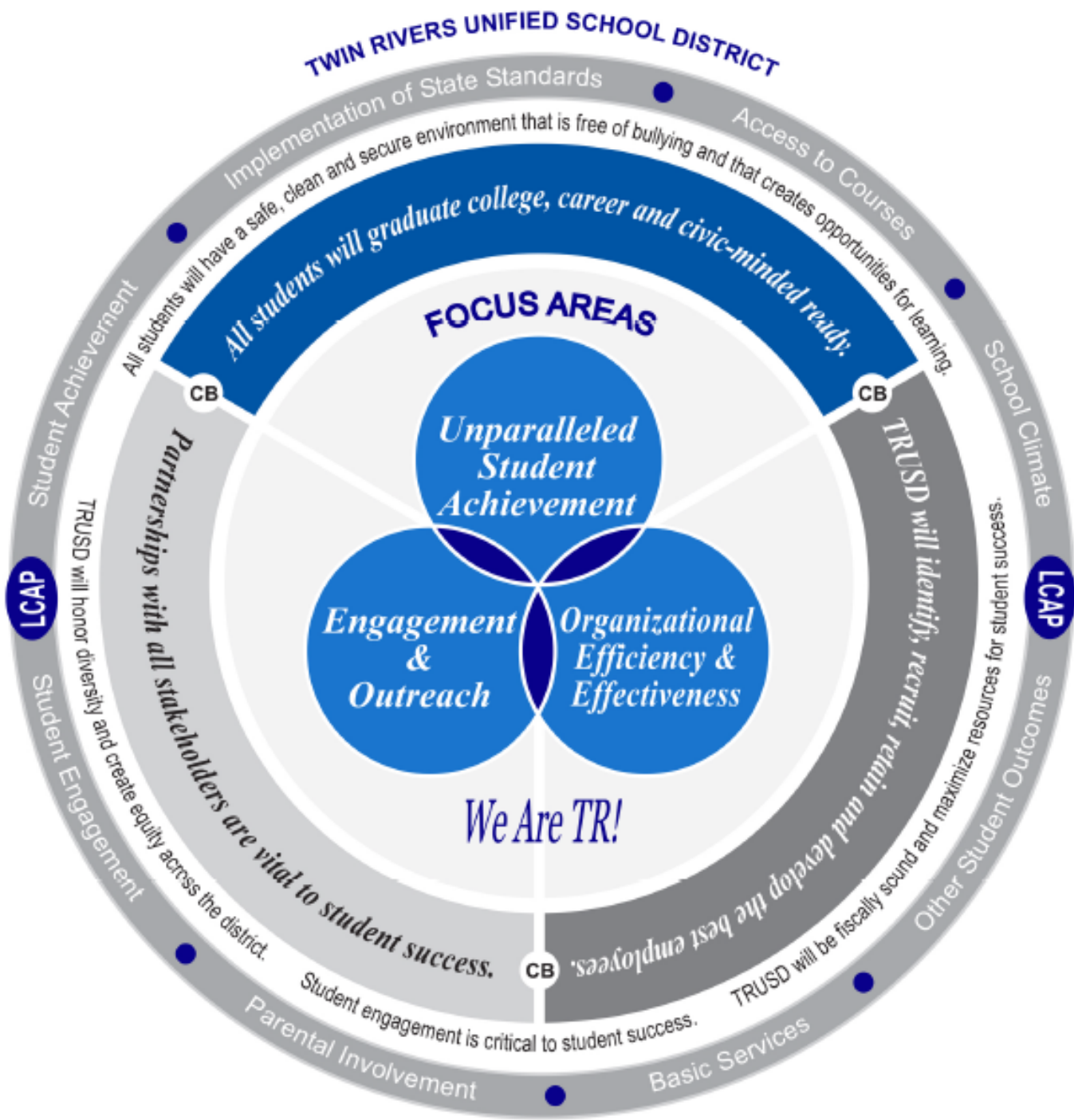
**Michelle Rivas, Tuam Thawj Coj**  
**Michael Baker, Lwm Thawj Coj**  
**Christine Jefferson, Tus Teev Ntawv**  
**Basim Elkarra, Neeg Ntseeg Siab**  
**Linda Fowler, J.D., Neeg Ntseeg Siab**  
**Rebecca Sandoval, Neeg Ntseeg Siab**  
**Stacey E. Bastian, Neeg Ntseeg Siab**



Superintendent Dr. Steven Martinez

## Tsoom Kav Tswj Cov Kev Ntseeg Tseemceeb Tau khaws Los Coj

- Tagnrho cov tub ntxhais kawm yuav kawm ntawv tiav hauv tsevkawm theem siab nrog muaj kev npaj txhij rau tsevkawm txheejsiab, haujlwm thiab rau lawv lub luag dejnum ua ib tug pejxeem zoo.
- Tagnrho cov menyuam kawm yuav tsum muaj ib thajchaw nyabxeeb, huv thiab ruajtseg uas Tsis muaj kev thabplaub kom thiaj li tsim tau cov cibfim zoo tshaj plaws rau kawm ntawv.
- Menyuaum kawm txoj kev nyiam thiab kev koomtes yog ib nqe tseemceeb heev rau tub ntxhais kawm txoj kev vammeej.
- Cov kev raugzoo nrog tagnrho cov neeg muaj feemxyuam yog ib qho tseemceeb heev rau cov tub ntxhais kawm txoj kev vammeej.
- TRUSD yuav tsum muaj nyiaj txiag txaus thiab yuav siv tagnrho cov kev pabcuam uas muaj los rau cov tub ntxhais kawm txoj kev vammeej.
- TRUSD yuav tsum hwm txhua haivneeg thiab tsim kev huajvam sibluag thoobplaws lub koog tsevkawm.
- TRUSD yuav txheeb, nrhiav, ceev cia thiab txhim kho kom tau cov neeg ua haujlwm zoo tshaj plaws.



CB: TRUSD Core Beliefs  
 LCAP: California Local Control Accountability Plan / Eight State Priorities



## Ntsiab Lus Ib Vuag

Lub hauvpaus txoj kev xav ntawm Twin Rivers Unified Koog Tsev Kawmntawv yog txoj kev ntseeg hais tias txhua tus tibneeg yeej kawm tau. Los txhawb nqa cov hauvpaus kev ntseeg tseemcee uas tsim los ntawm Tsevkawm Tsoom Kav Tswj, peb cov tsev kawmntawv npaj cov tub ntxhais kawm kom lawv muaj kev npaj txhij rau tsevkawm txheejsiab thiab haujlwm.

Phauntawv Kev Kawm no piav txog Twin Rivers Unified School District cov tsevkawm theem siab muaj cov kev kawm qhia txog dabtsi rau lub xyoo tsevkawm 2024-2025. Phau no muaj cov ntaub ntawv qhia txog cov hauvpaus kev npaj es cov tub ntxhais kawm thiab cov niam txiv thiaj li paub tsim ib lub tswvyim pab kev kawm. Cov menyuam kawm yuav tsum xaiv cov kev kawm uas yuav npaj lawv rau qhov zoo tshaj nyob rau tom qab tsevkawm theem ob thiab cov kev xaiv taug mus rau tom ntej. Nrog rau txoj kev txhawb nqa ntawm lawv niam lawv txiv thiab tus counselor, cov tub ntxhais kawm yuav muaj peevxwm los xaiv tau lawv cov kev kawm rau lub xyoo tsevkawm tuaj tom ntej no. Txhua lub tsevkawm theem siab cov neeg ua haujlwm rau counseling, kev pab menyuam xaiv kev kawm, yeej muaj los pab cov tub ntxhais kawm thiab cov niam txiv nrog tsim ib lub tswvyim plaub-xyoos kev kawm raws li tus menyuam txoj kev kawm tau. Cov niam txiv yog ib co neeg tseem ceeb hauv lawv tus menyuam txoj kev kawm tau zoo hauv tsev kawm theem siab. Thov hu rau koj lub tsevkawm cov neeg ua haujlwm rau kev kawm thaum twg uas koj muaj kev xav tau kev pab.

Qee yam twg uas tseemcee cuam tshuam *Kev Kawmntawv Tus Zauv Cai* thiab Tsoom Kav Tswj txoj cai tau muab qhia rau cov niam txiv paub hais tias lawv nyob rau cov chaw twg thiab qhia ntxiv lwm cov ntaubntawv raws li qhov tsimnyog.

Ntxaib Rivers Unified School District  
Nondiscrimination nqe lus

Ntxaib Rivers Unified School District programs, kev ua ub no, thiab kev xyaum ua tej yam yuav tsum tsis txhob pub muaj kev ntxub ntxaug, thab plaub, sib thuum, thiab kev siab phem raws li haiv neeg los yog dab tsi haiv neeg, xim nqaj, keeb kwm teb chaws, haiv neeg, keeb kwm teb chaws, keeb kwm teb chaws, kev ntseeg, kev ntseeg, kev puas siab puas ntsws, kev ua niam txiv, txivneej los pojniam, yog txivneej los pojniam, los yog txivneej los pojniam qhia; los yog ntawm ib tug neeg koom nrog ib tug neeg los yog ib pawg neeg twg los yog ib tug ntawm cov cim los yog dab tsi dab tsi.

Me Nyuam Kawm Ntawv,

Yog koj ntseeg hais tias koj tau raug kev ntxub ntxaug, thab plaub, sib thuum, los yog kev siab phem, koj yuav tsum tau hu mus rau lub tsev kawm ntawv tus thawj xibfwb, Director of Student Services (CCR Title 5 thiab Title IX Officer), Jim Davis, ntawm 916-566-1600 ext. 32203 los yog Jim.Davis.@trusd.net.

Ib daim qauv ntawm TRUSD niaj hnuv tsis txaus siab los yog TRUSD tsis yog kev ntxub ntxaug txog kev ntxub ntxaug yog muaj raws li thov.

Parents,

If you need assistance using this guide, please schedule an appointment with your child's counselor.

Translations available upon request. Padres,

Si necesitan asistencia para utilizar esta guía, por favor programe una cita con el consejero de su hijo.

Traducciones disponibles cuando se soliciten. Cov niam cov txiv,

Yog koj xav tau kev pab siv daim ntawv no, thov teem caij nrog koj tus me nyuam tuaj ntsib tus neeg pab nws (counselor). Muaj tus neeg txhais lus yog koj xav tau.

Родители,

Если вам нужна помощь при использовании этого руководства, пожалуйста, назначьте встречу с канцлером вашего ребенка.

Перевод доступен по запросу.

**Disclaimer:** Not all course offerings are available at all sites and during all semesters. Check with your child's school for specific offerings for the upcoming semester. **Exención de responsabilidad:** No todos los cursos ofrecidos están disponibles en todos los planteles y durante todos los semestres. Verifique con la escuela de su estudiante para ofertas específicas en el próximo semestre. **Kev Tsis Lees Paub:** Tsis muaj txhua txhua hoob kawm nyob hauv txhua lub tsev kawm ntawv thiab nyob rau txhua txhua lub semesters. Nug koj tus me nyuam lub tsev kawm ntawv seb muaj hoob kawm twg nyob rau lub semester tom ntej no. **Отказ от ответственности:** Не все предлагаемые предметы доступны в каждой школе и в каждом семестре. О наличии конкретных предметов на предстоящий семестр обращайтесь в школу вашего ребенка.

# Koog Tsevkawm Chaw Nrhiav

## **TSOOM KAV TSWJ NTAWM COV NEEG NTSEEG SIAB**

Michelle Rivas, Tuam Thawj Coj  
Michael Baker, Lwm Thawj Coj  
Christine Jefferson, Tus Teev Ntawv  
Basim Elkarra, Neeg Ntseeg Siab  
Linda Fowler, J.D., Neeg Ntseeg Siab  
Rebecca Sandoval, Neeg Ntseeg Siab  
Stacey E. Bastian, Neeg Ntseeg Siab

## **TSOOM KAV TSWJ COV ROOJ SIBTHAM**

6:30 p.m. nyob hnuv thib 2nd Zwjqaug ntawm txhua hli hauv District Office Boardroom, tshwj tsis yog ho tau qhia lwm yam. Mus saib District website kom paub cov ntaubntawv qhia tawm tshiab.

## **PAWG NEEG TSWJ DEJNUM**

Dr. Steve Martinez, Tuam Thawj Tswj

## **TSOOM NEEG COJ COV KEV PABCUAM**

Gina Carreon, Thawj Coj Loj Saibxyuas  
Fab Tibneeg Cov Chaw Kev Pab  
Ryan DiGiulio, Thawj Coj Loj Saibxyuas  
Fab Lagluam  
Kate Ingersoll, Tuam Thawj Kavxwm,  
Kev Tswj Nyiaj Txiag Cov Kev Pabcuam  
Marci Bernard, Thawj Coj Loj Saibxyuas  
Technology

## **KEV QHIANTAWV COV KEV PABCUAM**

Dr. Lori Grace, Tus Ua Haujlwm Nrog Tuam Thawj Tswj, Tsevkawm Kev Ua Coj  
Yvette Streeter, Tuam Thawj Kavxwm,  
Tsevkawm Theem Pib  
Cynthia Andrews, Tuam Thawj Kavxwm, K-8  
thiab Charters  
Dr. Megan Simmons, Tuam Thawj Kavxwm,  
Tsevkawm Theem Ob  
Kathleen Walker, Tuam Thawj Kavxwm, Kev  
Kawmntawv Tshwjxeb thiab SELPA

## **KOOG TSEVKAWM CHAV UA HAUJLWM**

Thajchaw Chawnyob:  
5115 Dudley Blvd., McClellan, CA 95652  
TEL: 916-566-1600  
Website: [www.trusd.net](http://www.trusd.net)  
Chawnyob Xa Ntawv:  
3222 Winona Way, North Highlands, CA 95660

## **TAGNRHO COV TSEV KAWM THEEM SIAB UAKE**

Foothill High School  
Thawj Coj Heather King  
5000 McCloud Drive  
Sacramento, CA 95842  
916-566-3445

Grant Union High School  
Thawj Coj Darris Hinson  
1400 Grand Avenue  
Sacramento, CA 95838  
916-566-3450

Highlands High School  
Thawj Coj Darryl Hawthorne  
6601 Guthrie Way  
North Highlands, CA 95660  
916-566-3465

Rio Linda High School  
Thawj Coj Diedre  
Barlow 6309 Dry Creek  
Road Rio Linda, CA  
95673 916-566-2725

## **CHARTER/LWM COV TSEVKAWM THEEM SIAB**

Creative Connections Arts  
Academy  
Thawj Coj Edward Delgado  
6444 Walerga Road  
North Highlands, CA 95660  
916-566-3470

Keema Tsevkawm rau  
Independent Study  
Tus Thawj Coj Robert  
Pope 1281 North Avenue  
Sacramento, CA 95838  
916-566-3410

Pacific High School  
Thawj Coj Darryl Hawthorne  
6560 Melrose Drive  
North Highlands, CA 95660  
916-566-2715

Vista Nueva High School  
Thawj Coj Bob Wilkerson  
2035 North Avenue  
Sacramento, CA 95838  
916-566-2750



# Kev Kawm TiaV Cov Cai

**Kev Kawm Cov Cai**

(TRUSD BP 6146.1)

Menyuam Kawm Phauntawv Tes Nplooj 7

**Askiv - 40 Credits**

(Kev Kawmntawv Tus Zauv Cai 51225.3)

- Yim semesters hauv Askiv (English) yuav tsum muaj ob semesters hauv cov kev kawm raws li: ELA 9, ELA 10, ELA 11, ELA 12
- Lus Askiv Kev Txhim Kho Loj Hlob (ELD) cov kev kawm rau Cov Neeg Kawm Lus Askiv kuj hloov tau ntau kawg rau ib qho kev kawm toj ib xyoos. (cf. 6142.91)

**Zauv/Lej - 30 Credits**

(Kev Kawmntawv Tus Zauv Cai 51225.3)

- Ob semesters yuav cuag tau lossis ua tau zoo tshaj rov saud ntawm lub xeev cov qauv cai cov kev kawmntawv rau kawm lej, Algebra I (Education Code 51224.5)
- Plaub semesters ntawm kev ua zauv ntxiv rau Algebra/ Integrated Math 1

**Science - 20 Credits**

(Kev Kawmntawv Tus Zauv Cai 51225.3)

- Ob semesters hauv ib qho kev kawm biological science
- Ob semesters hauv ib qho kev kawm physical science

**Social Studies - 30 Credits**

(Kev Kawmntawv Tus Zauv Cai 51225.3)

- Ob semesters ntawm keebkwm Meskas
- Ob semesters ntawm keebkwm ntiajteb
- Ib semester kev kawm hauv Neeg Meskas kev nom tswv kav tebchaws thiab tswj pejxeem
- Ib semester kev kawm hauv kev khwv nyiaj, siv nyiaj thiab faib nyiaj hauv tebchaws (economics)

**Kos Duab/Nthuav Txuj Ci/ Lus Neeg Txawv Tebchaws - 10 Credits**

(Kev Kawmntawv Tus Zauv Cai 51225.3)

- Ob semesters hauv Kos Duab thiab Nthuav Txuj Ci lossis Lus Neeg Txawv Tebchaws

**Cev Ntajntsug Kev Kawmntawv - 20 credits**

(Kev Kawmntawv Tus Zauv Cai 51225.3)

- Ob semesters hauv PE course 1
- Ob semesters hauv PE course 2 lossis 3

(Tshwj tsis yog tus menyuam kawmntawv twb tau txais kev pom zoo zam raws li lwm cov koog kev cai hauv Kev Kawmntawv Tus Zauv Cai). Tus tuam thawj coj ntawm lwm cov tsevkawm (alternative schools) muaj txoj kev xaiv los zam tau ntau kawg 10 credits ntawm kev kawm Physical Education, tsis xam qib 9 qhov kev kawm Physical Education.

**Kev Noj Qab Nyob Zoo - 5 credits**

- Ib semester puv nkaus ntawm chavkawm kev noj qab haus huv (health)

**Cov kev xaiv (Electives) - 65 credits**

Yuav tsum muaj kawm nyob hauv rau cov qib 9-12; cov chavkawm kuj xaiv tau los ntawm cov kev kawm uas muaj nyob hauv txhua lub chav department twg los tau.

**Technology Cov Kev Kawm Yuav Tsum Muaj**

Yuav tsum qhia pom muaj kev txawj tsimnyog nyob rau lub caijnyoog no cov technology lossis muaj peevxwm ua tau zoo nyob hauv koog tsevkawm qhov kev xeem technology challenge test lossis kawm dhau yam tsawg kawg ib semester technology kev kawm. (TRUSD AR 6155)

Fab Kev Kawm	Credits Req
Askiv	40
Zauv/Lej	30
Science	20
Keebkwm	30
Kos Duab/Nthuav Txuj Ci lossis Lus Neeg Txawv Tebchaws	10
Cev Ntajntsug Kev Kawmntawv	20
Kev Noj Qab Nyob Zoo	5
Cov Kev Xaiv	65
<b>Tagnrho Cov Qhabnee Yuav Tsum Tau</b>	<b>220</b>

# Keu Xeeu

## CAASPP PROGRAM

C.C.R., Title 5, Sec. 850-870; E.C. 60600- 60652; B.P. 6162.51; A.R. 6162.51

Cov tub ntxhais kawm yuav xeeu ntawv nyob rau txoj kev xeeu the California Assessment of Student Performance and Progress (CAASPP) system uas yog ua nyob rau hauv computer uas qhov no tsim txhim kho los ntawm lub tuamtxhab Smarter Balanced Assessment Consortium (SBAC) uas nws mam li yuav muab qhia rov tuaj cov menyuum kawmntawv ua tau zoo npaum lica los ntawm txoj kev ntsuas cov kev txawj hauv ntiajteb (real-world skills) xws li kev txawj xav tob thiab daws teebmeem. Cov kev ntsuamxyuas no lawv tau muaj kev txhim kho tseemceeb ua rau lawv zoo tshaj cov kev xeeu yav dhau los, xws li cov hom lus nug tshiab thiab cov haujlwm ua ntawd tseev kom cov menyuum kawmntawv siv ntau yam kev txawj uas lawv muaj los ua kom tiav cov haujlwm uas cov kev ua no yuav npaj lawv rau tsevkawm txheesjab thiab tom chaw haujlwm.

## Smarter Balanced Tests

Askiv/Lus Txuj Ci/Txawj Nyeem & Sau Ntawv	Cov qib 3-8, 11
Zauv/Lej	Cov qib 3-8, 11

## CAST

Qhov kev xeeu the California Science Test (CAST) yog ib feem ntawm Khaslisfosnias cov kev ntsuamxyuas tus txheej txheem hu ua the California Assessment of Student Performance and Progress (CAASPP). Txoj kev xeeu no yuav koj los cob xeeu rau cov qib 5, 8 thiab 11.

## EAP

EAP nyob rau tm sim no twb tau muab tso nyob rau hauv qhov kev xeeu SBAC lawm. Qib 11 cov tub ntxhais kawm yuav tau txais cov lus qhia rov qab rau lawv hais txog lawv muaj kev npaj txhij npaum li cas rau tsevkawm txheej siab los ntawm txoj kev koom rau hauv tus Phiajxwm Kev Ntsuamxyuas Thaum Ntxov (Early Assessment Program - EAP) los ntawm SBAC txoj kev xeeu. Nyob ntawm txhua lub caij nplooj ntoos hlav, tagnrho cov qib kaum-ib cov tub ntxhais kawmntawv hauv Khaslisfosnias ua qhov kev xeeu Smarter Balanced Summative Assessments rau lus Askiv txuj ci/kev txawj nyeem thiab sau ntawv (ELA) thiab kev ua zauv. Cov kev ntsuamxyuas no, uas yog cob rau xeeu raws li yog ib feem ntawm California Assessment of Student Performance and Progress (CAASPP) System, kuj siv los ua ib qho twj rau txoj kev ntsuas seb puas muaj kev npaj txaus rau tsevkawm txheej siab cov kev kawm lus Askiv thiab lej thiab yog ib qho uas cov tsevkawm txheesjab plaub xyoos California State University (CSU) thiab ob xyoos California Community Colleges (CCCs) uas koom nrog siv los txiav txim seb Early Assessment Program (EAP) ntsuas tau nyob theem twg. Tagnrho cov tub ntxhais kawm tam sim no koom rau hauv EAP los ntawm txoj kev ua tiav qhov kev xeeu Smarter Balanced Summative Assessments rau lus Askiv cov txuj ci/ kev txawj nyeem thiab sau ntawv thiab kev ua zauv. Cov tub ntxhais

kawm yuav tsum muab kev tso cai tso tawm lawv cov qhabnee tau los ntawm CAASPP (i.e., Smarter Balanced Summative Assessment) rau txhua qhov kev xeeu mus rau cov tsevkawm txheesjab CSU thiab CCC systems.

- Qhov kev tso tawm cov qhabnee ntawm cov kev xeeu lus Askiv cov txuj ci/kev txawj nyeem & sau ntawv thiab kev ua zauv yuav ua kom tiav hlo nyias nyob nyias tsis nyob uake.
- Cov tub ntxhais kawm uas tsis tso tawm lawv cov qhabnee thaum xaus ntawm cov kev xeeu ntawv lwm hnuv tom qab ntawd lawv mam li xa ib daimntawv luam ntawm lawv cov qhabnee no tuaj mus rau cov tsevkawm txheesjab CSU thiab/lossis community college uas lawv tau tso npe kawm.

Qhov kev tso tawm CAASPP cov qhabnee yuav tsis cuam tshuam txog txoj kev txiav txim qhov kev txais kawm ntawv ntawm tus me nyuam kawm daimntawv rau npe. Cov qhabnee no tsuas yog siv los txiav txim ib tug tub ntxhais kawm twg qhov chaw tso kawm nyob theem txawj twg xwb tom qab uas lub tsevkawm txheesjab university twb tau txais nws lawm.

Tom qab koj xeeu tiav, koj yuav tau txais ib daimntawv qhia qhab nee xa tuaj nram tsev uas nws qhia txog seb koj muaj kev txawj puas txaus lossis yuav tsum muab kev pab npaj ntxiv thiaj li kawm tau thiab ua tau tsevkawm txheesjab theem kev kawm losyog cuag tau CSU cov cai rau cov tub ntxhais kawm thawj xyoo hauv cov kev kawm lus Askiv thiab zauv. Mus saib [CSU's Success daim website](#) kom pom cov twj uas muaj los pab ib tug twg txheeb nws txawj dabtsi tshaj thiab qhov twg uas nws tsis keej, Tsis muaj zog nyob. Yog koj xav tau sijhawm ntau ntau los npaj koj tus kheej, koj muaj ib xyoos puv nkaus nyob koj xyoo kawg hauv qib kaum-ob los npaj.

## ELPAC

Thaum thawj zaug ntawm qhov kev rau npe kawm ntawv hauv California pejxeem ib lub tsevkawm, cov menyuum kawm uas tau teb lus rau hauv daimntawv Tsawb Fawb Lus Nram Tsev (Home Language Survey -HLS) nrog rau cov lus nug xws li hom lus siv dabtsi nram tsev thiab hom lus siv dabtsi rau lawv dua li ntawm lus Askiv, yuav tau los xeeu daim Initial English Language Proficiency Assessments for California (ELPAC) nyob hauv 30 hnuv thaum hnuv pib rau npe kawm. Qhov kev ntsuamxyuas xeeu thawj zaug no txheeb seb tus tub ntxhais kawm ntawv puas yog ib tug neeg kawm lus Askiv (EL) lossis yog ib tug uas Yeej Muaj Kev Txawj Lus Askiv Tsimnyog Thawj Zaug (Initially Fluent English Proficient - IFEP) lawm thiab tsuas yog muab ib zaug rau thawj zaug tus menyuum tso npe kawm rau hauv Khaslisfosnias pejxeem cov tsevkawm tus txheej txheem rau thawj zaug kev txheeb xwb. Twin Rivers xa tuaj rau cov niam txiv ob tsabntawv lus fajseeb cuam tshuam txog ELPAC qhov Kev Ntsuamxyuas thawj zaug. Thawj qhov lus fajseeb yog ib daim tsabntawv qhia txog ua ntej xeeu tus menyuum rau cov niam txiv lossis tus neeg saibxyuas paub hais tias lawv tus menyuum kawm tau raug hais tias tejzaum nws yuav yog ib tug neeg kawm lus Askiv, raws li ntsuam xyuas pom qhia hauv daim HLS, thiab yuav muab ELPAC qhov Kev Ntsuamxyuas thawj zaug. Lub koog tsevkawm mam li faj lus tuaj qhia zaug ob rau cov niam txiv paub txog lawv tus menyuum cov qhabnee ntawm ELPAC qhov kev xeeu thawj zaug thiab tso nyob tus phiajxwm qhia ntawv twg.

# Kev Xeem

## ELPAC (toj ntxiv)

Txhua lub caij ntuj nplooj ntoos hlav, tagnrho cov neeg kawm lus Askiv raug xeem qhov Summative ELPAC kom txog thaum lawv tau raug Rov Txheeb Dua tam li Txawj Lus Askiv Meej Tsimnyog lawm (Reclassified as Fluent English Proficient - RFEF). Nyob hauv 30 hnuv tom qab lub koog tsevkawm tau txais txoj kev xeem Summative ELPAC cov qhabnee, lossis nyob hauv ob limtiam ntawm ntu pib lub xyoo tsevkawm tshiab tom ntej yog hais tau txais cov qhabnee tom qab hnuv kawg ntawm kev qhiantawv, ELSD mam li faj lus tuaj qhia cov niam txiv paub txog cov qhabnee ntawm txoj kev ntsuam xyuas. Cov qhabnee no yog siv tam li yog ib feem hauv cov cai nqe lus rau txoj kev rov txheeb dua los txiav txim seb ib tug menyuam kawm EL puas muaj kev txawj lus tsimnyog txaus hauv qib-theem tib yam li ib tug menyuam nws hnuvnyoog uas ibtxwm txawj lus Askiv xwb. Thaum uas ib tug menyuam kawm EL tau raug rov txheeb lawm, lawv yuav mus kawm tau txhua cov kev kawm hauvpaus thiab cov chavkawm xaiv tsis tau ELSD cov kev pab ntxiv. EL cov menyuam kawm uas raug rov txheeb dua Chav Tswj Neeg Kawm Lus Askiv Cov Kev Pab cuam yuav soj ntsuam nws rau plaub xyoos tom qab qhov kev rov txheeb dua ntawd raws li tsoom fww tebchaws thiab lub xeev cov cai, tiamsis cov tub ntxhais kawm uas tau raug txheeb dua no yuav tsis tau toj mus ntxiv cov kev qhia ntawv uas muaj kev pab designated lossis integrated ELD.

## Khaslisfosnias Tsevkawm Theem Siab Qhov Kev Xeem Txawj Tsimnyog

Khaslisfosnias Tsevkawm Theem Siab Qhov Kev Xeem Txog Kev Txawj Tsimnyog (CHSPE) yog ib tug phiajxwm/tus txheej txheem uas Khaslisfosnia txoj cai tau tsim los. (*Kev Kawmntawv Tus Zauv Cai 48412*) Yog muaj kev tsimnyog txaus pub los ua txoj kev xeem no, koj yuav tau ib daimntawv povthawj raws li txoj cai lijchoj uas muaj nqes sibluag zos li high school ib daim diploma yog xeem dhau qhov CHSPE. Qhov kev xeem CHSPE muaj ob (2) koog: ib koog yog Lus Askiv Cov Txuj Ci ho koog ob yog zauv. Yog koj xeem dhau ob koog no, Xeev Khaslisfosnias Pawg Tsoom Kav Tswj ntawm Kev Kawmntawv yuav muab rau koj ib daimntawv povthawj kev txawj Certificate of Proficiency, uas yog raws li lub xeev txoj cai lijchoj daim no muaj nqes sibnpaug zos lis tsevkawm theem siab daim ntawv kawg tiav.

Koj los mus xeem tau qhov CHSPE yog hais tias, nyob hnuv xeem ntawv, koj:

- Yam tsawg kawg muaj 16 xyoo; lossis
- Tau rau npe kawm nyob qib 10 tau ib (1) xyoos kev kawm lossis ntev tshaj ntawd; lossis
- Yuav kawm tiav ib (1) xyoos kev kawm nyob qib 10 hauv ntu lub xyoo kawg ntawm lub semester rau ntu tom ntej no uas qhov kev xeem no ibtxwm yeej yuav coj los cob rau xeem.

<http://www.chspe.net>

## Koog Tsevkawm Daim Qhia Caijnyoog

Yuav kom los mus saib tau peb lub koog tsevkawm daimntawv qhia ntawm cov hnuv muaj kev xeem ntawv, thov mus rau TRUSD's [Assessment and Accountability daim webpage](#).

# Keu Kawmntawv Cov Tsub Cai

## Cov Lus Tsom Kwm Qhabnee (TRUSD BP 6146.1)

1. Cov tub ntxhais kawm qib 9, 10, 11 yuav tsum rau npe kawm rau chavkawm nyob ib hnub txhua semester. Cov tub ntxhais kawm qib 12 yuav tsum rau npe kawm yam tsawg kawg tsib chavkawm nyob ib hnub hauv ob semesters huv si. (*Keu Kawmntawv Tus Zauv Cai 51225.3*)
2. Cov tub ntxhais kawm kuj kawm tau 20 qhabnee tshaj ntxiv rau ib xyoo twg los ntawm txoj kev rau npe kawm hauv CHARGE thiab hauv tsevkawm caij ntuj so, summer school.
3. Cov qhabnee (credits) uas ntau tshaj 40 rov saud rau ib semester twg yuav tsum tau tus coj sawvcev txoj kev tso cai.

## Dhau (Tus Qhabnee P) (TRUSD AR 5121)

Ib tug tub ntxhais kawm twg uas tau qhabnee, tiamsis tus qhabnee ntawd tsis siv los suav rau hauv tus menyuam kawm tus qhabnee zauv GPA.

## Cov Daimntawv Qhabnee (P) thiab (RC)

Plaub daimntawv qhia qhabnee xa tuaj nyob ib semester – kwvyees li ntawm tsib limtiam xa tuaj daim qhabnee (P), nyob cuaj limtiam daim qhabnee (RC), 14 limtiam daim (P), thiab nyob rau limtiam kaum-yim daim (RC). Tagnrho cov ntawv qhia qhabnee xa tuaj rau nram tsev.

## Rho Poob Tsis Dhau (WF) (TRUSD AR 5121)

Ib tug tub ntxhais kawm kuj ntaus thawj rho tawm ib txoj kev kawm, uas tsis muab txim rau, yog nyob ua ntej thaum txog hnub kawg ntawm plaub limtiam hauv txhua semester. Tom qab hnub ntawd, qhov rho tawm tsis kawm no yuav tshwm ua ib tug qhabnee “WF” nyob rau hauv tus menyuam kawm daimntawv qhabnee transcript uas yuav muab suav nrog tus qhabnee zauv GPA.

## Chavkawm Qeb Duas (TRUSD AR 5121)

Qhov no yog ib qho chaw muaj nyob hauv tus menyuam kawm daimntawv qhabnee transcript uas kuj muab qhia tau tuaj/tsis qhia tuaj rau cov daimntawv rau npe kawm tsevkawm txheesjab los tau nyob ntawm tus menyuam kawm/tus niam txiv cov kev xav xwb.

Pawg Tsoom Kav Tswj uas Khiav Haujlwm (Governing Board) lees paub qhov muaj txiajntsim zoo ntawm no thiab tso cai muaj ib tug txheej txheem suav tus qhabnee zauv uake, grade point average, thiab chavkawm qeb duas, theem menyuam kawm (class ranking). Cov homphiaj yog los mus: (1) muab cov ntau ntawv qhia rau tsevkawm thiab koog tsevkawm paub muab cov paj tshab, thiab (2) qhia rau cov tswv lagluam thiab cov tuam txhab tsev kawmntawv qib siab kom lawv muaj ib qho kev ntsuas muab cov tub ntxhais kawm tso nyob qhov thajchaw zoo tsimnyog rau kev vammeej. Pawg Tsoom Kav Tswj uas Khiav Haujlwm pom qhov muaj nqes ntawm cov kev qhiantawv thiab txaus siab los nrog qhuas txhawb ntau tus tub ntxhais kawm rau ntawm lawv txoj kev kawm tau ntawv zoo. Yog li no, chavkawm

tus qeb duas yuav tsum tau coj los suav raws li cov qhabnee tau hauv cov kev kawm uas Tsoom Kav Tswj pom zoo.

Ib tug tub ntxhais kawmntawv tus qhabnee zauv suav uake thiab ob qho huv tib si ntawm chavkawm tus qeb duas uas tau luj thiab tsis tau luj yuav tsum muab sau nyob rau hauv tus menyuam kawm cov ntau ntawv keebkwm thiab yuav raug coj los ua raws li Tsoom Kav Tswj uas Khiav Haujlwm tsab cai tso tawm tus menyuam kawm cov ntau ntawv.

Chavkawm tus qes duas uas tau muab luj yog coj los siv tam li ib qho kev pab tus menyuam kawm rau nws qhov kev rau npe kawm ntawv hauv tsevkawm txheesjab thiab muab tso nyob rau hauv TRUSD system tus txheej txheem los txheeb tus menyuam kawm txawj nyob thib ib, Valedictorian lossis tus thib ob, Salutatorian, yog tus twg hauv pawg kawm ntawv tiav. Chavkawm ib tug qes duas uas tau muab luj kuj coj los siv hauv ib tsevkawm theem siab twg, high school sites, los txheeb cov tub ntxhais kawm los muab cov pajtshab qhuas kev zoo, kev txawj ntawm qee yam twg. Chavkawm tus qes duas rau cov tub ntxhais kawm qib kaum-ob yog siv raws li tus qhabnee zauv suav uake ntawm xya semesters.

## Suav Tus Qhabnee Grade Point Average (TRUSD AR 5121)

Ib tug tub ntxhais kawm tau tsib qhabnee (credits lossis units) rau ib chavkawm twg nyob hauv ib semester uas yog ib tug qhabnee ntawv (A, B, C, D, P) kawm dhau thiab tau. Tsis muab cov qhabnee zauv, credit, nyob ntu thaum tsib-limtiam, cuaj-limtiam lossis kaum-plaub-limtiam cov daimntawv qhia qhabnee. Cov qhabnee nyob rau cov sijhawm thaum ntawd tsuas yog cov daim ntawv qhabnee qhia rau cov menyuam kawm thiab cov niam txiv paub hais tias tus menyuam kawm tau zoo licas lawm xwb. Tus qhabnee zauv suav txhua yam uake yog suav los ntawm txoj kev muab cov qhabnee ntawv tso nyob rawv cov zauv xws li no (A=4, B=3, C=2, D=1, F=0) rau tagnrho cov chavkawm dua li ntawd lawm txoj kev siv no muaj tshab raws li no (A=5, B=4, C=3, D=1) rau cov chavkawm uas lub Koog Tsevkawm xa tuaj mus rau cov tsevkawm txheesjab University of California kom ib tug qhabnee zauv loj zog li pom no rau (cov kev kawm Advanced Placement thiab qib kawm 11th thiab 12th cov kev kawm Honors). Cov kev kawm uas taug cov qhabnee zauv loj zog ntawd muaj lub cim (+) nyob rau hauv tub menyuam kawm daimntawv qhabnee transcripts.

## Keu Kawm Npaj Rau College (P)

Ib qho kev kawm twg uas muaj tus cim (P) yog ib chavkawm npaj rau tsevkawm txheesjab uas muaj lossis ua tau raws li ib nqe lus ntawm tus cai tsim los ntawm the UC/CSU system hauv lawv cov cai “A-G” kev txais kawm rau hauv tsevkawm txheesjab.

## Cov Kev Kawm uas Rov Kawm Tau Dua (TRUSD AR 5121)

Qee cov kev kawm kuj kawm tas los kawm dhua kom tau qhabnee (xws li Advanced Band). Mus ntsib koj tus counselor kom paub cov ntau ntawv qhia ntau tshaj ntxiv.

# Keu Kawmntawv Cov Tsub Cai

## Kawm Duab Ib Txoj Kev Kawm (TRUSD AR 5121)

Ib tug tub ntxhais kawm twg kuj sau tau daimntawv thov hloov ib tug qhabnee twg ntawm ib txoj kev kawm los ntawm txoj hau kev los kawm dua chavkawm ntawd nrog rau qhov kev totaub thiab ntawm nqe lus wjceeb no: Tus qhabnee tau nyob hauv chavkawm uas rov kawm dua ntawd yuav yog tus tshwm nyob hauv daimntawv qhabnee transcript (siab tshaj lossis qes tshaj).

## Chavkawm Theem Honors (TRUSD BP 5121)

Ib chavkawm muaj tus cim “+” yog nyob theem honors lossis Advanced Placement (AP) kev kawm uas muaj lossis ua tau raws li tus cai cov nqe tsim los ntawm the UC/CSU systems. Cov tsev kawm txheejsiab plaub-xyoos kuj muab ib qhabnee ntxiv rau tus qhabnee zauv dhau rau hauv ib chavkawm theem honors (“+”) thaum suav nws cov qhabnee uake rau txoj kev txais kawm qhov kev ntsuamxyuas. Tsevkawm txheejsiab University of California tsab cai hais tias lawv pom zoo rau ntau kawg plaub qhov kev kawm theem honors/AP uas thiab li tau qhov qhabnee tshaj ntxiv thaum suav tus zauv GPA rau UC/ CSU cov kev txais kawm. Tsevkawm cov thajchaw muab qhabnee zauv tshaj ntxiv rau tagnrho cov kev kawm theem honors thiab AP (tsuas yog cov kev kawm theem honors thaum kawm nyob qib 9th thiab 10th xwb thiab li tsis tau cov qhabnee tshaj ntxiv ntawm no). Tsevkawm txheejsiab University of California tejzaum kuj tso cai muab lawv qhabnee rau cov kev xeem ntawm Advanced Placement exams uas yog ib tug tub ntxhais kawm twg xeem tau qhabnee score siab li 3 lossis siab tshaj rov saud. Qhov qhabnee credit no tejzaum muas tau credit, kev kawm tiav li credit, lossis credit mus rau kev kawm txhua yam (general education) lossis tus cai cov nqe lus kawm ib qho kev kawm nyob ntau koog chaw kawm (breadth requirements), raws li txiav txim los ntawm cov neeg tshuaj xyuas nyob txhua lub tsevkawm txheejsiab UC twg. Lwm cov koog theem Honors (AP) ntawm cov chavkawm uas xaiv tau uas muaj qhia nyob rau tom cov tsevkawm kom txhawb nqa qhov kev kawm txoj kev saib ntawv paub tob tshaj no ntxiv ntawm chavkawm uas ibtxwm qhia (i.e. Honors English 9, Honors Biology, etc.). Cov kev kawm no tsis tau qhabnee grade points tshaj ntxiv rau cov qhabnee dhau, passing grades, hauv txoj dejnum ua haujlwm txiav txim txoj kev txais kawm ntawv.

## Qhabnee Kawm Tsis Tiav (TRUSD AR 5121)

Ib semester tus qhabnee grade kawm tsis tas (I) yog tus qhabnee tus xibfwb yuav muab rau, nrog tsevkawm tus coj qhov kev pom zoo, thaum uas ib tug menyuam kawmntawv ua tsis tiav tus cai cov nqe hauv txoj kev kawm yeebvim muaj ib qho pom zoo ncuas tsis tuaj kawm ntawv ntev hnuv lossis muaj xwm txheej loj. Tus tub ntxhais kawm yuav tau li rau limtiam los ua kom tiav cov haujlwm uas tseev kom ua ntawd thiab tau ib tug qhabnee dhau. Ib tug qhabnee grade kawm tsis tas twg uas yog daws tsis tau txog hnuv ntawd yuav hloov mus ua tus “F.”

## Tawmtsam Txoj Kev Kawm los Xeem Ntawv (TRUSD AR 6155)

Tsevkawm theem siab cov tub ntxhais kawm, pom zoo rau lawv los mus tawm tsam ib txoj kev kawm twg los ntawm txoj kev xeem qhov kev kawm ntawd kom tau tus qhabnee grade thiab qhov qhabnee credit kom lawv thiab li kawm tiav sai thiab kom lawv thiab li tau cov kev xaiv raws li lawv ntshaw ntawm cov kev kawm electives. Txoj kev xeem yuav muaj txhua yam tagnrho huv tib si ntawm txoj kev kawm cov ntsiab lus kev qhiantawv. Kev ua tau zoo tiav hlo ntawm txoj kev xeem no uas nyob rau hauv ib theem uas qhia tau hais tias muaj kev txawj ntawm cov ntaub ntawv thiab/lossis pom tau tias muaj lub hwjtsam zoo rau mus kawm qhov kev kawm siab zog tom ntej toj mus ntxiv. Qhov cim tseg ntawm txoj kev kawm qhov kev kawm tiav hlo los ntawm txoj kev kawm tsam qhov kev kawm no los ntawm txoj kev xeem ntawv yuav muab teev tseg rau hauv tus menyuam kawm daim ntawv qhabnee transcript.

## Qhabnee Credit Tau los ntawm Kawm Hauv ib lub Community College (TRUSD 6146.11)

Ib tug tub ntxhais kawm yuav tsum muaj txaus cuag qhov tsawg kawg ntawm tus cai cov nqe lus tsim tseg los ntawm lub tuamtxhab tsevkawm tom qab theem ob kawmntawv (post-secondary institution) mam thiab li yuav tso npe xa tuaj ua Kev Kawmntawv Txheejsiab (Advanced Education) ib tug tub ntxhais kawm. Yuav kom tau qhov qhabnee credit ntawm qhov kev kawm nws kawm tom tsevkawm txheejsiab ob-xyoos lossis plaub-xyoos los ua tsevkawm theem siab cov qhabnee credit, tus menyuam kawm yuav tsum kawm dha txoj kev kawm ntawd nrog ib tug D lossis zoo tshaj ntawd thiab ua tiav daimntawv tibtxhij kawm uake (a concurrent enrollment form). Txoj kev kawm ntawd yuav tsum yog ib qho uas tau kev pom zoo ntawm tsevkawm txheejsiab tus cai cov nqe txais kawm, uas siv tau mus rau tsevkawm txheejsiab-theem koog kev kawmntawv general education tus cai cov nqe lus, lossis yog ib feem ntawm ib qho kev kawm ua haujlwm nyob txoj hau kev taug mus kawm tiav ib qho degree lossis ib daim certificate (BP 6146.11).

Tsevkawm txheejsiab ib tug qhabnee unit muaj nqes li 3.33 qhabnee credit rau tsevkawm theem siab, high school credits. Tsevkawm txheejsiab ib txoj kev kawm uas yog peb-qhabnee unit muaj nqe sib luag li 10 qhabnee credit rau tsevkawm theem siab.

## Sab nraum Online Cov Kev Kawm (TRUSD 6146.11)

Thaum ib tug tub ntxhais kawmntawv tau rau npe kawm tam li yog TRUSD ib tug menyuam kawm lawv kuj kawm tau tsevkawm theem siab cov qhabnee credit los ntawm txoj kev mus kawm cov kev kawm online hauv ib lub tuamtxhab sab nraud uas cov qhabnee credits ntawd suav tau nrog txoj kawm ntawv tiav yog hais tias:

- Lub tuamtxhab qhia ntawv online ntawd muaj npe tso cai qhia
- Txoj kev kawm yog ib feem ntawm tus menyuam kawm lub

tswvim npaj qhov kev kawmntawv 5 CCR 1633 (*Kev Kawmntawv Tus Zauv Cai 51740-51741*)



## Kev Kawmntawv Cov Cai

### **Ntiajteb Lus Kev Qhia Ntawv (TRUSD 6146.11)**

Lub koog tsevkawm yuav tsum muab qhabnee credit rau cov kev kawm neeg txawv tebchaws cov lus thaum uas kawm tiav hlo txoj kev kawm hauv ib lub tsevkawm ntiav nyiaj thiab yuav tsum muab cov qhabnee credit suav nrog rau tus cai nqe lus neeg txawv tebchaws lus uas tau sau qhia tseg rau cov qib 9 - 12. Yog tus tub ntxhais kawm lossis tus niam txiv/neeg saibxyuas sau ib tsab ntawv tuaj thov kom tau cov qhabnee credit, yuav tsum qhia lub tsevkawm ntiav nyiaj lub npe thiab tus nqe them npaum licas thiab cov qhabnee credit thov yog ntau npaum licas, thiab xa ib daimntawv qhabnee transcript lossis lwm cov ntaubntawv muab los ntawm lub tsevkawm ntiav nyiaj uas nws qhia txog tus me nyuam kawm txoj kev kawm tiav ntawm qhov kev kawm, cov qhabnee credit thov yog sib npaug li qhov tsawg kawg ib semester qhov kev kawm cov haujlwm ua thiab tsevkawm tus coj lossis tus ua lub luag haujlwm txiav txim hais tias tus menyuam kawm qhov kev ua tau (achievement) yeej sib npaug li piv rau ntawm qhov kev cia siab rau ib tug menyuam kawm uas muaj peevxwm kawm ua ntawm txoj kev qhiantawv zoo tibyam lossis ze li ntawd hauv lub koog tsevkawmntawv. (BP 6146.11 thiab *Kev Kawmntawv Tus Zauv Cai 51243-51245*)



### **Mandatory Interim Student Records Folders**

Cov Phauntawv Tuav Menyuam Kawm Cov Ntaubntawv (Mandatory Interim Student Records - formerly cum) yuav tsum raws nrog cov menyuam kawm ntawm nws lub tsevkawm mus rau tsevkawm tshiab thiab koog tsevkawm rau koog tsevkawm tshiab. Cov koog tsevkawm, raws li txoj cai, pub lawv khaws tseg phau qauv ntawm cov ntaubntawv nyob rau ntawm lawv thiab xa cov ntaubntawv uas tau theej tseg mus rau lub tsevkawm tshiab tom ntej uas tus menyuam tau mus rau npe kawm. Cov niam txiv muaj txoj cai tau cov ntaubntawv uas tau muab khaws cia nyob hauv lawv tus menyuam kawm phauntawv, thiab los ntawm txoj kev thov, kuj yuav theej cov ntaubntawv rau lawv nrog rau ib tug nqe them nyiaj. Cov phauntawv yuav tsum muab rhuav tshem pov tsem tom qab xyoo tsib uas cov menyuam kawm twb tsis tuaj kawm ntawv ntxiv lawm.

# Cov Kooshaum Tus Phiajxwm

## Advanced Placement (AP) – Qib Siab

AP cov kev kawm muaj qhia nyob rau hauv Foothill High School, Grant Union High School, Highlands High School, thiab Rio Linda High School. Lub koomhaum tus phiajxwm Advanced Placement (AP) program yog ib yam haujlwm koom siab uake uas pab tsevkawm theem siab cov tub ntxhais kawmntawv kawm tiav tau cov kev kawm nyob tsevkawm txheejsiab-theem thiab pab cov tsevkawm txheejsiab los ntsuam xyuas, lees paub, thiab txhawb dejsiab rau qhov ua tau tiav hlo ntawd los ntawm txoj kev pom zoo muab cov qhabnee credit thiab/ lossis qhov chaw tso kawm raws li qhov tsimnyog. Lub koomkaum AP yog ib yam uas siv nyob thoobplaws lub tebchaws; nws cov tsab cai uas tau txiaiv txim los ntawm cov neeg sawvcev hauv Tsevkawm Txheejsiab Tsoom Kav Tswj cov pabpawg koom xws li cov tuamtshab tsev qhiantawv thiab cov tuamtshab kooshaum uas nyob thoobplaws hauv lub tebchaws (cov tsevkawm theem ob, cov tsevkawm txheejsiab ob-xyoos thiab plaub-xyoos universities uas yog rau pejxeem thiab rau ntiav kawm) thiab tau coj los nqes tes khiav haujlwm ntawm Tsevkawm Txheejsiab Tsoom Kav Tswj.

Advanced Placement cov kev xeeb muaj xeeb nyob txhua lub caij ntuj nplooj ntoos hlav. Cov tub ntxhais kawmntawv txoj kev kawm tau zoo hauv AP cov kev kawm feem ntau muab kev npaj tsimnyog txaus rau cov kev xeeb ntev peb-xojmoos nkaus uas muaj txhij txhua yam kawm tas hauv txoj kev kawm. Txhua txoj kev xeeb tsuas yog coj los cob rau xeeb txhua xyoo ib zaug nyob ntu kawm thawj limtiam thiab limtiam thib ob hauv lub Tsib Hlis Ntuj. Feem coob ntawm cov tsevkawm txheejsiab muab cov qhabnee credits thiab/lossis qhov advanced placement rau cov chaw kawm uas qhia pom tias muaj kev txawj tsimnyog. Cov ntaubntawv qhia ntxiv txog lub koomhaus tus phiajxwm AP program muaj nyob hauv cov counselors lub chav ua haujlwm thiab ntawm <http://apcentral.collegeboard.com/home>

***Cov tub ntxhais kawm uas lawv xaiv los ua ib qho AP txoj kev xeeb yuav tau them tus nqe xeeb uas yog Tsevkawm Txheejsiab Tsoom Kav Tswj yog pawg tsub nqi. Cov ntawv thov txo tus nqe them kom tsawg, yeebvim kev txom nyem nyiaj, muaj nyob hauv cov counselors lub chav ua haujlwm.***

## Lwm Txoj Kev Kawmntawv

Twin Rivers Unified School District muaj peb lub tsevkawm theem siab alternative high school options. Lawv yog:

- Keema School for Independent Study
- Pacific High School
- Vista Nueva High School

Rau cov ntaubntawv qhia txog cov cia rau kev tuaj kawm ntawv, thov mus saib koj tus counselor.

## Twin Rivers Adult School

Twin Rivers Adult School muaj cov cibfim kev qhiantawv thiab kev qhia kawm ua haujlwm xws li:

- **A-G Credit Recovery** - Rau Twin Rivers Unified tsevkawm theem siab cov tub ntxhais kawm uas xav tau cov qhabnee credits ntxiv rau yeebvim muaj tsis txaus rau hauvpaus kev kawm cov chaw
- **English as a Second Language** – Rau cov neeg kawmntawv uas muaj hnuvnyoog, adult students, uas ntshaw los txhim kho ntxiv lawv cov kev txawj lus Askiv hauv kev nyeem ntawv, hais lus, thiab sau ntawv
- **GED** – Cov chavkawm muaj qhia nyob lus Mev thiab lus Askiv rau cov neeg kawmntawv muaj hnuvnyoog 18 xyoo lossis laus tshaj rov saud, thiab Twin Rivers Adult School yog ib thajchaw tseeb uas cob txoj kev xeeb GED test.
- **High School Diploma** – Rau cov neeg kawmntawv muaj hnuvnyoog uas xav tau lawv daimntawv kawm tiav, high school diploma

Rau cov ntaubntawv qhia ntau tshaj no, hu 916 566-2785 lossis mus saib <http://www.tras.edu/>

## Kev Saibxyuas Nrog Community Colleges

Articulation yog txoj haukev ua dejnum los ntsuam xyuas cov kev kawm seb cov haujlwm ua tiav hauv cov kev kawm nyob hauv tsev kawm theem siab lossis qhov CTE puas ua tau raws li txoj cai cov nqe lus ntawm ib lub tsevkawm txheej ob-xyoos twg lossis cov tuamtshab tsevkawm tom qab theem ob. Articulation txoj hau kev ua dejnum yog tsim los pab cov tub ntxhais kawmntawv kawm tiav hlo ib txoj kev kawm, tus phiajxwm qhia lossis ib theem kev kawmntawv twg mus rau qhov kawm tom ntej kom tsis txhob rov tau kawm dhau cov kev kawm uas qhia muaj ntsis zoo tibyam rau cov qhabnee uas twb tau lawm. Txoj kev xaiv kawm ntawm no yog los kawm kom tau tsevkawm txheejsiab cov qhabnee credits thaum tseem nyob hauv tsevkawm theem siab; mus ntsib tus kws qhia ntawv kom paub cov ntaubntawv qhia ntau tshaj no.

## AVID

Kev Huajvam Mus Rau Qhov Txheejsiab Los Ntawm Txoj Kev Txiaiv Txim Siab Ntawm Nws Tus Kheej - Advancement Via Individual Determination (AVID) yog ib tug txheej txheem kev npaj hauv theem pib mus xaus rau tom qab tsevkawm theem ob uas yog tsim los pab nce kawm tau ntawv ntxiv thiab nce tus peevxwm ua tau zoo ntxiv nyob thoobplaws txhua lub tsevkawm. AVID tus txheej txheem pab tub ntxhais kawmntawv txoj kev kawm mus nrawm, siv txoj kev qhiantawv zoo cov tswvyim uas yog kev tshawbfawb los, muab rau lawv cov kev txhim kho loj hlob txhawb kev rau siab thiab muaj txiajntsim zoo, thiab sawvcev tam li yog ib lub zog rau tus txheej txheem kev txhim kho tshiab thiab hloov dua.

# Cov Kooshaum Tus Phiajxwm

Txawm hais tias AVID ua haujlwm rau tagnrho cov tub ntxhais kawm los, nws tsom lub luag haujlwm los rau cov menyuum kawmntawv uas tau kev pabcuam tsawg tshaj hauv kev kawm ntawv nyob ntu txawj nruab nrab. Tus qauv ua mas yoojyim xwb – cov kev cia siab rau ntawm cov tub ntxhais kawmntawv muab nce ntxiv, nrog rau AVID tus txheej txheem txhawb kev pab, lawv yuav sawv tsees los mus tim ntsej tim muag rau qhov kev tawm tsam ntawd. Qhov uas txawv thiab cais AVID ntawm lwm cov koomhaum tus phiajxwm tsav txoj kev txhim kho hauv kev kawm ntawv mas yog nws txoj kev ua haujlwm tau zoo, ntau tus kawm tiav. Txij li xyoo 1990, ntau tshaj li 85,500 leej ntawm AVID cov tub ntxhais kawm tau kawv tiav hauv tsevkawm theem siab nrog muaj txoj kev tau npaj mus toj kawm ntawv ntxiv hauv tsevkawm txheejsiab. Li ntawm 22,210 leej ntawm AVID 2010 cov tub ntxhais kawm qib kuam-ob, cov uas tau qhia tawm lawv cov tswvyim kev npaj, 91.3% npaj siab yuav mus kawm toj ntxiv rau cov tsevkawm tom qab theem ob, 58.3% hauv cov tsevkawm txheejsiab plaub-xyoos thiab 33.0% hauv cov tsevkawm txheejsiab ob-xyoos.

Tsis tab li ntawd xwb ntawm cov tub ntxhais kawm txoj kev rau npe kawm hauv lawv lub tsev kawmntawv cov chavkawm uas nyuaj tshaj, xws li cov kev kawm honors thiab Advanced Placement®, lawv kuj tseem kawm cov AVID elective thiab. Rau lub caij kawm nyob ntu no hauv txhua hnub, lawv kawm txog cov kev txawj paub qabhau thiab cov kev txawj sau ntawv, xyaum kev txawj xav tob thiab txawj nug cov lus raws, mus nrhiav kev pab ntawm cov phooj ywg thiab tsevkawm txheejsiab cov neeg pab qhia ntawv, thiab koom hauv cov kev ua, kev kawm, uas pab tus kheej thiab txhawb kev mob siab kawm uas ua rau lawv pom tau hais tias kev kawm tiav college yeej mus taus thiab. Lawv txoj kev pom ntawm lawv tus kheej hloov mus rau qhov zoo thiab lawv hloov mus ua ib co koj kawm tau ntawv zoo thiab yog ib co qauv zoo rau lwm tus tub ntxhais kawmntawv.

## Dual Enrollment – Tibtxhij Rau Npe

American River College (ARC) kev kawm deb tib txhij rau npe kawm cov chavkawm yog ib semester (nrab xyoo) ntev cov kev kawm, thiab cov tub ntxhais kawm tas ib qho kev kawm yuav tau 10 qhabnee credit hauv tsevkawm theem siab thiab 3 qhabnee credit hauv tsevkawm txheejsiab college. Cov kev kawm no yuav muaj qhia nyob hauv Highlands High School, Rio Linda High School, Grant High School, Foothill High School thiab Creative Connections Arts Academy. Lub tsevkawm txheejsiab college cov qhabnee credits ntawm no kuj xa tuaj tau mus rau University of California (UC), California State University (CSU) thiab Zej Zog Cov Tsevkawm Txheejsiab. Cov kev kawm ntawm no yuav tsum kawm dhau nrog tus qhabnee ntawv C lossis zoo tshaj rov saud mas thiaj li tau tsevkawm txheejsiab college li qhabnee credit.

## CTE Cov Haukev Taug

Kev Kawm Ua Haujlwm (Career Technical Education - CTE) txoj hauv kev taug cov kev kawm muaj qhia raws li yog txoj haujlwm rau ntau

cov koomhaum txoj hauv kev taug. CTE cov kev kawm qhia rau cov tub ntxhais kawm uas muaj hnubnyoog lidas los muaj txog cov kev txawj kawm ntawv thiab txawj siv tes ua, kev paub, thiab cov kev xyaum uas tsimnyog los ua tau zoo nyob yav pem suab cov haujlwm thiab los hloov ua ib co neeg kawm ua neej nyob ntev loo. Tagnrho CTE cov kev kawm muaj qhia kawm uas siv tes xyaum ua kiag hauv ib hom kev ua haujlwm twg uas muaj txiajntsim rau lub zej zog thiab lub xeev. CTE txoj hauv kev taug cov kev kawm kuj muaj ntau yam zoo thiab muaj txiajntsim zoo hauv kev kawm xws li tau tsevkawm txheejsiab college cov qhabnee credit nyog rau cov kev kawm uas tsimnyog tau, tau cov ntawv povthawj txawj ua haujlwm industry certifications thiab cov povthawj muaj kev txawj ua ib yam haujlwm thiab muaj kev npaj tau mus pib ib txoj haujlwm twg, industry sector.

## English Learners – Neeg Kawm Lus Askiv

Twin Rivers tau cog lus los npaj cov tub ntxhais kawm tiav, xam nrog cov neeg kawm lus Askiv, uas muaj cov kev txawj lus, txawj ntaubntawv, thiab txawj koj thiab muaj peevxwm uas yog cov lawv tsum yuav muaj rau tsevkawm txheejsiab college, rau haujlwm, thiab rau cov kev koomtes ua koj ua pejxeem zoo hauv lub ntiaj teb no uas yog thoobplaws lub qab ntuj no nrog ntau haivneeg thiab ntau hom lus. Twin River lub homphiaj yog rau cov neeg kawm lus Askiv kom lawv siv tau thiab koom tau huv tibi thiab muaj txiaj ntsim rau lawv nyob hauv tiam neesnkawm-ib kev kawmntawv uas tshwm sim tau los rau lawv cuag tau lawv txoj txawj tsimnyog lus Askiv nyob cov theem siab, kawm txawj qib theem cov qauv kev kawm, thiab tau cov cibfim los tsim kev txawj tsimnyog hauv ntau hom lus. Twin Rivers tsum los mus muab rau cov neeg kawm lus Askiv nrog txoj kev qhiantawv txhim kho lus Askiv (ELD) uas zoo tshaj plaws, nrog ntxiv rau tib yam li los mus cob qhia cov xibfwb, cov neeg txawj ntawv, hauv txoj kev tsim kho loj hlob, uas tseem ceeb tshaj yog rau cov kev kawm ELD tso sib xyaw uake thiab ELD tsim rau, yam uas nws yeej txawj lawm thiab pab rau cov kev xav tau, es lawv thiaj li paub los pab thiab cuag tau cov tub ntxhais kawm lus Askiv cov kev xav tau hauv kev kawm, kev koj sibtham lus, raugzoo, thiab lus.

Dua li uas los tsum kwm txoj kev qhiantawv qhov kev kawm, lub Chav Tswj Neeg Kawm Lus Askiv Cov Kev Pabcuam kuj txhawb nqa txoj kev koomtes tau zoo ntawm cov niam txiv ntawm cov neeg kawm lus Askiv uas lawv yog ib co neeg muaj feemxyuas tseem ceeb hauv txoj kev vammeej ntawm peb cov tub ntxhais kawm ntawv. Qhov kev txhawb nqa ntawm no kuj xam nrog xws li ntawm txoj kev tsim tsa txoj kev khiav haujlwm ntawm Pawg Neeg Tawm Tswvyim rau Neeg Kawm Lus Askiv (ELAC) thiab tsim tau ib qho chaw txais tos zoo rau cov neeg kawm lus Askiv thiab lawv tsevneeg thiab txoj kev khiav haujlwm ntawm lub Koog Tsevkawm Pawg Neeg Tawm Tswvyim rau Neeg Kawm Lus Askiv (DELAC).



# Cov Kooshaum Tus Phiajxwm

## Neeg Kawm Lus Askiv (toj ntxiv)

Cov cuabyig thov txog cov kev pabcuam txhais lus rau ib tug twg thov tau rau tom lawv lub tsevkawm thiab/lossis tom koog tsevkawm hauvpaus loj chav department. Txhua lub dagzog yuav siv los mus muab kom tau txoj kev txhais lus cov pabcuam rau hauv ntaubntawv thiab tus neeg txhais lus kom ua haujlwm tau zoo li tsimnyog. Yog koj muaj kev txhawjxees txog cov kev pabcuam txhais lus hauv ntaubntawv/kev txhais lus hais tawm, koj kuj hu tau rau koj lub tsevkawm lossis peb lub Chav Tswj Cov Neeg Kawm Lus Askiv Cov Kev Pabcuam ntawm (916) 566-1600, tus zauv txuas 33424.

## Kooshaum Nce Kev Kawmntawv Tiav

Cov tub ntxhais kawm uas xav tau cov kev cibfim kev pab ntxiv rau hauv kev kawmntawv kom thiaj li cuag tau TRUSD lub tsevkawm theem siab cov cai kawm tiav, lawv kuj los koom tau rau hauv lub koomhaum Graduation Rate Increase Program (G.R.I.P.). Rau cov ntaubntawv qhia ntau tshaj no, thov hu koj tus menyuam tus counselor.

## Seal of Biliteracy (Txawj Ob Hom Lus)

Twin Rivers Unified School District muab lub Xeev lub Thwj ntawm Kev Txawj Ob Hom Lus raws li cov nqe lus tau tsim tseg los ntawm Khaslisfosnias Chav Tswj Kev Kawmntawv. Lub koom haum tus phiajxwm no lees paub, pom tsevkawm theem siab cov tub ntxhais kawmntawv uas kawm tiav nrog muaj kev txawj ib hom lus twg dua li ntawm lus Askiv uas txawj hais lus, nyeem ntawv thiab sau ntawv hauv ib theem siab kev txawj tsimnyog. Nws yog ib lub thwj kub zwm rau hauv tsevkawm theem siab daimntawv kawm ntawv tiav, high school diplomas, rau ntawm cov tub ntxhais kawm uas tsimnyog tau thiab qhia meej nyob rau hauv lawv lub tsev kawm theem siab daimntawv qhabnee transcript. Cov tub ntxhais kawm uas tsimnyog tau, lawv kuj yuav tau ib lub kib hlau nrog rau ib txoj hlua meejmom los hnab nyob ntawm ntu lawv lub koobtsheev lav ntawv kawm tiav.

## Seal of Civic Engagement (Ua Pejxeem Coj Zoo)

Twin Rivers Unified School muab kev txhawb siab lub Xeev lub Kib ntawm Pejxeem Kev Koomtes Coj Zoo raws li cov cai nqe lus tsim los ntawm California Chav Tswj Kev Kawm. Lub State Seal of Civic Engagement (SSCE) yog ib lub cibfim los muab rau taghro cov tub ntxhais kawm, tshwjxees yog rau cov uas nyob cov zej zog uas tsis tshua muaj nqes, los tau cov cibfim kev kawm uas zoo, ntxim nyiam thiab tseeb tiag. Cov cibfim ntawd yuav ua rau cov tub ntxhais kawm los nkagsiab hais tias txhua tus menyuam kawm ntawv yeej muaj nqes thiab nyob muaj chaw hauv peb pabpawg haivneeg tebchaws saib kev huaj vam sib luag thiab uas lawv muaj txoj cai thiab txoj dejnum los tsim lub ntiajteb thiab lawv lub zej zog, ib thajchaw zoo tshaj qub tuaj. California lub Xeev Pawg Tsoom Kav Tswj ntawm Kev Kawmntawv (SBE) tam sim no

lawm muab kev txhawb siab ntawm cov kib SSCE tuaj rau taghro California cov tub ntxhais kawm uas ua rau pom muaj kev ua tau zoo heev hauv pej xeem kev coj zoo kev kawm los ntawm kev koom tes rau pejxeem cov kev ua thiab muaj ib qho kev totaub paub txog lub tebchaws Meskas Txoj Cai Loj Tshaj Plaws, California Constitution, thiab tus txheej txheem kev huaj vam sib luag ntawm nom tswv kev khiav haujlwm tswj tebchaws. Nws yuav yog ib lub thwj xim kub uas zwm rau hauv lub tsevkawm theem siab daimntawv kawmntawv tiav (diploma) ntawm cov tub ntxhais kawm uas tsimnyog tau lawv thiab nws kuj yuav sau qhia rau hauv lawv lub tsevkawm theem siab daimntawv qhabnee.

## Kev Kawm Tshwjxees Cov Kev Pabcuam rau Kev Kawm Tshwjxees Cov Menyuam Kawmntawv

Lub luag haujlwm ntawm Twin Rivers Unified School District Chav Tswj Kev Kawmntawv Tshwjxees (Special Education Department) yog txhawb txhua tus menyuam kawmntawv kom muaj txoj kev ntshaw los ua tau yam zoo tshaj plaws txhua hnub. TRUSD Special Education Department muab ntau hom Kev Kawmntawv Tshwjxees cov kev pabcuam thiab cov koomhaum rau cov tub ntxhais kawm uas txheeb tau hais tias muaj cov kev xav tau kev pab raws li muaj hauv Kev Kawmntawv Tshwjxees Txoj Cai. Cov tub ntxhais kawm tau hom kev qhiantawv uas raws li cov qauv, raws li Xeev Khaslisfosnias Cov Qauv Hauvpaus Kev Kawm Kev Qhiantawv (California Common Core State Standards), nyob nrog raws li hauv lub Tswvyim Tsav Tus Kheej Txoj Kev Kawmntawv (Individualized Education Plan -IEP). Qee cov koomhaum tus phiaj xwm tsis hloov nyob twj ywm li qub ib xyoo rau ib xyoo ho qee cov kuj hloov nyob txwm txhua lub xyoo kom thiaj li ua tau los cuag cov tub ntxhais kawm cov kev xav tau uas niaj zaus hloov. Cov tub ntxhais kawm tsuas yog tsimnyog tau kev kawmntawv tshwjxees thiab nws cov kev pabcuam txheebze xwb tom qab uas tau txais kev pom zoo los ntawm Kev Kawmntawv Tshwjxees ib pawg neeg ntsuam xyuas. Qhov uas muaj npaum licas zaug, ntev npaum licas, thiab yog hom dabtsi ntawm txoj kev pabcuam uas tau txais kev pom zoo nyob rau hauv pabpawg lub rooj sibtham los teb lus rau ib tug twg cov kev xav tau kev pab ntawm txhua tus tub ntxhais kawm.

## Kev Qhia Ntawv rau ib Pawg Me

Lub koomhaum tus phiajxwm tsav txoj kev qhiantawv ntawm no yog muab rau cov tub ntxhais kawm uas Tsis muaj txoj hau kev los mus koom tau lossis siv tau txoj kev qhiantawv hauv kev kawm ntawv thujpajis (general education) hauv ib lub chavkawm uas qhia rau txhua tus. Tus phiajxwm qhiantawv no qhia mus ib seem tibyam li lub chavkawm qhia rau txhua tus thujpajis thiab yoog raws li Khaslisfosnias Cov Qauv Haujlwm (California Frameworks). Cov tub ntxhais kawmntawv yuav los tsim cov kev totaub txog cov ntsiab lus tswvyim thiab cov kev txawj hauv cov chaw kev kawm nyob tib txhij thaum kawm raws li txoj kev qhiantawv uas muaj nyob rau hauv cov chaw kev kawm, kev coj zoo, thiab cov kev txawj saib ntawv kom thiaj li hloov tau mus ib cov neeg kawm ntawv uas tsis tos kev pab ntawm leej twg ntau ntau ntxiv.

# Cov Kooshaum Tus Phiajxwm

## Tshwjxeeb Kev Qhia Kawm Ntawv Rau Ib Qho

Kev Kawmntawv Tshwjxeeb cov neeg ua haujlwm, lawv ua twb zoo khiav haujlwm uake nrog kev kawmntawv qhia thujpaj cov xibfwb los muab kev pab qhia ntawv thiab kev pab lwm yam ntxiv rau cov tub ntxhais kawm uas tau raug tso kawm nyob hauv cov chavkawm qhia ntawv rau sawvdaws.

## Tus Phiajxwm Qhia Cov Kev Txawj Pab Tus Kheej

Lub luag haujlwm ntawm lub Koomhaum Ua Neej Tsis Tos Leej Twg Cov Kev Txawj (Independent Living Skills Program) yog muaj los rau cov tub ntxhais kawmntawv muaj cov kev txwv ua tsis tau no tso nyob rau hauv ntau cov chaw kev kawm cov kev txawj thiab hauv cov kev kawm uas puv siv tes los xyaum thiab ua kom ho txhawb dejsiab rau lawv ua rau lawv ntseeg siab lawv tus kheej los mus hloov ua ib tug neeg tsis tos leej twg txoj kev pab li qhov nws ua tau. Pivtxwv li, cov kev txawj nyeem ntawv yog ib co uas tau coj los kawm los ntawm txoj kev los nyeem txog cov khoom uas tsimnyog rau kev ua thiab siv txhua hnuv hauv lub neej, thiab cov kev kawm kev ua zauv (lej) uas pab cov tub ntxhais kawm nrog kev paub saib xyuas nyiaj xtiag thiab lwm cov kev txawj uas tseemceeb rau txhua hnuv hauv kev ua neej. Cov tub ntxhais kawm muaj lub cibfim los mus ncig paub txog lawv lub zej zog los ntawm ntau hom thiab ntau cov kev xyaum mus ncig saib chaw hauv lub zej zog ua lawv siv cov kev txawj uas lawv kawm tau raws li hais saud coj los siv (xws li, mus yuav khoom noj, mus ntsib cov chaw kev pab xws li tsev xa ntawv, YMCA, tsev saib ntawv, cov thajchaw haujlwm, thiab lwm yam zoo sib xws).

## Ntawv Povthawj-Tomqab ntawm Lub Kooshaum Tus Phiajxwm Kawm Tiav

Muab cov kev pabcuam ntu kev hloov (transition services) thiab kev kawm pom thiab paub dhau los coj los rau cov tub ntxhais kawm tom qab hauv tsevkawm theem siab uas kawm tsis tiav es tseem tsis tau daim ntawv kawm tiav diploma thiab xav tau qee cov kev pab ntxiv rau lawv txoj kev hloov mus ua ib tug neeg muaj hnuvnyoog. Qhov tseemceeb yog tsom rau ntawm txoj kev txhim kho cov kev txawj ua neej hauv txhua hnuv, tus kheej cov kev txawj coj, thiab cov kev txawj ua haujlwm. Cov tub ntxhais kawm xyaum ntsia noos cov kev txawj rau tus kheej kev ua neej thiab kev ncig mus ub mus no hauv zej zog tsis tos leej twg pab. Lawv kuj koom nrog rau hauv cov cibfim kev cobqhia haujlwm nrog zej zog cov lagluag thiab tuamtxhab kooshaum. Tagnrho txhua yam ntawm lub homphiaj yog rau cov tub ntxhais kawm kom lawv kawm tau cov kev txawj pab lawv rau hauv kev ua neej thiab kev ua haujlwm uas qhov no yuav ua rau lawv nrhiav tau haujlwm ua nrog rau muaj nce qeb nyob ntau theem ntawm tus coj saib xyuas haujlwm. Cov thajchaw uas nrhiav neeg ua haujlwm mas lawv nrhiav raws li ib tug tub tug ntxhais kawmntawv twg uas muaj peevxwm ntawm kev kawm thiab muaj cov kev nyiam.

## Cov Pabcuam Txheebze

Cov kev pabcuam txheebze uas muaj rau cov tub ntxhais kawmntawv uas yog lawv raug txheeb hais tias tsimnyog tau cov kev pabcuam ntawd uas tau sau tseg nyob hauv lub tswvyim IEP qhov dejnum khiav haujlwm. Cov ntawm no tsis yog cov kev pabcuam qhiantawv thiab Tsis muaj piav txog nyob hauv phauntawv no.



# CTE Cov Haukev Taug

TRUSD muaj qhia ntau txoj haukev taug rau kev kawm ua haujlwm (Career and Technical Education - CTE) uas tshiab thiab zoo tshaj, tsis yoojyim thiab tseeb tiag nyob lub caijnyoog no los npaj cov hluas rau cov haujlwm uas lawv them ntau, muaj kev txawj siab thiab muaj chaw qheb ntiav ntau ntau uas tau muab los tso xyaw uake nrog rau lawv cov kev kawm. Ntau cov kev kawm yog cov A-G uas tau kev pom zoo thiab/lossis muab rau cov tub ntxhais kawm lub cibfim los kawm tau tsevkawm txheejsiab cov qhabnee zauv credit.

School Program		Career Pathway	Cov Kev Kawm	9th	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
CCAA	Digital Media	Media Arts – AME	Digital Media		X	X	
	WEE	All pathways	Advanced Digital Media			X	X
	Career Exploration		All pathways				

Foothill High School	Construction	Construction Building Trades	Construction 1		X	X	
			Construction 2			X	X
	Culinary	Food Service Hospitality	Culinary 1		X	X	
			Catering Production			X	X
	Digital Media	Media Arts	Digital Media		X	X	
			Digital Media Production			X	X
	Sports Medicine	Patient Care	Principles of Bio medical Science	X	X		
			Kinesiology/Sports Medicine		X	X	
			Sports Medicine 2			X	X
	<b>WEE</b>	<b>All pathways</b>	<b>CTE Work Experience Education</b>			<b>X</b>	<b>X</b>
<b>Career Exploration</b>	<b>All pathways</b>	<b>Career Choices</b>	<b>X</b>	<b>X</b>			

Grant Union High School	GEO Academy	Agriscience	Environmental Horticulture		AC		
			Landscape Environment Design			AC	
			Agriculture Economics and Business				AC
			CA Natural Resources				AC
	Business	Business Finance	Business Technology and Finance		X	X	
			Business Economics & Finance/ Bussiness American Government			X	X
	Computer Science	Information and Communication Tech	Exploring Computer Science		X	X	
			Computer Science Principles			X	X
	Criminal Justice Academy	Public Safety	Criminal Justice 1	X			
			Law Enforcement 1		AC		
			Law Enforcement 2			AC	
			Law Enforcement 3				AC
	Sound Production	Media Arts - AME	Multimedia Sound Production		X	X	
			Advanced Sound Production			X	X
	Sports Academy	Patient Care	Health Sport Careers	X			
			Sports Medicine 1		AC		
Sports Academy 2					AC		
Sports Academy 3						AC	
Theatre	Production & Managerial Arts - AME	Theatre Production		X	X		
		Advanced Theatre			X	X	

# CTE Cov Haukev Taug

School Program	Career Pathway	Cov Kev Kawm	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	
Rio Linda High School	Agriscience Academy Farm to Fork Ag Mechanics	Agriscience	Ag Exploration	x			
			Biology & Sustainable Agriculture	x			
			Chemistry and Agriscience				AC
		Agriculture Mechanics	Beg Agricultural Mechanics		X	X	
			Agricultural Mechanics Inter			X	X
		Ornamental Horticulture	Biology & Sustainable Agriculture	X			
	Chemistry and Agriscience			X			
					X		
	Culinary	Food Service Hospitality	Culinary 1		X	X	
			Catering Production			X	X
	Entrepreneurship small business	Marketing Sale Service	Marketing and Merchandising		X	X	
			Small Business Entrepreneurship			X	X
	Television and Video Production	Multimedia Production	Beg TV and Video Production		X	X	
			Adv TV and Video Production			X	X
<b>WEE</b>	<b>All pathways</b>	<b>CTE Work Experience Education</b>			<b>X</b>	<b>X</b>	
<b>Career Exploration</b>	<b>All pathways</b>	<b>Career Choice</b>	<b>X</b>	<b>X</b>			
Vista Nueva	Business Management	Business and Finance	Business Concepts			X	X
			Business Mathematics			X	X
	Construction	Construction Building Trades	Construction 1			X	X
			Construction 2			X	X

AC= CA Partnership Academy Course (Koomtes Uake Nrog CA cov tsevkawm)

DE= Dual Enrolled Course (TibtXHij Rau Npe Kawm)

# Kev Kawm Cov Tsab Cai rau Co-Curricular & Extracurricular Kev Koom

## Tus Qhabnee Grade Point Average Txoj Cai:

Ib tug tub ntxhais kawm yuav tsum tau yam tsawg kawg tus qhabnee 2.0 grade point average hauv tagnrho cov chav kawm uas tau rau npe kawm nyob ntu kawm dhau los ua ntej uas twb tau qhabnee lawm mas thiaj li yuav pub koom rau hauv cov kev kawm kev ua uas phim nrog cov kev kawm hauv chavkawm, co-curricular activities. Ib tug tub ntxhais kawm uas tsis tau yam tsawg kawg tus qhabnee 2.0 grade point average yuav raug tso nyob ntu tsum kwm saib xyuas, probation, rau lub caij kawm tam sim no cov qhab nee nrog rau tus menyuam kawm los ua raws li tsevkawm lub koom haum pab qhia ntawv. Ib tug tub ntxhais kawm uas tsis tau tus qhabnee yam tsawg kawg 2.0 grade point average nyob ntu tsum kwm saib xyuas ntawd yuav tsis pub koom rau hauv cov kev kawm kev ua uas phim cov kev kawm hauv chavkawm thiab cov kev kawm tshaj ntxiv sab nraud rau ntu kev kawm tom ntej.

## Hnub Kawg ntawm Ntu Muab Qhabnee/ Semester:

Ib lub tsevkawm yuav tsum qhia kom meej nyob tib hnub tom qab kiag ntawm ntu kaw lub caij muab qhabnee seb cov tub ntxhais kawm puas tsimnyog pub koom, tsis tsimnyog pub koom lossis raug muab tso nyob qhov tsum kwm saib xyuas, probation. Hnub hais no yuav tsum teev tseg cia kom thiaj li muaj kev paub tseeb thiab ua raws li yog hauv txoj kev muab qhabnee thiab txoj kev txiav txim suab tus qhabnee zauv grade point averages.

## Summer School/CHARGE:

Tsevkawm caij ntuj sov cov qhabnee kuj coj tau los suab tau uake nrog ntu kawm tas no cov qhabnee hauv txoj kev suav tus qhabnee zauv grade point average los txiav txim seb puas tsimnyog pub koom nyob hauv thawj ntu kawm muab qhabnee rau lub xyoo tsevkawm tom ntej. Cov kev kawm hauv CHARGE yuav siv los rau ntu semester kawm lub caij ntawd tus GPA.

## Cov Tub Ntxhais Kawm Hloov Tsevkawm:

Twin Rivers Unified School District thiab nws cov tsev kawm theem siab yog ib co koom nyob rau hauv pabpawg lub koos haum the California Interscholastic Federation, CIF, uas nws yog ib pawg tsoom kav tswj uas saib xyuas tsevkawm theem siab cov kisas, cov kev sibtw txuj. Cov tsevkawm theem siab ua raws li cov cai thiab cov tsab cai tswj ntawm lub kooshaum CIF nqe lus hais txog cov kev hloov, transfers, thiab lawv qhov kev puas tsimnyog pub rau koom hauv tsevkawm theem siab cov kisas. Cov cai ntawm no kuj nrhiav tau ntawm [www.cifstate.org](http://www.cifstate.org), raws li lawv piav sau muaj nyob hauv txoj cai tswj Bylaw 200 hauv lub kooshaum CIF constitution.

## NCAA Kev Tsimnyog Txais

Cov tub ntxhais kawm uas npaj yuav rau npe kawm ntawv hauv ib lub tsevkawm txheesjab tam li yog ib tug neeg tuaj kawm xyoo-ib thiab xav koom rau hauv pawg Division I lossis pawg Division II kisas, cov kev sibtw txuj, lawv yuav tsum tau txais kev lees paub los ntawm lub kooshaum NCAA Initial Eligibility Center. Lub kooshaum Center no ua twb zoo xyuas kom meej hais tias cov kev txhiaj txhais ntawm NCAA initial eligibility cov cai yeej muab kev ncajncees rau tagnrho txhua tub ntxhais kawm kisas uas muaj kev cia siab uas tuaj ntawm tagnrho cov tsevkawm uas muaj npe hauv pawg.

Tau cov ntaubntawv piav txog tus cai tsimnyog tau koom hauv kisas, kev sibtw txuj, nyob theem tsevkawm txheej siab yog lub luag haujlwm feemxyuas ntawm cov niam txiv thiab cov tub ntxhais kawm/cov neeg kisas sibtw nrog kev pab los ntawm tsev kawm theem siab tus counselor. Cov ntaubntawv kuj muaj nyob online ntawm [www.ncaa.org](http://www.ncaa.org). Cov ntaubntawv rau npe muaj nyob tom cov counselors chav ua haujlwm. Cov tub ntxhais kawm yuav tsum pib qhov ua ntawm no thaum txog lub caij ntuj nplooj ntoos hlav hauv lawv xyoo peb ntawm tsevkawm theem siab. Nws yog tus tub ntxhais kawm lub luag haujlwm feemxyuas los ua twb zoo saib hais tias lub kooshaum NCAA Eligibility Center tau txhua yam ntaubntawv uas lawv xav tau coj los txheeb ib tug tub ntxhais kawm/tus neeg kisas sibtw ntawm cov ntaubntawv seb puas tseeb:

1. Tau muab ua tiav thiab tau kos npe tas lawm ntawm Menyuam Kawmntawv Daimntawv Qhia Tawm thiab NCAA daimntawv rau npe them nqe lossis daimntawv thov pab rau tsis them;
2. Txhua lub tsevkawm theem siab uas tau kawm dhau los tau muab ib daimntawv qhabnee transcript uas yog tseeb tiag xa ncajnrain tuaj;
3. ACT lossis SAT cov qhabnee zauv scores (cov tub ntxhais kawm yuav tsum thov lawv cov qhabnee zauv scores no xa ncajnrain tuaj mus rau lub chaw ua haujlwm Eligibility Center)

Koj puas xav ua ib tug kisas hauv ib lub tsevkawm txheesjab? Ntawm no yog cov koj yuav tsum tau koj thiaj li tsimnyog tau ua ib tug kisas: 1) Kawm tiav hauv tsevkawm theem siab 2) Kawm tiav yam tsawg kawg 16 chavkawm hauvpaus 3) Qhia tuaj muaj ib tug qhabnee zauv grade point average (GPA) nyob qhov tsimnyog tsawg kawg tau hauv cov chavkawm hauvpaus 4) Qhia tuaj muaj ib tug qhabnee score ntawm txoj kev xeem ACT lossis SAT uas zoo tsim nyog. Mus saib NCAA daim website ntawm [www.ncaa.org](http://www.ncaa.org) thiab mus ntsib koj tus counselor kom tau cov ntaubntawv qhia ntau tshaj no ntxiv.



# Tsevkawm Txheejsiab thiab Haujlwm Txoj Kev Xeem

## Cov Qauv Xeem Ntawv

Standardized tests yog cov kev xeem uas muaj cov ntaubntawv qhia uas muaj txiajntsig rau cov tsev kawm txheejsiab lub chav ua haujlwm txais kawm ntawv cov neeg khiav haujlwm, cov counselors paub txog cov kev kawm thiab cov haujlwm, cov neeg pab sablaj academic advisors, thiab rau cov tub ntxhais kawm. Cov tsevkawm txheejsiab lub chav ua haujlwm txais kawm ntawv cov neeg khiav haujlwm siv cov qhabnee scores ntawm ACT, SAT I thiab SAT II, nrog rau tsevkawm theem siab cov keebkwm kev kawm, coj los txiav txim txoj kev puas tsimnyog txais kawm ntawv. Career counselors yog cov kws uas siv cov kev ntsuamxyuas cov tub ntxhais kawm nyiam kawm dabtsi, lawv cov peevxwm kev txawj, thiab lawv tus xeebceem-ua-haujlwm. Academic advisors yog cov kws uas siv txoj xeem cov qhabnee qhia muaj lidas coj los pab cov tub ntxhais kawm xaiv lawv cov kev kawm thiab cov lawv qhov major. Cov tub ntxhais kawm tau cov ntaubntawv qhia txog cov ntsiab lus los pab lawv txiav txim zoo.

Aptitude tests yog cov kev xeem tus peevxwm uas tau tsim los ntsuas qhov muaj tau, ua tau rau txoj kev vammeej hauv ib co chaw twg. Achievement tests yog cov kev xeem kev ua tau uas ntsuam xyuas kev cim thiab kev siv tau ntawm cov kev paub lossis cov kev txawj uas kawm tau dhau los. Interest inventories yog cov kev nyiam uas txheeb tau ntawm cov chaw nyiam thiab tsis nyiam. Working-style assessments yog cov kev ntsuamxyuas tus xeebceem-ua-haujlwm uas cais cov hom chaw ua haujlwm uas nws nyiam ua haujlwm nyob.

## College Entrance Exams

### American College Test (ACT)

ACT yog ib qho kev xeem ntawm kev ua tau npaum cas uas saib rau qhov tseem ceeb ntawm txoj kev txawj xav tob thiab cov kev txawj daws teebmeem. Cov qhabnee scores muab rau cov chaw xws li Askiv, Zauv, Nyeem Ntawv, thiab Science Reasoning; cov ntaubntawv qhia kev tsom kwm saib xyuas haujlwm muaj muab rau. Txoj kev xeem no muaj rau zaug hauv ib xyoos. Qhov no yog tsevkawm txheejsiab txoj kev xeem txais kawm ntawv uas muab rau xeem nyob lub caij ntuj nplooj ntoos hlav hauv qib kaum-ib lossis lub caij ntuj nplooj ntoos zeeg thauv qib kaum-ob. Xav paub cov ntaubntawv qhia ntau tshaj no:

<http://www.actstudent.org/>

### Preliminary Scholastic Aptitude Test (PSAT/NMSQT)

qhov kev xeem no ntsuas cov peevxwm kev txawj lus (cov lus thiab nyeem ntawv tas totaub) thiab zauv. Qhov kev xeem yog ib qho zoo tshaj plaws uas muab rau cov tub ntxhais kawm pom ua-ntej-tsevkawm txheejsiab txoj kev xeem zoo lidas, thiab thaum lawv xeem nyob xyoo qib kaum-ib. Nws kuj yog ib qho kev xeem uas muab kev tsimnyog los koom rau lub kooshaum the National Merit Scholarship txoj kev sibtw tau nyiaj pab kawm ntawv. Qhov kev xeem no muaj ib zaug ib xyoos nyob lub Kaum Hli Ntuj. Xav pabu cov ntaubntawv qhia ntau tshaj no:

<https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10>

## Scholastic Aptitude Test (SAT)

The SAT yog qhov kev xeem uas ntsuas cov peevxwm kev txawj lus, sau ntawv thiab zauv. Qhov no yog tsevkawm txheejsiab txoj kev xeem ntsuas kev tsimnyog txais kawm ntawv uas yog muaj xya zaug ib xyoos. Rau cov ntaubntawv qhia ntau tshaj no:

<https://sat.collegeboard.org/home>

## Scholastic Aptitude Subject Test (SAT II)

Qhov kev xeem ntawm no muaj 15 qhov chaw pib xws li ntawm Askiv, keebkwm ua neej social science, zauv, kev tshawbfbaw science, thiab neeg txawv tebchaws lus. Ntau cov tsevkawm txheejsiab uas nkag tau nyuaj mus kawm rau hauv, lawv tseev kom xeem nyob rau hauv peb qho chaw ntawm no (sau ntawv, zauv, thiab qhov chaw thib peb yog tus tub ntxhais kawm qhov kev xaiv). Saib tsevkawm txheej siab cov ntaubntawv piav txog cov kev kawm los txiav txim seb nyob rau cov kev kawm twg yog muaj nyob hauv cov kev xeem uas tseev kom ua. Pub ua peb txoj kev xeem rau ib hnub, tiamsis SAT txoj kev xeem cov kev kawm (the SAT Subject Test) yuav tsis pub xeem nyob thib hnub ib tug tub ntxhais kawm ua txoj kev xeem SAT. Qhov kev xeem ntawm no zoo tshaj yog xeem rau lwm hnub tom qab twb tau xeem cov kev kawm txheebze lawm.

Cov ntaubntawv qhia ntau tshaj no ntxiv thiab cov ntaub ntawv rau npe rau tsevkawm txheejsiab cov kev xeem ntsuas kev tsimnyog txais kawm ntawv muaj nyob hauv cov counselors cov chav ua haujlwm.

***Tsevkawm Txheejsiab Tsoom Kav Tswj txoj kev xeem tus nqe them cov kev txo nqe lossis cov kev thov pab tsis them muaj rau cov tub ntxhais kawm uas xam pom hais tias muaj kev xav tau kev pab nyiaj. Hu cov counselors kom sai li sai tau ua ntej rau npe rau cov kev xeem.***

## Career Guidance Measures Armed Services Vocation Aptitude Battery (ASVAB) – Ntsuam Xyuas Ua Tubrog

Txoj kev xeem ntawm no muaj kaum koog chaw xeem luv luv uas tau tsim los ntsuas cov kev txawj thiab cov kev paub uas tseemcee rau fab tubrog thiab pejxeem cov haujlwm fab kev txawj ntse. Txoj kev los ua qhov kev xeem pub daws ntawm no tsis txhais hais tias nws yuav tsum mus koom rau hauv pawg tubrog, tiamsis tsuas yog tejzaum muaj kev qhia uas muaj txiajntsig rau tus tub ntxhais kawm pom paub xwb.

## Npaj rau Tsevkawm Txheesjab: Qhia Ib Kaujruam Zuj Zus

<b>Qib 9</b>	<ul style="list-style-type: none"> <li>• Tsim ib lub tswvyim plaub-xyoos rau hauv “My 4-YearPlan”</li> <li>• Kawm Integrated Math 1 lossis Geometry, thiab ntiajteb ib hom lus</li> <li>• Kawm kom tau A’s thiab B’s txhua txoj kev kawm, thiab ua cov homework txhua hmo tsawg kawg ib teev</li> <li>• Tsim ib pawg saib ntawv nrog cov phoojywg uas kuj npaj mus kawm college, thiab saib ntawv ntau zaug</li> <li>• Tsim ib phauntawv personal resume khaws cia thiab teev tseg: cov ntaubntawv qhabnee, daim diplomas thiab lwm cov certificates uas tau muab rau koj, ib daim sau muaj cov honors thiab cov awards uas koj tau txais, ib daim sau cov tsevkawm thiab zej zog cov koomtxoos uas koj tau koom, ib daim sau cov dejnum ua koj uas koj tau khiav ntawm cov kooshaum ntawd, ib daimntawv, ib daim sau cov haujlwm koj tau ua (them thiab pab dawb). Kho tshiab txhua semester phauntawv no</li> <li>• Pib mus saib zej zog cov tsevkawm txheesjab community colleges, cov state universities, thiab ib lub tsevkawm independent college lossis university nrog koj tsevneeg lossis cov phoojywg. Hu lub chav ua haujlwm txais kawm ntawv kom tau cov ntaubntawv qhia txog cov campus tours, koj mus ncig saib tsevkawm</li> <li>• Koom rau hauv cov phiajxwm txhawb tus kheej kev txawj, kev kawm, academic enrichment programs</li> </ul>
<b>Qib 10</b>	<ul style="list-style-type: none"> <li>• Rov los saib koj cov kev kawm uas koj tau kawm hauv qib cuaj thiab qib kaum ntawm koj qhov “My 4-Year Plan” nrog koj tus counselor kom nrog koj xyuas meej hais tias koj kawm cov chavkawm npaj rau tsevkawm txheesjab, cov college prep classes</li> <li>• Kawm kom tau A’s thiab B’s thiab ua cov homework txhua hmo tsawg kawg ib mus rau ob teev. Kho tshiab koj phauntawv personal resume file</li> <li>• Kavtsij mus saib ntxiv zej zog cov tsevkawm txheesjab community colleges, cov state universities, lossis cov tsevkawm independent schools. Hauv lub Kaum Hlis Ntuj, ua txoj kev xeeb PSAT</li> <li>• Kavtsij mus koom ntxiv rau hauv cov phiajxwm txhawb tus kheej kev txawj, kev kawm, academic enrichment programs</li> </ul>
<b>Qib 11</b>	<ul style="list-style-type: none"> <li>• Siv “My 4-Year Plan” los soj qab taug saib xyuas koj txoj kev kawm mus zoo lcas lawm. Kawm kom tau A’s thiab B’s yog qhov tseemceeb tshaj plaws nyob koj ntu kawm xyoo qib kaum-ib. Koj yuav tsum ua cov homeworks txhua hmo tsawg kawg ob teev</li> <li>• Hauv Kaum Hlis Ntuj, tso npe rau txoj kev xeeb PSAT. Cov qhabnee yuav qhia rau koj thiab koj tus counselor paub koj cov kev txawj thiab cov chaw koj yuav tsum tau txhim kho ntxiv uas koj npaj rau tsevkawm txheesjab txoj kev txais kawm ntawv</li> <li>• Qee cov tub ntxhais kawm tejzaum kuj xav xeeb dua qhov PSAT yeebvim nws yog qhov muab kev tsimnyog tau los sibtw pob nyiaj pub dawb rau kev kawm ntawm the National Merit Qualifying Test rau cov qib kaum-ib</li> <li>• Hauv lub caij ntuj nplooj ntoos hlav, tso npe rau cov kev xeeb the Advanced Placement (AP) exams yog koj tau kawm cov kev kawm AP subjects</li> <li>• Ua ob peb co kev tshawbfawb thiab tsim a phauntawv muaj cov tsevkawm txheesjab colleges uas koj nyiam</li> <li>• Pib mus saib cov tsevkawm txheesjab colleges uas koj nyiam thiab kavtsij kho thiab hloov tshiab koj daim resume</li> <li>• Txiaiv txim siab los ua cov kev xeeb SAT subject area tests uas yuav tiav hlo nyob koj xyoo qib kaum-ib</li> <li>• Nyob lub caij ntuj sov, npaj tus kheej rau txoj kev xeeb the SAT lossis ACT los ntawm txoj kev siv Khan Academy thiab nyeeb cov phauntawv thiab cov phauntawv uas muab tswvyim rau xeeb ntawv thiab cov qauv lus nug</li> <li>• Ua kom tiav NCAA Clearinghouse initial eligibility daimntawv rau npe (cov neeg kislas)</li> </ul>
<b>Qib 12</b>	<ul style="list-style-type: none"> <li>• Kavtsij siv “My 4-Year Plan”, tsim cov pawg saib ntawv, thiab ua cov homework txhua hmo ob mus rau peb teev. Kawm kom tau A’s thiab B’s; koj cov qhabnee tseem yog ib qho tseemceeb heev</li> <li>• Ib sij mus ntsib koj tus counselor lossis lub chaw saibxyuas haujlwm tus kavxwm, career center director, kom koj paub txog cov ntaubntawv qhia txog cov nyiaj txiag pub dawb rau kev kawm, scholarships</li> <li>• Thaum ntxov hauv Cuaj Hlis Ntuj, tso npe rau txoj kev xeeb the SAT thiab ACT</li> <li>• Hauv Kaum Hli Ntuj, rau npe thov koj tus zuav FAFSA PIN number</li> <li>• Khaws cia txhua lub tsevkawm txheesjab ib phauntawv uas muaj xws li ib daimntawv uas txheeb txhua yam khoom txoj kev txais kawm tseeb kom muaj xws li cov daim qhabnee transcripts, daim rau npe kawm cov nqe them, cov ntawv txhawb koj (recommendations), cov ntawv sau essays, txoj kev xeeb cov qhabnee scores, lwm yam zoo sib xws. Ua twb zoo saib cov hnuab kawg, hnuab xaus – kos tseg cia rau hauv koj daimntawv qhia hnuab – thiab rau npe kom ntxov. Siv “My 4-YearPlan”</li> <li>• Xyaum ua cov ntaubntawv rau npe lossis cov ntaubntawv sibtw thov nyiaj pub dawb scholarship nyob rau hauv ib daimntawv luam ua ntej. Thiab, ntau lub tsevkawm txheesjab muaj cov ntaubntawv rau npe kawm nyob hauv online uas ua nyob hauv lub computer thiab xa hauv internet tuaj mus</li> <li>• Hauv Kaum Hli Ntuj lossis Kaum-Ib Hlis Ntuj, ua koj li CSU cov ntaubntawv rau npe kawm ntawv</li> <li>• Hauv Kaum-Ib Hlis Ntuj, ua koj li UC cov ntaubntawv rau npe kawm ntawv</li> <li>• Kaum-Ob Hlis Ntuj yog ib lub sijhawm tseemceeb rau cov tsevkawm txheesjab ntiav qhiantawv (private colleges), cov ntaubntawv rau npe txoj kev xam pom thaum ntxov, thiab cov kev pab nyiaj dawb raws li kev ua tau zoo merit scholarships</li> <li>• Hauv Ib Hlis Ntuj, ua kom tiav daimntawv rau npe thov tsoom fww pab nyiaj pub dawb rau kev kawm, the Free Application for Federal Student Aid (FAFSA) nyob hauv online</li> <li>• Hauv Ib Hlis Ntuj, nco ntsoov qhia koj niam koj txiv kom lawv npaj lawv cov ntaubntawv ua se kom ntxov txaus los luam ib co rau cov colleges uas koj yuav rau npe thov nyiaj pab kev kawm financial aid</li> <li>• Hauv lub caij ntuj nplooj ntoos hlav, tos koj cov tsabntawv/email uas qhia tuaj ntawm cov tsevkawm txheesjab uas tau txais koj kawm – tejzaum koj kuj yuav hnov txog seb koj ho tsimnyog tau cov kev pab nyiaj txiag pub dawb rau kev kawm ntawm tsoom fww financial aid thiab scholarship nyob tib lub sijhawm ntawm no</li> <li>• Txog Tsib Hlis Ntuj tim 1, xa ntawv mail/email koj daim tshev nyiaj cog lus cas chaw kawm tuaj rau lub tsevkawm txheesjab college lossis university koj npaj mus kawm</li> </ul>

## UC/CSU A-G Cov Cai

Cov tuamtxhab tsevkawm txheejsiab University of California thiab California State University lawv cov txheej txheem tau teev tseg ib lub tswvyim npaj tseg rau cov kev kawm uas ib tug tub ntxhais kawm yuav tsum tau kawm mam cov tsevkawm txheejsiab university thiaj li txais lawv. Qhov ntawm no muaj xws li:

Fab Chaw Kev Kawm	Cov Xyoo Tseev Kom Kawm
<p><b>a. Keebkwm/Kev Tshawbfawb Kev Ua Neej (Social Science)</b> Xam nrog ib xyoo ntawm hauv ntiajteb keebkwm, cov kab li kev cai thiab cov thajchaw; thiab ib xyoo ntawm Keebkwm Meska (U.S. History) lossis ib-nrab xyoo ntawm Keebkwm Meskas thiab ib-nrab xyoo Pejxeem Cov Cai thiab Dejnium lossis Tsoom Fwv Meskas (American Government).</p>	2 xyoo
<p><b>b. Askiv</b> Chavkawm lus Askiv npaj rau tsevkawm txheejsiab muaj xws li ib sij muaj sau ntawv thiab muaj sau ntawv ntxiv raws sijhawm, thiab nyeem cov ntawv yam thaum ub sau tau zoo tshaj thiab cov nyob lub caijnyoog ntawm no. Tsis suav ntau tshaj ib xyoo ntawm cov chavkawm ESL nyob rau nqe no ntawm tus cai. Tsis suav ntau tshaj ob semsters hauv qib 9 chavkawm lus Askiv (English) rau nqe no ntawm tus cai.</p>	4 xyoo
<p><b>c. Zauv/Lej</b> Peb ntu kawm units (muaj nqe sibluag li peb xyoo) ntawm txoj kev kawm zauv npaj rau tsevkawm txheejsiab (plaub units yog qhov pom zoo xav kom kawm heev), muaj lossis muaj sib xyaw uake kawm txog cov ntsiab lus hauv theem pib algebra, theem txheejsiab algebra, thiab txheej ob-thiab txheej peb-dimensional geometry.</p>	3 xyoo (pom zoo rau kawm 4 xyoo)
<p><b>d. Laboratory Science (Chavsim Kev Tshawbfawb)</b> Cov hauvpaus kev paub tsawg kawg paub ob yam ntawm peb txoj kev kawm hauvpaus ntawm no: biology, chemistry, thiab physics. Cov kev kawm txheejsiab advanced laboratory science uas muaj biology, chemistry, lossis physics tam li yog cov kev kawm uas yuav tsum tau kawm ua ntej thiab muaj qhia txog yam tshiab tsis tau kawm dua kuj siv tau los cuag nqe no ntawm tus cai. Ob xyoo kawg ntawm ib lus koomhaum tus phiajxwm tsav txoj kev qhiantawv kev tshawbfawb xyaw uake program peb-xyoo uas yeej muaj kev pom zoo uas qhia zoo heev thiab tsawg kawg qhia txog ob yam ntawm peb txoj kev kawm hauvpaus kuj siv tau los cuag nqe no ntawm tus cai.</p>	3 xyoo (pom zoo rau kawm 4 xyoo)
<p><b>e. Hom Lus Dua Lis Ntawm Lus Askiv (LOTE)</b> Cov kev kawm yuav tsum hais txog kev hais tau lus thiab kev totaub yog qhov tseemceeb tshaj nrog ntxiv rau txoj kev qhia ntawv hauv kev sau ntawv yog, paub cov lo lus, nyeem ntawv, cov ntawv muaj dabtsi, thiab kab li kev cai. Cov kev kawm hauv hom lus tsis yog lus Askiv uas tau kawm nyob qib xya thiab qib yim kuj siv tau los cuag feem no ntawm tus cai yog hais tias koj lub tsevkawm theem siab pom zoo lawv yeej muaj nqe sibluag li nws no cov kev kawm.</p>	2 xyoo (pom zoo rau kawm 3 xyoo)
<p><b>f. Kos Duab thiab Nthuav Tawm Txuj Ci (VAPA)</b> Kev kawm txuj ci uas tau txais kev pom zoo hauv ib chavkawm twg ntawm VAPA discipline (seev cev, yeebyam samthiaj (drama/theater), nkauj, lossis txuj ci kos duab).</p>	1 xyoo
<p><b>g. Cov Kev Kawm Xaiv Npaj rau Tsevkawm Txheejsiab (College Preparatory Elective)</b> Dua li ntawm tus cai tseev kom muaj hauv cov a-f nyob saud, yuav tsum tau los xaiv ntawm cov chaw kawm nram qab no ntxiv; duab thiab nthuav tawm txuj ci (cov kev kawm uas tsis yog theem pib), keebkwm, kev tshawbfawb neeg lub neej, lus Askiv, txheejsiab kev ua zauv, laboratory science, thiab hom lus tsis yog lus Askiv (xyoo peb hauv txoj kev kawm ib hom lus twg siv rau tus cai nyob nqe e lossis ob xyoo ntxiv ntawm ib hom lwm txawv lossis cov kev kawm uas muaj kev pom zoo rau siv nyob nqe “g” cov kev kawm electives.)</p>	1 xyoo



## CEEB Codes

Ib tug **CEEB code** yog ib tug zauv standardized ID number uas tsim los tis rau ib lub tsevkawm them siab high school, tsevkawm txheejsiab college, lossis university. 6-tus zauv ntawm no mas feem ntau siv rau tsevkawm txheejsiab cov kev xeeb txais kawm ntawv xws li qhov kev xeeb SAT thiab ACT.

<b>Tsevkawm Npe</b>	<b>CEEB</b>
Creative Connections Arts Academy	054565
Foothill High School	052131
Grant Union High School	050740
Highlands High School	052132
Keema High School	052801
Pacific Career & Technology High School	054792
Rio Linda Senior High School	052643
Vista Nueva High School	052738

# TRUSD A-G Cov Kev Kawm Pom Zoo 2024-2025

## A. History/Social Studies (2 xyoos)

Agricultural Government  
American Government  
AP European History\*  
AP Government and Politics\*  
AP United States History\*  
AP World History\*  
ARC History of the United States\*  
ARC Introduction to Government\*  
ARC Psychology\*  
ARC Sociology\*  
Introduction to Cultural Anthropology  
Introduction to Physical Anthropology Race  
and Social Justice  
United States History  
World History

## B. English (4 xyoos)

ARC English 300\*  
ARC English 302\*  
AP English Language and Composition\*  
AP English Literature and Composition\*  
English LA 9  
English LA 9 H  
English LA 10  
English LA 10 H  
English LA 11  
English LA 11 H  
English LA 12  
ERWC (Expository Reading and Writing  
Course)

## C. Mathematics (3 xyoos)

Advanced Algebra with Financial Applications  
AP Calculus AB\*  
AP Calculus BC\*  
AP Statistics\*  
Business Mathematics  
Business Technology and Finance  
Computer Science Principles  
Integrated Math 1  
Integrated Math 2  
Integrated Math 2  
Integrated Math 2H  
Integrated Math 3

Integrated Math 3H  
Pre-Calculus  
Statistics

## D. Lab Sciences (2 xyoos)

Anatomy and  
Physiology  
AP Biology\*  
AP Chemistry\*  
AP Environmental Science\*  
AP Physics 1\*  
AP Physics 2\*  
AP Physics C: Electricity and Magnetism\*  
AP Physics C: Mechanics\*  
Biology and Sustainable Agriculture  
Chemistry in the Earth System  
Chemistry in the Earth System  
Honors Human  
Anatomy and Physiology  
Physics of the Universe  
Physics of the Universe H\*  
Science for Sustainable Agriculture  
Sports Medicine 2  
The Living Earth

## E. Languages Other Than English (2 xyoos)

AP French Language and Culture  
AP Spanish Language and Culture\*  
AP Spanish Literature and Culture\*  
French 1  
French 2  
French 3  
Hmong 1 NS (Native Speaker)  
Hmong 2 NS (Native Speaker)  
Hmong 3 NS (Native Speaker)  
Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4  
Spanish 1 NS (Native Speaker)  
Spanish 2 NS (Native Speaker)

## F. Fine Arts (1 xyoos)

3 Dimensional Design  
3D Design Advanced  
Advanced Sound Production  
Advanced Theatre

# TRUSD A-G Cov Kev Kawm Pom Zoo 2024-2025

## **Fine Arts (1 xyoos) cont.**

AP Studio Art: Drawing\*

ARC Introduction to Music\*

Art Advanced 9-12

Art Beginning 9-12

Art Intermediate 9-12

Band Beginning 9-12

Band Concert 9-12

Band Symphonic

Ceramics Advanced

Ceramics Beginning

Ceramics Intermediate

Choir

Choir Advanced

Choir Intermediate

Dance 1

Dance 2

Digital Imaging 1

Digital Media

Digital Media Advanced

Drama Advanced

Drama Beginning

Drama Intermediate

Environmental and Landscape Design

Floral Design

Game Design 1

Guitar Advanced

Guitar Beginning

Jazz Ensemble

Multimedia Sound Production

Non-Traditional Music Ensembles

Piano Advanced

Piano Beginning

Piano Intermediate

Theatre Production

TV & Video Production Advanced

## **G. College Elective (1 xyoos)**

Agriculture Economics and Business

Agricultural Explorations

AP Computer Science

AP Macroeconomics\*

AP Psychology

AP Research

ARC College Success\*

ARC Health Science\*

ARC Nutrition\*

ARC Psychology

ARC Sociology

Army JROTC LET 1

AVID 9

AVID 10

AVID 11

AVID 12

Beginning Agricultural Mechanics

Business Concepts

Career Choices

Catering Production

CDE Agricultural and Natural Resources

CDE Plants and Soils Science

CDE Veterinary Science

Computer Programming

Construction 1

Construction 2

Creative Writing

Criminal Justice 1, 2, 3, 4

Culinary 1

Economics

Exploring Computer Science

Human Development

Intermediate Agricultural Mechanics

International Business and Economics

Introduction to Engineering and Design

Landscape Environmental Design

Marketing and

Merchandising Newspaper

Journalism Psychology

Small Business Entrepreneurship

Sociology

# California Kev Kawmntawv Siab Cov Cibfim

## Zej Zog Tsevkawm Txhejsiab (Community College)

Tsevkawm	Cov Cai Txais Kawm
<ul style="list-style-type: none"> <li>• Tus zauv ntawm: Kwvyees li 107 lub tsevkawm thoob plaws lub xeev</li> <li>• Cov Tsevkawm Pivtxwv: American River College, Sacramento City College, Sierra College</li> <li>• Ntev: Ob xyoos</li> <li>• Kev Kawm Haujlwm: Career thiab txoj haujlwm-theem pib ntawm cov kev kawm txawj</li> <li>• Cov qhabnee credits nqa nrog mus rau cov tsevkawm txhejsiab plaub xyoos</li> <li>• Cov Ntawv Povthawj Kawm Tiav Degrees lossis Certificates: Cov Ntawv Povthawj Kawm Tiav Haujlwm, Associate of Arts (AA) thiab Associate of Science (AS)</li> <li>• Cov Nqi (Nqi kawm thiab nqi yuav ntawv): Tus nqi them hloov raws li cov kev muaj nyiaj txiag thiab kev siv</li> </ul>	<ul style="list-style-type: none"> <li>• Kev Kawm Hauvpaus Cov Cai: Ntawm no Tsis muaj cov cai kom muaj ib txoj kev kawm twg</li> <li>• Tus qhabnee zauv Grade Point Average (GPA): Ntawm no Tsis muaj tus cai qhabnee GPA qes</li> <li>• Keebkwm Kev Kawmntawv: Koj yuav tsum yog 18 xyoo lossis ib tug kawm tiav tsevkawm theem siab (high school)</li> <li>• Cov kev ntsuamxyuas: Cov kev xeeb ntsuas kev txawj tso nyob chaw kawm rau lus Askiv thiab kev kawm zauv</li> </ul>

## California State University

Tsevkawm	Cov Cai Txais Kawm
<ul style="list-style-type: none"> <li>• Tus zauv ntawm: 23 lub tsevkawm thoob plaws lub xeev, txais cov yog ib feem peb ntawm pawg kawm tiav keej tshaj</li> <li>• Cov Tsevkawm Pivtxwv: CSU Sacramento, CSU Chico, CSU East Bay, Cal Poly</li> <li>• Ntev: Plaub xyoo nrog cov Graduate Programs</li> <li>• Kev Kawm Haujlwm: kev xyaum ua haujlwm ua ntej txawj, Pre-professional training</li> <li>• Ntau hom kev kawm txawj</li> <li>• Cov Ntawv Povthawj Kawm Tiav Degrees lossis Certificates: Bachelor of Arts (BA) thiab Bachelor of Science (BS). Ntau cov Masters degrees</li> <li>• Cov ntawv povthawj qhia tau ntawv</li> <li>• Cov nqi (Nqi kawm thiab Nqi yuav ntawv): Tus nqi them hloov raws li cov kev muaj nyiaj txiag thiab kev siv</li> </ul>	<ul style="list-style-type: none"> <li>• Kev Kawm Hauvpaus Cov Cai: Cov cai yog tib co li University of California cov. Saib UC kev kawm hauvpaus cov cai</li> <li>• Tus qhabnee zauv Grade Point Average (GPA): Cov tub ntxhais kawm yuav tsum kawm kom tau ib tug qhabnee zauv grade point average tsawg kawg yog "C" lossis zoo tshaj. Tus GPA tau coj los xam nrog txoj kev xeeb SAT I lossis ACT cov qhabnee scores los txiav txim txoj kev tsimnyog txais/tau</li> <li>• Keebkwm Kev Kawmntawv: Kawm tiav hauv tsevkawm theem siab lossis muaj ib daimntawv povthawj xeeb dhau California High School Proficiency Examination Certificate thiab muaj txhua yam raws li kev kawm hauvpaus cov cai</li> <li>• Cov kev ntsuamxyuas: txoj kev xeeb American College Test (ACT) thiab Scholastic Assessment Test (SAT: Reasoning)</li> </ul>

# California Kev Kawmntawv Siab Cov Cibfim

## University of California

Tsevkawm	Cov Cai Txais Kawm
<ul style="list-style-type: none"> <li>Tus zauv ntawm: 10 lub tsevkawm undergraduate thoob plaws lub xeev, txais cov yog 9% ntawm cov pawg kawm tiav keej tshaj</li> <li>Cov Tsevkawm Pivtxwv: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, Santa Cruz</li> <li>Ntev: Plaub xyos nrog cov Graduate and Professional Programs</li> <li>Kev Kawm Haujlwm: kev xyaum ua haujlwm ua ntej txawj, Pre-professional training</li> <li>Ntau hom kev kawm txawj</li> <li>Cov Ntawv Povthawj Kawm Tiav Degrees: Bachelor of Arts (BA) and Bachelor of Science (BS), ntau cov Masters degrees, ntau cov Doctorate degrees. Hauv qee cov universities, cov ntawv povthawj qhia tau ntawv (teaching credentials)</li> <li>Cov nqi (Nqi kawm thiab Nqi yuav ntawv): Tus nqi them hloov raws li cov kev muaj nyiaj txiag thiab kev siv</li> </ul>	<p>Kev Kawm Hauvpaus Cov Cai:</p> <ul style="list-style-type: none"> <li>History/Social Science (a) - 2 xyos uas kawm World History, US History thiab/lossis ½ xyoo ntawm Government/Economics</li> <li>English (b) - 4 xyos ntawm kawm npaj rau tsevkawm txheej siab</li> <li>Mathematics (c) - 3 xyos kawm mus txog Integrated Math 3 (pom zoo kawm 4 xyos)</li> <li>Science (d) - 2 xyos hauv lab science uas yuav tsum kawm 2 qho ntawm 3 txoj kev kawm biology, chemistry lossis physics</li> <li>Foreign Language (e) - 2 xyos ntawm tib hom lus (pom zoo kawm 3 xyos)</li> <li>Visual/Performing Arts (f) - 1 xyos ntawm kawm npaj rau tsevkawm txheej siab</li> <li>Electives (g) - 1 xyos kawm nyob ib qho ntawm cov chaw hais saud</li> <li>Tus qhabnee zauv Grade Point Average (GPA): Cov tub ntxhais kawm yuav tsum kawm kom tau ib tug qhabnee grade point average tsawg kawg yog “B” lossis zoo tshaj better. Tus qhabnee GPA tau coj los xam nrog txoj kev xeem cov qhabnee scores los txiav txim txoj kev tsimnyog txais/tau</li> <li>Keebkwm Kev Kawmntawv: Kawm tiav hauv tsevkawm theem siab lossis muaj ib daimntawv povthawj xeem dhau California High School Proficiency Examination Certificate thiab muaj txhua yam raws li kev kawm hauvpaus cov cai</li> <li>Cov kev ntsuamxyuas: txoj kev xeem American College Test (ACT), Scholastic Aptitude Test (SAT: Reasoning), Scholastic Aptitude Test (SAT: Subject Area Test – tejzaum kuj pom zoo kom ua thiab)</li> </ul>

## Private College and University

Tsevkawm	Cov Cai Txais Kawm
<ul style="list-style-type: none"> <li>Tus zauv ntawm: Kwvyees li 125 lub tsevkawm thoob plaws lub xeev</li> <li>Cov Tsevkawm Pivtxwv: St. Mary’s College, University of Southern California (USC), Stanford University, William Jessup</li> <li>Ntev: Plaub+xyoo</li> <li>Kev Kawm Haujlwm: Kev qhiantawv kev kawm, cov programs, thiab cov professional programs ntau yam txawv raws li muaj ho loj/me lossis ho kev txawj tshaj ntawm lub tsevkawm txheej siab college/university</li> <li>Cov Ntawv Povthawj Kawm Tiav Degrees: BA/BS, tiamsis kuj muaj qhia mus rau daim doctorate thiab</li> <li>Cov Nqi (Nqi Kawm thiab Nqi yuav ntawv): Kwvyees li \$15,000 - \$50,000 toj ib xyos</li> </ul>	<ul style="list-style-type: none"> <li>Cov cai txais kawm muaj ntau yam sib txawv ntawm cov tsevkawm txheej siab college lossis university. Txhua zaum mas cov tub ntxhais kawm yeej cuag lossis tseem ua tau zoo tshaj UC kev kawm cov cai thiab kev ntsuamxyuas cov cai</li> </ul>

# TRUSD High School Kev Kawm Lub Tswvyim 4 Xyoos

	For TRUSD Diploma	For UC/CSU & TRUSD Diploma
Fab Hauvpaus Kev Kawm	Credit Cov Cai	Credit Cov Cai
English	4 Xyoos	4 Xyoos
Mathematics	3 Xyoos	3 Xyoos mus txog Integrated Math 3
Science	2 Xyoos	2 Xyoos
History/Social Science	3 Xyoos	3 Xyoos
Health	1 Semester	1 Semester
Physical Education	2 Xyoos	2 Xyoos
VAPA/ Foreign Language	1 Xyoos ntawm Fine Art 2 Xyoos ntawm Foreign Language	1 Xyoos ntawm Fine Art 2 Xyoos ntawm Foreign Language
Electives	65 Credits	65 Credits
Technology Requirement	Muaj rau hauv Hauvpaus Kev Qhiantawv	Muaj rau hauv Hauvpaus Kev Qhiantawv
<b>Hauvpaus Kev Kawm Cov Credits Tseev Kom Tau</b>	<b>220 Credits</b>	<b>220 Credits</b>

## Tus Qauv Pivtxwv rau ntawm 4 Xyoos TRUSD High School Kev Kawm Tiav

Fab Kev Kawm	Qib 9	Qib 10	Qib 11	Qib 12	Credits
English	ELA 9	ELA 10	English 11	ERWC	40
Mathematics	Integrated Math 1	Integrated Math 2	Integrated Math 3		30
Science	The Living Earth	Chemistry in the Earth's System			20
Social Science		World History	U.S. History	American Gov Economics	30
Fine Art/For Lang	Ib xyoo ntawm Foreign Language lossis a Fine Art Course				10
Health	1 semester ntawm Health yuav tsum kawm thaum twg los tau ntawm 4 xyoos no				5
Physical Ed	PE Course 1	PE Course 2			20
Electives	65 qhabnee credits ntawm cov elective courses				65
<b>Tagnrho Cov Qhabnee Credits Yuav Tsum Tau</b>					<b>220</b>

## Tus Qauv Pivtxwv rau ntawm lub Tswvyim 4 Xyoos UC/CSU & TRUSD High School Kev Kawm Tiav

Fab Kev Kawm	Qib 9	Qib 10	Qib 11	Qib 12	Credits
English	ELA 9	ELA 10	ELA 11/AP	ELA 12/AP	40
Mathematics	Integrated Math 1	Integrated Math 2 H	Integrated Math 3 H	AP Calculus	40
Science	The Living Earth	Chemistry in the Earth's System	Physics of the Universe		30
Social Science		World History	U.S History/AP	AmGov/EcoN/AP	30
Foreign Language	For Language Xyoo 1	For Language Xyoo 2	For Language Xyoo 3		30
Fine Art	Ib xyoos ntawm plaub xyoo no				10
Health	Ib nrab xyoo, semester, ntawm plaub xyoos no				5
Physical Education	PE Course 1	PE Course 2			20
Electives	35 qhabnee Credits ntxiv kawm nyob plaub xyoo ntawm no				35
<b>Tagnrho Cov Qhabnee Credits Uas Muaj Tau</b>					<b>240 Credits</b>

# TRUSD Qhia Npaj Menyuum Kawm Txoj Kev Kawmntawv

## My 4 Year Plan

Tsevkawm theem siab yog ib lub hwjtsam zoo los tshawb nrhiav cov kev kawm thiab tej yam kev kawm uas txuas nrog uas nws nyiam. Twin Rivers muaj rau cov tub ntxhais kawm thiab lawv niam lawv txiv qhov **My 4 Year Plan** (<https://my4yearplan.com/>) los txhim kho thiab soj qab taug ib lub tswvyim plaub-xyoo npaj rau kev kawm nyob hauv online. Cov tub ntxhais kawm thiab cov niam cov txiv yuav ua haujlwm uake nrog lawv tus counselor kom thiaj li ua twb zoo xyuas hais tias lawv cov tub ntxhais kawmntawv yeej nyob hauv txoj hau kev yog los mus ua tau lawv cov homphiaj npaj tseg rau tomqab tsevkawm theem ob. Thov hu koj lub chav tswj saib xyuas counseling kom tau cov ntaubntawv mus nkag saib thiab lwm yam kev qhia thaujpais.

Grade 9	
Core Subject	
English 9	
Mathematics	
Health/Intro Class	
PE Course 1	
Science	
Elective	

Grade 10	
Core Subject	
English 10	
Mathematics	
World History 10	
PE Course 2	
Science	
VAPA or For Language	

Cov ntawv nco/Cov lus hais

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Cov ntawv nco/Cov lus hais

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Grade 11	
Core Subject	
English 11	
Mathematics	
U.S. History	
VAPA or For Lang	
Advanced Science	
Elective	

Grade 12	
Core Subject	
English 12	
Government/Economics	
Mathematics/Elective	
VAPA or For Language	
Elective	
Elective	

Cov ntawv nco/Cov lus hais

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Cov ntawv nco/Cov lus hais

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# Cov Chaw Kev Pab

## Tso npe kawm ntawv rau College & Financial Aid

Ntaubntawv qhia txog rau npe kawm ntawv rau college (cov daimntawv qhia hnuv thiab cov tswvyim npaj ua lincas), financial aid, Tso npe rau txoj kev xeem SAT, sib piv cov tsevkawm.

[www.csumentor.com](http://www.csumentor.com)

Kev txais kawm ntawv cov cai rau txhua lub tsevkawm txheejsiab plaub xyoo California State University, financial aid options thiab hauv online cov daimntawv rau npe.

CSU [daimntawv tsom kwm ib kaujruam zui zus](#) los mus ua kom cuag, tau kawm nyob hauv ib lub tsevkawm txheejsiab plaub-xyoos, University.

[www.universityofcalifornia.edu/admissions](http://www.universityofcalifornia.edu/admissions)

Kev txais kawm ntawv cov cai, cov cibfim rau Scholarship, cov hnuv thiab cov hnuv xaus, ntaubntawv qhia txog txhua lub tsevkawm, thiab hauv on-line cov kev rau npe.

[UC local context program](#). Ib qho ntawm peb txoj hau kev taug rau thawj xyoo cov tub ntxhais kawm uas muaj kev tsimnyog tau txais kawm rau UC, nrog rau thoob plaws lub xeev qhov kev pom thiab txoj kev xeem raws li kev tsimnyog tau xwb, tsis tau xam lwm yam.

<https://admission.universityofcalifornia.edu/assets/files/how-to-apply/uc-personal-questions-guide-freshman.pdf>

Cov tswvyim pab rau thaum sau koj daimntawv UC personal statement.

<https://hs-articulation.ucop.edu/agcourselist>

UC daimntawv muaj cov kev kawm tau kev pom zoo uas yog certified. Daim no muaj cov kev kawm uas twb tau kev pom zoo los cuag tau A-G kev kawm cov cai rau txoj kev txais kawm ntawv nyob hauv University of California tam li yog thawj xyoo tub ntxhais kawm ntawv. Cov daim ntawv no ntawm California kuj qhia txog cov kev kawm uas tau UC kev pom zoo certified honors courses.

[www.fafsa.ed.gov](http://www.fafsa.ed.gov)

Ntaubntawv qhia txog rau npe thov tsoom fvv tebchaws thiab lub xeev qhov kev pab nyiaj txiag kawm ntawv, financial aid. Mus muab online ib tug PIN (personal identification number) tus zauv nkag ntawm:

<https://studentaid.gov/h/apply-for-aid/fafsa>

## Tso npe kawm ntawv rau Community College & Financial Aid

### Los Rios Community College

<https://losrios.edu/>

### American River College

<https://arc.losrios.edu/>

### Folsom Lake College

<https://flc.losrios.edu/>

### Sacramento City College

<https://scc.losrios.edu/>

### Sierra College

<https://www.sierrecollege.edu/>

### Community college ib daim website uas tsom rau financial aid, pab nyiaj kawm ntawv

<https://icangotocollege.com/>

### NCAA qhov ntaubntawv qhia txog cov cai kev tsimnyog txais rau cov tub ntxhais kawm kisas sib tw tes taw

<https://web3.ncaa.org/ecwr3/>

### Community colleges nyob sab nraum thajchaw cov tsevkawm txheejsiab uas tsis tau tsoom fvv tebchaws cov nyiaj, Independent California universities lossis private colleges

<https://aiccu.edu/>

## Lwm Cov Chaw Kev Pab Tseemceeb

Your High School Counseling and Career Center

Creative Connections Arts Academy  
(916) 566-3470

Foothill High School  
(916) 566-3445

Grant Union High School  
(916) 566-3450

Highlands High School  
(916) 566-3465

Keema High School  
(916) 566-3410

Pacific Career and Technology High School  
(916) 566-2715

Rio Linda High School  
(916) 566-2725

Vista Nueva High School  
(916) 566-2750



## Cov Kev Piav Txog Kev Kawm – English

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### English (Askiv)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
AP English Language	133001	X	X	X	X			X	
AP English Literature	143001		X	X	X			X	
ELA 9	111001	X	X	X	X	X	X	X	X
ELA 9 Honors	112001	X	X	X	X			X	
ELA 10	121001	X	X	X	X	X	X	X	X
ELA 10 Honors	122001	X	X	X	X			X	
ELA 11	131001	X	X	X	X	X	X	X	X
ELA 11 Honors	132001				X				
ELA 12 Honors	142001			X					
ERWC	14ERWC	X	X	X	X		X	X	X

# Cov Kev Piav Txog Kev Kawm – English

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## AP English Language and Composition

**133001** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 11 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** “Ib txoj kev kawm AP hauv Lus Askiv thiab Txhua yam uake cob cov tub ntxhais kawm kom lawv yog neeg txawj nyeem ntawv ntawm ntau hom kev sau ntawv txhiaj txhais cov ntsiab lus, thiab kom los yog ib co neeg txawj sau ntawv uas lawv sau ntawv txog ntau yam homphiaj. Ob yam huvtibsi ntawm kev sau ntawv thiab lawv txoj kev nyeem ntawv ua rau cov tub ntxhais kawm pom txog cov kev sib nkagsiab ntawm ib tug neeg sau ntawv cov homphiaj, cov neeg nyeem cov kev cia siab, thiab yam uas sau ntawd, nrog rau txoj hau kev sau ntawm hom dabneeg zoo licas thiab cov chaw kev pab ntawm kev siv lus los ua rau kev sau muaj kuab.” – Tsevkawm Txheejsiab Pawg Tsoom Kav Tswj

Lus Faj: Cov tub ntxhais kawm uas xeem dhau AP Language and Composition qhov kev xeem hauv lub caij ntuj nplooj ntoos hlav kuj yuav tau tsevkawm txheejsiab li qhabnee, college credit, thiab.

## AP English Literature

**143001** (FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** “Ib txoj kev kawm AP hauv Lus Askiv thiab Txhua yam uake cob cov tub ntxhais kawm kom lawv yog neeg txawj nyeem ntawv ntawm ntau hom kev sau ntawv txhiaj txhais cov ntsiab lus, thiab kom los yog ib co neeg txawj sau ntawv uas lawv sau ntawv txog ntau yam homphiaj. Ob yam huvtibsi ntawm kev sau ntawv thiab lawv txoj kev nyeem ntawv ua rau cov tub ntxhais kawm pom txog cov kev sib nkagsiab ntawm ib tug neeg sau ntawv cov homphiaj, cov neeg nyeem cov kev cia siab, thiab yam uas sau ntawd, nrog rau txoj hau kev sau ntawm hom dabneeg zoo licas thiab cov chaw kev pab ntawm kev siv lus los ua rau kev sau muaj kuab.” – Tsevkawm Txheejsiab Pawg Tsoom Kav Tswj

Lus Faj: Cov tub ntxhais kawm uas xeem dhau AP Language and Composition qhov kev xeem hauv lub caij ntuj nplooj ntoos hlav kuj yuav tau tsevkawm txheejsiab li qhabnee, college credit, thiab.

## English 9

**111001** (Tagnrho Cov Tsevkawm)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** English 9 yog ib txoj kev qhiantawv uas muaj uake tagnrho ntawm kev nyeem ntawv, sau ntawv, mloog lus, hais lus, thiab tus qauv cov kev txawj lus Askiv raws li California ELA Common Core State Standards thiab California ELA / ELD Framework.

## English 9 Honors

**112001** (FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm Description:** English 9 Honors yog ib txoj kev qhiantawv txheejsiab uas muaj uake tagnrho ntawm kev nyeem ntawv, sau ntawv, mloog lus, hais lus thiab tus qauv cov kev txawj lus Askiv raws li California ELA Common Core State Standards thiab California ELA/ELD Framework. English 9 Honors yog npaj los txhawb nqa thiab pab cov tub ntxhais kawm uas yeej muaj cov kev txawj ntse thiab muaj kev ntshaw kom tau ib txoj kev qhiantawv nyuaj thiab zoo heev uas tawm tsam lawv. Nws kuj yog tsim los npaj cov menyuam kawmntawv rau npe kawm rau tom ntej ntawm cov kev kawm txheejsiab cov chaw kawm hauv qib 11th thiab 12th. Ntawm no yog ib qho kev kawm nyuaj thiab zoo heev uas tseev kom nyeem ntawv, sau ntawv, kev xav, hais lus thiab muaj homework ntau tsimnyog, nrog ntxiv rau txhua yam kev ua uas muaj kawm raws li tus qauv qhia ntawv hauv txoj kev kawm English 9.

## English 10

**121001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** English 10 yog ib txoj kev qhiantawv uas muaj uake tagnrho ntawm kev nyeem ntawv, sau ntawv, mloog lus, hais lus, thiab tus qauv cov kev txawj lus Askiv raws li California ELA Common Core State Standards thiab California ELA / ELD Framework. Cov tub ntxhais kawm yuav kawm toj mus ntxiv thiab siv cov kev paub thiab kev txawj uas lawv tau kawm tas los hauv qib cuaj.

## English 10 Honors

**122001** (FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm:** Tsis muaj

**Piav txog Kev Kawm:** English 10 Honors yog ib txoj kev qhiantawv txheejsiab uas muaj uake tagnrho ntawm kev nyeem ntawv, sau ntawv, mloog lus, hais lus thiab tus qauv cov kev txawj lus Askiv raws li California ELA Common Core State Standards thiab California ELA/ELD Framework. English 10 Honors yog npaj los txhawb nqa thiab pab cov tub ntxhais kawm uas yeej muaj cov kev txawj ntse thiab muaj kev ntshaw kom tau ib txoj kev qhiantawv nyuaj thiab zoo heev uas tawm tsam lawv. Nws kuj yog tsim los npaj cov menyuam kawmntawv rau npe kawm rau tom ntej ntawm cov kev kawm txheejsiab cov chaw kawm hauv qib 11th thiab 12th. Yog li no, ntawm no yog ib qho kev kawm nyuaj thiab zoo heev uas tseev kom nyeem ntawv, sau ntawv, kev xav, hais lus thiab muaj homework ntau tsimnyog, nrog ntxiv rau txhua yam kev ua uas muaj kawm raws li tus qauv qhia ntawv hauv txoj kev kawm English 10 course.

# Cov Kev Piav Txog Kev Kawm – English

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## English 11

**131001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** English 11 yog ib txoj kev qhiantawv uas muaj uake tagnrho ntawm kev nyeem ntawv, sau ntawv, mloog lus, hais lus, thiab tus qauv cov kev txawj lus Askiv raws li California ELA Common Core State Standards thiab California ELA / ELD Framework. Cov tub ntxhais kawm yuav kawm toj mus ntxiv thiab siv cov kev paub thiab kev txawj uas lawv tau kawm tas los hauv qib kaum.

## English 11 Honors

**132001** (HHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** English 11 Honors yog ib txoj kev qhiantawv txheejsiab uas muaj uake tagnrho ntawm kev nyeem ntawv, sau ntawv, mloog lus, hais lus thiab tus qauv cov kev txawj lus Askiv raws li California ELA Common Core State Standards thiab California ELA/ELD Framework. English 11 Honors yog npaj los txhawb nqa thiab pab cov tub ntxhais kawm uas yeej muaj cov kev txawj ntse thiab muaj kev ntshaw kom tau ib txoj kev qhiantawv nyuaj thiab zoo heev uas tawm tsam lawv. Nws kuj yog tsim los npaj cov menyuum kawmntawv rau npe kawm rau tom ntej ntawm cov kev kawm txheejsiab cov chaw kawm hauv qib 12. Yog li no, ntawm no yog ib qho kev kawm nyuaj thiab zoo heev uas tseev kom nyeem ntawv, sau ntawv, kev xav, hais lus thiab muaj homework ntau tsimnyog, nrog ntxiv rau txhua yam kev ua uas muaj kawm raws li tus qauv qhia ntawv hauv txoj kev kawm English 11 course.

## English 12 Honors

**142001** (GUHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** ELA 12 Honors yog ib txoj kev kawm tsim los txhim kho cov tub ntxhais kawm qhov peevxwm los siv tiam 21st Century cov kev txawj los tshuaj xyuas thiab los teb lus rau cov feemxyuas tseemceeb ntawm Ntiajtec Li Ntaubntawv (World Literature) hauv pab pawg ntaubntawv muaj nqis. Ntawm qhov no, ua tau li hais los ntawm txoj kev tsoom ib qho kev kawm rau ntawm qhov kev sau ntawv piav qhia thiab tshuaj ntsuam raws li ua twb zoo nyeem ntau hom ntaubntawv. Cov kev txawj uas kawm tau hauv txoj kev kawm no yog muab rau cov tub ntxhais kawm muaj ib lub hauvpaus ruaj khov rau theem-tsevkawm txheejsiab cov kev kawm lus Askiv nrog rau cov hau kev taug txoj kawm haujlwm, career pathways. Txoj kev kawm tau tsim los nyob muaj koog raws ntsiab lus uas npaj los rau qee hom kev sau ntawv twg. Cov koog units ntawm no muaj xws li nyeem ntau hom ntawv uas txhawb cov tub ntxhais kawm txoj kev

siv thiab txoj kev tsim qee yam ntawv ntawm lawv tus kheej los sau txog qee lub homphiaj thiab rau qee hom neeg nyeem. Los ntawm twb zoo saib thiab nrog muaj lub homphiaj sau ntawv ntawm ntiajtec cov ntaubntawv thiab teebmeem, cov tub ntxhais kawm yuav tshawb pom, txheeb tau thiab tshuaj xyuas cov tswvyim thiab tus yamntxwv cov neeg sau ntawv siv los txhiaj txhais lub ntiajtec uas lawv ua neej nyob. Los ntawm ntau tus kws xibfwb cov ntawv, cov tub ntxhais kawm tsis yog yuav tshuaj xyuas cov feemxyuas ntawm txoj kev sau ntawv tau zoo, muaj kuab xwb, tiamsis ntawm cov teebmeem uas yeej muaj nyob ntawm xub ntiag, ntawm tes kom lawv thiaj li paub txiav txim lawv tus kheej cov kaujruam yuav ua licas zoo los mus koom tes tau nyob hauv lub ntiajtec dua li ntawm nyob hauv chaw kawm xwb. Tshaj no ntxiv, txoj kev kawm no yog tsim los pab cov tub ntxhais kawm nrog kawm txawj ntawm Xeev Khaslisfosnias Cov Qauv Hauvpaus Kev Qhiantawv Cov Kev Kawm, Californias's Common Core State Standards.

## CSU Expository Reading & Writing

**14ERWC** (CCAA, FHS, GUHS, HHS, PHS, RLHS, VNHS)

**Qib:** 12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** English 11

**Piav txog Kev Kawm:** Lub homphiaj ntawm Kev Kawm Txoj Kev Piav Qhia Nyeem Ntawv thiab Sau Ntawv (Expository Reading and Writing Course - ERWC) yog los npaj cov tub ntxhais kawm qib 12 uas muaj kev txuas nrog tsevkawm txheejsiab (college-bound seniors) rau txoj kev kawmntawv theem siab uas yuav siv kev txawj sau thiab nyeem ntawv keej. Cov tub ntxhais kawm nyob hauv lub xyoo-ntev loo ntawm txoj kev kawm yam txuj ci hais lus muaj kuab lossis sau ntawv los neeg nyiam los mus tsim kev txawj tsimnyog nyob txheejsiab hauv kev txawj piav thiab qhia, kev txawj tshuaj xyuas, thiab kev txawj sibcav hauv cov ntaubntawv nyeem thiab hauv kev sau ntawv. Txoj kev kawm no muaj xws li ntau kem rau los nyeem nyob ib lub ntsiab lus, feem ntau mas yog sawvcev nyob ntau hom ntaubntawv uas txawv. Txoj kev kawm cov ntaubntawv muaj xws li cov ntaubntawv qub uas nto npe thaum ub thiab cov ntaub ntawv nyob rau lub caij tiam tam sim no – ob yam huvtibsi ntawm yam kev xav, tsim tawm thiab yam tseeb, tshwm sim tiag – uas yog ntev thiab luv huvtibsi ntawm ntau hom chaw thiab ntau hom genres. Txoj kev kawm ntawm no tsis yog ua tau raws li xyoo 4th hauv high school "a-g" English tus cai xwb, tiamsis nws kuj tseem siv tau los xyuas cov chaw kawm tseemceeb rau ntawm CSU Txoj Kev Xeev Ntawv Tso Nyob Chaw Kawm Theem Txawj Lus Askiv twg, English Placement Test.

## English Language Development (Kev Txhim Kho Lus Askiv)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
Academic ELD	114008	X	X	X	X	X	X	X	X
Academic ELD 2	114009	X	X	X	X	X	X	X	X
ELD 1	114005	X	X	X	X	X	X	X	X
ELD 1A	114003	X	X	X	X	X	X	X	X
ELD 1B	114004	X	X	X	X	X	X	X	X
ELD 2	114006	X	X	X	X	X	X	X	X
ELD 3	114007	X	X	X	X	X	X	X	X

# Cov Kev Piav Txog Kev Kawm – English Language Development

## English Language Development (ELD) 1A

**114003** (muab raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** N/A **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** ELD 1A yog ib chavkawm, ib xyoos ntev loo kev kawm uas tau tsim los rau cov tub ntxhais kawm tshiab tuaj txawv tebhaws uas tau rau npe kawm hauv U.S. cov tsevkawm luv tshaj 12 hlis. Txoj kev kawm ntawm no yuav tsum kawm uake nrog ELD 1B. ELD 1A yog ib qho xub thawj pib qhia uas muaj txhua yam los rau kawm lus Askiv cov kev txawj, siv raws li kev sib txuas lus, kawm raws li cov ntaubntawv qhia, thiab cov kev kawm kev ua raws li cov ntaubntawv nyeem. Txoj kev qhiantawv tsom mus rau cov kev kawm, kev ua, ntawm kev siv ncauj hais lus thiab siv pobntseg mloog lus, kawm txog ntau cov lo lus, thiab txhua hnuv xyaum los ntawm txoj kev koom uake sib tham lus. Cov tub ntxhais kawm yuav pom txog los nyeem thiab los sau ntawv licas los ntawm txoj kev kawm txog tau cov tswvyim uas tsimnyog rau theem pib ntawm kev txawj tsimnyog, nrog rau txoj kev tsom lub homphiaj los txhim kho ob yam kev txawj huvtiksi ntawm kev siv lus Askiv thuajpias thiab thaum siv rau hauv kev kawmntawv. Cov tswvyim no, nrog rau los cob tus qauv nyeem ntawv thiab sau ntawv qhia rau thiab txhawb dejsiab rau cov tub ntxhais kawm siv lawv thawj hom lus ntxiv, coj los siv txhim kho cov kev txawj nyeem thiab sau ntaw. Txoj kev kawm cov kev ua thiab cov haujlwm yog muab los rau ua raws li lub xeev tus quav ELA/ELD framework thaum nyob rau theem pib tshwm, loj hlob.

## English Language Development (ELD) 1B

**114004** (muab raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** 1 year of English **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** ELD 1B yog ib chavkawm, ib xyoos ntev loo kev kawm uas tau tsim los rau cov tub ntxhais kawm tshiab tuaj txawv tebhaws uas tau rau npe kawm hauv U.S. cov tsevkawm luv tshaj 12 hlis. Txoj kev kawm ntawm no yuav tsum kawm uake nrog ELD 1A. Nws muaj qhia ib chavkawm ntxiv ntawm txoj kev tsom los qhia ELD txoj kev qhiantawv, uas tau npaj hais tias yuav muab lub cibfim rau cov neeg tuaj txawv tebhaws los tsim yam kev loj hlob thiab qhov hauvpaus tseemceeb ntawm cov kev txawj lus Askiv rau ntu thawj xyoo ntawm lawv tuaj nyob hauv lub tebhaws no. ELD 1B yog ib qho xub thawj pib qhia uas muaj txhua yam los rau kawm lus Askiv cov kev txawj, siv raws li kev sib txuas lus, kawm raws li cov ntaubntawv qhia, thiab cov kev kawm kev ua raws li cov ntaub ntawv nyeem. Txoj kev qhiantawv tsom mus rau cov kev kawm kev ua ntawm kev siv ncauj hais lus thiab siv pobntseg mloog lus, kawm txog ntau cov lo lus, thiab txhua hnuv xyaum los ntawm txoj kev koom uake sib tham lus. Cov tub ntxhais kawm yuav pom txog los nyeem thiab los sau ntawv licas los ntawm txoj kev kawm txog tau cov tswvyim uas tsimnyog rau theem pib ntawm kev txawj tsimnyog, nrog rau txoj kev tsom lub homphiaj los txhim kho ob yam kev txawj huvtiksi ntawm kev siv lus Askiv thuajpias thiab thaum siv rau hauv kev kawmntawv. Cov tswvyim no, nrog rau los cob tus qauv nyeem ntawv thiab sau ntawv qhia rau thiab txhawb dejsiab rau cov tub ntxhais kawm siv lawv thawj hom lus ntxiv, coj los siv txhim kho cov kev txawj nyeem thiab sau ntaw. Txoj kev kawm cov kev ua thiab cov haujlwm yog muab los rau ua raws li lub xeev tus quav ELA/ELD framework thaum nyob rau theem pib tshwm, loj hlob.

## English Language Development (ELD) 1

**114005** (muab raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** N/A **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** ELD 1 yog ib chavkawm, ib xyoos ntev loo kev kawm uas muab ib qho kev qhiantawv uas tus thiab hum los txhim kho lus Askiv, uas siv raws li kev sib txuas lus, kawm raws li cov ntaubntawv qhia, thiab cov kev kawm kev ua raws li cov ntaubntawv nyeem. Txoj kev qhiantawv tsom mus rau cov kev kawm, kev ua, ntawm kev siv ncauj hais lus thiab siv pobntseg mloog lus kom xyaum tau meej hais tias muaj kev totaub cov ntsiab lus thiab cov lo lus. Txoj kev kawm no pib qhia rau cov tub ntxhais kawm los nyeem thiab sau ntawv los ntawm ntawm txoj kev kawm txog tau cov tswvyim uas tsimnyog rau theem pib ntawm kev txawj tsimnyog, nrog rau txoj kev tsom lub homphiaj los txhim kho ob yam kev txawj huvtiksi ntawm kev siv lus Askiv thuajpias thiab thaum siv rau hauv kev kawmntawv. Cov tswvyim no, nrog rau los cob tus qauv nyeem ntawv thiab sau ntawv qhia rau thiab txhawb dejsiab rau cov tub ntxhais kawm siv lawv thawj hom lus ntxiv, coj los siv txhim kho cov kev txawj nyeem thiab sau ntaw. Txoj kev kawm cov kev ua thiab cov haujlwm yog muab los rau ua raws li lub xeev tus quav ELA/ELD framework thaum nyob rau theem pib tshwm, loj hlob.

## English Language Development (ELD) 2

**114006** (muab raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** N/A **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** ELD 2 yog ib chavkawm, ib xyoos ntev loo kev kawm uas toj ntxiv kev loj hlob cov kev txawj ntawm mloog lus, hais lus, nyeem ntawv, thiab sau ntawv nrog rau ib qho mobsiab tshaj no ntxiv rau nyeem ntawv thiab sau ntawv. Txoj kev kawm no yog npaj hais tias yuav nthuav ntxiv cov tub ntxhais kawm cov peevxwm kev txawj los mus siv, paub txog, ntau hom ntaubntawv uas qhia rau lawv, los ntawm ob qho huvtiksi ntawm tus kheej thiab ntawm kev koomtes uake kev kawm cov kev paub. Nyeem ntawv, sau ntawv, thiab nthuav tawm cov cibfim pom txog theem ntawm lus Askiv kev loj hlob, thiab cov ntaubntawv hlav ntxiv cov kev paub lus Askiv ntawm cov tub ntxhais kawm. Cov tub ntxhais kawm tsav ntawm kev totaub txog cov ntawv los mus rau txoj kev txhiaj txhais ntawm cov soblus nyeem, thiab pib los txheeb cov lus taum, pajlug ntawm lus Askiv. Txoj kev kawm cov kev ua thiab cov haujlwm yog muab los rau ua raws li lub xeev tus quav ELA/ELD framework thaum nyob rau theem nthuav ntxiv.

# Cov Kev Piv Txog Kev Kawm – English Language Development

## English Language Development (ELD) 3

**114007** (muab rau raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** N/A **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** ELD 3 yog ib chavkawm, ib xyoos ntev loo kev kawm uas toj ntxiv kev loj hlob cov kev txawj ntawm mloog lus, hais lus, nyeem ntawv, thiab sau ntawv nrog rau cov hau kev ua ntawm kev nyeem ntawv thiab kev sau ntawv yog yam tseemceeb. Cov tub ntxhais kawm sib txuas lus, sib tham cov tswvyim thiab ntaubntawv raws li hais tawm nrog muaj peevxwm ntxiv zuj zus, qhia pom hais tias lawv muaj kev totaub txog ntau hom ntaubntawv, txawj siv ntau yam kev nkagsiab sib txawv raws li qhov tsimnyog, thiab siv lus Askiv tham lus yoojyim kajsiab lus. Cov tub ntxhais kawm nyeem ntawv thiab sau ntawv raws li los teb rau ntawm ntau yam ntaubntawv, siv kev paub lus los nkagsiab cov ntaubntawv txhais licias, thiab txawj qhia txoj lawv tus kheej cov kev xav raws li qhov tsimnyog los rau ntau hom neeg hnov thiab ntau yam homphiaj. Txoj kev kawm no pab cov tub ntxhais kawm tsim kev kawmntawv cov lus raws li tsimnyog thiab kev paub cov ntaubntawv, thiab txhawb dejsiab rau kev txawj xav tob thiab txawj daws teebmeem. Txoj kev kawm cov kev ua thiab cov haujlwm yog muab los rau ua raws li lub xeev tus quav ELA/ELD framework thaum nyob rau theem tuamchoj txog.

## Academic English Language Development (ELD)

**114008** (muab rau raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** N/A **UC/CSU a-g:** N/A **Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Note: Kev rau npe kawm hauv txoj kev kawm ntawm no tsuas yog muab rau cov neeg kawm lus Askiv tau ntev xyoo (cov tub ntxhais kawm uas tau rau npe kawm hauv U.S. cov tsev kawm tau rau xyoo lossis ntev tshaj) uas pheej tseem tsis txawj txaus, tseem ua haujlwm nyob qes tshaj qib-theem cov kev cia siab rau hauv cov kev xeev tus qauv thiab uas tseem xeev ntawm txoj kev xeev ELPAC nyob rau theem 1 (loj hlob tsawg kawg kiag), theem 2 (loj hlob qee qhov lawm) lossis theem 3 (loj hlob nruabnrab lawm). Tib sij rau npe kawm nyob hauv tus menyuam kawm qib theem txoj kev kawm Lus Askiv cov txuj ci uake raws li txoj cai tseev kom kawm.

Txoj kev kawm ntawm no tsom rau cov kev xav tau kev pab ntawm lus thiab kev kawmntawv ntawm cov tub ntxhais kawm uas kawm ntawv tau ntev xyoo uas lawv tseem tsis tau cuag cov theem qib txawj lus Askiv tsimnyog txaus los mus ua tau zoo nyob hauv kev kawm cov haujlwm raws li tus qauv txawm hais tias lawv twb tau txais ELD cov kev qhiantawv tau ob peb lub xyoo lawm. Cov kev txawj thiab cov tswvyim uas tau coj los txhawb kev txhim kho loj hlob ntawm cov tub ntxhais kawm kev txawj lus, xws li muab saib rau nqe rau ntawm kev ncuaj

lus los kho qhov hauvpaus thiab cov lo lus. Txoj kev kawm muab Lus Askiv Cov Txuj Ci Qauv Hauvpaus Ibtxwm Muaj los rau nyeem ntawv, sau ntawv, mloog lus, hais lus thiab lus nrog rau qhov loj tshaj uas tsom rau cov kev txawj hais lus thiab sau ntawv tseemceeb li hauv kev kawmntawv. Txoj kev kawm no yog npaj los pab cov tub ntxhais kawm txhim kho lawv txoj kev txawj lus Askiv tsimnyog thiab rov ua lawv rov txheeb dua tshiab ua ntej kev kawmntawv tiav.

## Academic English Language Development 2 (ELD)

**114008** (muab rau raws li kev rau npe kawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** N/A **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Academic ELD 1

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsom rau cov kev xav tau kev pab ntawm lus thiab kev kawmntawv ntawm cov tub ntxhais kawm uas kawm ntawv tau ntev xyoo uas lawv tseem tsis tau cuag cov theem qib txawj lus Askiv tsimnyog txaus los mus ua tau zoo nyob hauv kev kawm cov haujlwm raws li tus qauv txawm hais tias lawv twb tau txais ELD cov kev qhiantawv tau ob peb lub xyoo lawm, nrog rau ib xyoos ntawm kev rau npe kawm hauv Academic ELD 1. Cov kev txawj thiab cov tswvyim uas tau coj los txhawb kev txhim kho loj hlob ntawm cov tub ntxhais kawm txoj kev txawj lus, xws li muab saib rau nqe rau ntawm kev ncuaj lus los kho toj ntxiv qhov hauvpaus thiab cov lo lus. Txoj kev kawm qhia Lus Askiv Cov Txuj Ci Cov Qauv Hauvpaus Ibtxwm Muaj los rau nyeem ntawv, sau ntawv, mloog lus, hais lus thiab lus nrog rau qhov loj tshaj uas tsom rau cov kev txawj hais lus thiab sau ntawv tseemceeb li hauv kev kawmntawv. Txoj kev kawm no muaj muab cov ntaubntawv zoo thiab nyuaj, cov ntaubntawv uas ua rau nyiam nyeem ntxiv, thiab muab muaj cov cibfim los mus koomtes uake. Qhov no yog npaj los pab cov tub ntxhais kawm txhim kho lawv txoj kev txawj lus Askiv tsimnyog thiab rov ua lawv rov txheeb dua tshiab ua ntej kev kawmntawv tiav. Tib sij rau npe kawm nyob hauv tus menyuam kawm qib theem txoj kev kawm Lus Askiv cov txuj ci uake raws li txoj cai tseev kom kawm.

## Mathematics (Zauv/Lej)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
Adv Algebra w/Financial App	341002	X	X	X	X	X	X	X	X
AP Calculus AB	343AB5		X	X	X			X	
AP Calculus BC	343BC5			X				X	
AP Precalculus	343005			X					
AP Statistics	343003		X	X	X			X	
Integrated Math 1	311001	X	X	X	X	X	X	X	X
Integrated Math 2	321001	X	X	X	X	X	X	X	X
Integrated Math 2 Honors	322001		X	X	X			X	
Integrated Math 3	331001	X	X	X	X	X	X	X	X
Integrated Math 3 Honors	332001		X	X	X			X	
Pre-Calculus	341005	X		X	X		X	X	
Pre-Calculus Honors	342004			X					
Statistics	341003			X				X	

# Cov Kev Piav Txog Kev Kawm - Mathematics

## Advanced Algebra with Financial Applications

**341002** (Tagnrho Cov Tsevkawm)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Alg/Integrated Math

**UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Algebra 1/ Integrated Math 1

**Piav txog Kev Kawm:** Txoj kev kawm no qhia txog zauv cov ntsiab lus daws teebmeem nyiaj txiaj uas tshwmsim hauv lub neej txhua hnuv. Ntiajteb-tiaj cov teebmeem ntawm kev nqespeev, credit, tso nyiaj tom tsev cia nyiaj, kev pov hwm tshab, mortgages (nyiaj qev yuav tsev), chaw ua haujlwm, ze nyiaj txiaj, kev tswj nyiaj, thiab kev npaj rau thaum laus yog txhua yam uas daws tau los ntawm txoj kev siv cov kev ua lej uas tsimnyog rau txhua nqe.

## AP Calculus AB

**343AB5** (FHS, GUHS, HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math

**UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Pre-Calculus

**Piav txog Kev Kawm:** Cov tub ntxhais kawm yuav tshawb nrhiav, kawm txog yam tseemceeb ntawm cov ntsiab lus, cov tswvyim kev ua, thiab cov kev siv ntawm single-variable calculus uas muaj xws li cov qauv functions, cov duab zauv graphs, cov limits, cov derivatives, cov integrals, thiab the Fundamental Theorem of Calculus. Cov tub ntxhais kawm yuav ua twb zoo kawm kom swm nrog cov ntsiab lus, cov kev tshwmsim results, thiab cov teebmeem uas tshwmsim tau ntau yam hau kev xws li duab graphically, lej numerically, kev tshuaj xyuas analytically, thiab lus verbally. Txoj kev siv technology yuav pab cov tub ntxhais kawm daws tau cov teebmeem, kev xyaum sim (experiment), txhais cov kev tshwmsim, thiab txhawb nqa vim lica thiaj li xaus/tau li ntawd. Txoj kev kawm npaj cov tub ntxhais kawm mus ua qhov kev xeem Advanced Placement Calculus AB examination.

## AP Calculus BC

**343BC5** (GUHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math

**UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Pre-Calculus

**Piav txog Kev Kawm:** Cov tub ntxhais kawm yuav tshawb nrhiav, kawm txog yam tseemceeb ntawm cov ntsiab lus, cov tswvyim kev ua, thiab cov kev siv ntawm single-variable calculus uas muaj xws li tagnrho cov ntsiab lus tau kawm hauv AP Calculus AB (functions, graphs, limits, derivatives, integrals, and the Fundamental Theorem of Calculus) nrog ntxiv rau cov ntsiab ntawm differential thiab integral calculus xws li qhov parametric, polar thiab vector functions, thiab series. Cov tub ntxhais kawm yuav ua twb zoo kawm kom swm nrog cov ntsiab lus, cov kev tshwmsim results, thiab cov teebmeem uas tshwmsim tau ntau yam hau kev xws li duab graphically, lej numerically, kev tshuaj xyuas analytically, thiab lus verbally. Txoj kev siv technology yuav pab cov tub ntxhais kawm daws tau cov teebmeem, kev xyaum sim (experiment), txhais cov kev tshwmsim, thiab txhawb nqa vim lica thiaj li xaus/tau li ntawd. Txoj kev kawm npaj cov tub ntxhais kawm mus ua qhov kev xeem Advanced Placement Calculus BC examination.

## AP Precalculus

**343005** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math

**UC/CSU a-g:** C: Mathematics

**Yam yuavtsum tau kawm uantej:** Integrated Math 3 lossis Integrated Math 3 Honors

**Cov lus piav qhia ntawm chav kawm:** AP Precalculus nyob rau hauv lub luag haujlwm ntawm kev ua qauv dynamic phenomena. Qhov kev tshawb fawb-raws li kev tshawb fawb txog kev ua haujlwm no yog tsim los npaj cov tub ntxhais kawm ntawv zoo dua rau kev suav lej hauv tsev kawm qib siab thiab muab cov hauv paus rau lwm yam kev kawm lej thiab kev tshawb fawb. Hauv chav kawm no, cov tub ntxhais kawm kawm txog ntau hom kev ua haujlwm uas yog lub hauv paus rau kev ua haujlwm hauv lej, physics, biology, kev noj qab haus huv science, kev lag luam, social science, thiab data science. Tsis tas li ntawd, raws li AP Precalculus tej zaum yuav yog chav kawm lej kawg ntawm tus menyuum kawm ntawv theem nrab, chav kawm yog tsim los muab kev paub zoo sib xws es tsis yog tso rau kev npaj rau cov kev kawm yav tom ntej. Thoob plaws hauv chav kawm no, cov tub ntxhais kawm txhim kho thiab ua kom muaj txiaj ntsig zoo ntawm kev siv cov cim, suav nrog kev daws qhov sib npaug thiab siv cov lus qhia, rau ntau hom kev ua haujlwm thoob plaws hauv chav kawm. Cov tub ntxhais kawm kuj kawm txog cov dej num thiab lawv cov kev sib sau. Inverses, thiab transformations yog to taub los ntawm graphical, numerical, analytical, thiab hais lus sawv cev, uas qhia txawv cov yam ntxwv ntawm lub functions thiab muaj txiaj ntsig zoo rau kev daws teeb meem hauv lej thiab cov ntsiab lus siv. Nyob rau hauv tas li ntawd, cov txuj ci kawm nyob rau hauv cov chav kawm no yog dav siv tau rau cov xwm txheej uas muaj kev xav ntau. AP Precalculus txhawb txoj kev loj hlob ntawm kev nkag siab tob txog kev ua haujlwm. Cov tub ntxhais kawm kawm paub tias qhov kev ua haujlwm yog kev sib raug zoo ntawm lej uas qhia txog cov txheej txheem ntawm cov tswv yim tawm tswv yim - lub npe - rau ib pawg ntawm cov txiaj ntsig tso tawm - qhov ntau - xws li tias txhua tus nqi nkag tau tsim tshwj xeeb rau tus nqi tso tawm. Cov tub ntxhais kawm nkag siab txog kev ua haujlwm thiab lawv cov duab kos raws li kev sib txawv ntawm qhov sib txawv ntawm qhov ntau, lub tswv yim tseem ceeb hauv kev npaj rau kev suav lej. Nrog rau txhua hom kev ua haujlwm, cov tub ntxhais kawm tsim thiab siv tau cov qauv ua haujlwm raws li cov yam ntxwv ntawm cov ntau ntawv sib txawv, cov yam ntxwv ntawm cov khoom sib txawv thiab lawv cov txheeb ze ntawm cov kev hloov pauv, lossis cov txheej txheem xws li xoom, asymptotes, thiab extrema. Cov qauv no yog siv los cuam tshuam, nthuav tawm, thiab txhais cov ntau ntawv nrog cov qib sib txawv ntawm qhov raug rau cov ntsiab lus lossis cov ntau ntawv. Tsis tas li ntawd, cov tub ntxhais kawm kuj kawm tau tias txhua tus qauv yog nyob ntawm qhov kev xav thiab kev txwv ntsig txog cov ntsiab lus. Raws li kev tshuaj xyuas cov dej num los ntawm ntau qhov kev xav, cov tub ntxhais kawm tsim lub tswv yim kev nkag siab tsis yog ntawm cov haujlwm tshwj xeeb nkaus xwb tab sis kuj tseem muaj cov haujlwm dav dav. Hom kev nkag siab no pab cov tub ntxhais kawm koom nrog ob qho tib si paub thiab cov ntsiab lus tshiab.

## AP Statistics

**343003** (CCAA, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics



**Kev Kawm Ua Ntej:** Integrated Math 2

**Piav txog Kev Kawm:** Cov tub ntxhais kawm yuav kawm txog cov ntsiab lus loj thiab cov twj siv los sau, tshuaj xyuas, thiab txiav txim seb yog licas, xaus licas ntawm cov ntaubntawv tshawbfawb tau los. Cov tub ntxhais kawm yuav tsim muaj cov kev txawj paub tshuaj xyuas thiab paub ua twb zoo xav tob los ntawm lawv txoj kev kawm piav txog cov data patterns (cov ntaubntawv muaj cov qauv zoo licas) thiab yam txawv nrug deb ntau cov qauv (departures from patterns), npaj thiab ua cov kev tshawbfawb, siv probability (qhov yuav tshwmsim tau yog npaum licas) thiab simulation (qhov sim) los tshawb nrhiav txog tej yam uas cia li lam muaj, lam tshwm (random phenomena), kwvyees txog pabpawg cov cai (population parameters), sim los ntsuam xyuas cov lus nug (test hypotheses), thiab los xam pom txog cov zauv (statistical inferences) raws li muaj dua lwm qhov chaw. Txheebze nrog cov kev siv psychology (kev kawm txog lub hlwb thiab cwjpw), social science (kev kawm txog tibneeg ua neej), natural science (kev kawm txog yam tiag muaj hauv lub ntiajteb), business (kev kawm lagluam), thiab engineering (kev kawm txog tsim khoom) yuav muaj rau los kawm txog. Txoj kev kawm npaj cov tub ntxhais kawm mus ua qhov kev xeeb Advanced Placement Statistics examination.

**Integrated Math 1**

**311001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Integrated Mathematics 1 yog thawj ntu kev kawm ntawm peb ntus ntawm txoj kev kawm no uas tsim thiab nthuav ntxiv kev kawm ua zauv/ua lej uas cov tub ntxhais kawm tau kawm dhau los hauv cov qib kawm nyob tsevkawm theem nrab. Lub Xeev Tus Qauv Hauvpaus Kev Kawm CCSS rau kev kawm ua lej twb yeej tsim los ua cov koog kev kawm uas qhia meej thiab zoo los pab cov tub ntxhais kawm pom cov kev sib txheeb licas thiab cov siv tau tiag hauv ntiajteb ntawm ntau cov chaw kev kawm hauv kev kawm ua lej/ua zauv. Integrated Mathematics 1 qhia mus tob thiab nthuav ntxiv ntawm txoj kev totaub thiab nkagsiab txog cov linear relationships, uas pom tau li hais los ntawm txoj kev sib piv lawv nrog rau cov exponential phenomena, uas pom tau li hais los ntawm txoj kev siv cov qauv linear models rau cov data uas pom tias tsim muaj ib qho linear trend. Integrated Mathematics 1 siv cov cai properties thiab theorems uas cuam tshuam nrog cov congruent figures kom kawm tau tob ntxiv thiab nthuav ntxiv txoj kev totaub ntawm geometric knowledge uas tau kawm nyob cov qib dhau los. Cov koog kev kawm uas muaj nyob rau hauv txoj kev kawm ntawm no muaj cov qauv cai muab los ntawm cov pawg tswvyim kev kawm ntawm Zauv thiab Quantity, Algebra, Functions, Geometry, thiab Statistics thiab Probability, thiab cob qhia cov ntawm no raws li ib ntu kev kawm zauv uas muaj kev sib txheebze licas thiab nyob uake licas (in an interconnected and coherent sequence). Cov Qauv Kev Xyaum Ua Zauv (Mathematical Practice Standards) siv nyob thoob plaws txhua ntu koog kev kawm thiab, uake nrog cov qauv ntaub ntawv (content standards), uas pom zoo rau cov tub ntxhais kawm muaj kev kawm pom paub dhau los txog kev ua lej/ua zauv tam li yog ib qho nyob uake, muaj nqes rau siv, thiab yog qhov raug logical subject uas tau coj los siv ntawm lawv cov peevxwm los nkagsiab cov teebmeem problem situations.

# Cov Kev Piav Txog Kev Kawm - Mathematics

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## Integrated Math 2

**321001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 1

**Piav txog Kev Kawm:** Integrated Mathematics 2 yog ntu ob ntawm peb ntus kev kawm uas tsim thiab nthuav ntiv kev kawm ua zauv/ua lej uas cov tub ntshais kawm tau kawm dhau los hauv cov qib kawm nyob tsevkawm theem nrab. Lub Xeev Tus Qauv Hauvpaus Kev Kawm CCSS rau kev kawm ua lej twb yeej tau tsim los ua cov koog kev kawm uas qhia meej thiab zoo los pab cov tub ntshais kawm pom cov kev sib txheeb licas thiab cov kev siv tau tiag hauv ntiajteb ntawm ntau cov chaw kev kawm hauv kev kawm ua lej/ua zauv. Integrated Mathematics 2 txoj kev kawm tsom rau ntawm cov quadratic expressions, equations thiab functions, thiab rau ntawm qhov kev sib piv txog cov characteristics thiab cwj pwm ntawm cov expressions, equations, thiab functions ntawm no nrog rau cov linear thiab exponential relationships hauv Mathematics I. Cov Qauv Kev Xyaum Ua Zauv (Mathematical Practice Standards) siv nyob thoob plaws txhua ntu koog kev kawm thiab, uake nrog cov qauv ntaub ntawv (content standards), uas pom zoo rau cov tub ntshais kawm muaj kev kawm pom paub dhau los txog kev ua lej/ua zauv tam li yog ib qho qhia meej, muaj nqes rau siv, thiab yog qhov raug logical subject uas tau coj los siv ntawm lawv cov peevxwm los nkagsiab lub ntiajteb tseeb tiag cov teebmeem problem situations.

## Integrated Math 2 Honors

**322001** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 1

**Piav txog Kev Kawm:** Honors Integrated Mathematics 2 yog ntu ob ntawm peb ntus kev kawm uas tsim thiab nthuav ntiv kev kawm ua zauv/ua lej los npaj cov tub ntshais kawm rau cov kev kawm Advanced Placement tomqab kawm tas Honors Integrated Math 3.

## Integrated Math 3

**331001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 2

**Piav txog Kev Kawm:** Integrated Mathematics 3 yog ntu peb ntawm peb ntus kev kawm uas tsim thiab nthuav kev kawm ua zauv/ua lej uas tau kawm hauv cov qib kawm ua ntej dhau los. Cov tub ntshais kawm uas kawm tiav Integrated Mathematics 3 yuav muaj kev npaj txhij rau xyoo plaub ntawm ib txoj kev kawm npaj rau tsevkawm txheeb txoj kev kawm zauv. Lub Xeev Tus Qauv Hauvpaus Kev Kawm CCSS rau kev kawm ua lej twb yeej tau tsim los ua cov koog kev kawm uas qhia meej thiab zoo los pab cov tub ntshais kawm pom cov kev sib txheeb licas thiab cov kev siv tau tiag hauv ntiajteb ntawm ntau cov chaw kev kawm hauv kev kawm ua lej/ua zauv. Integrated Mathematics 3 txoj kev kawm tsom rau ntawm kev pom paub txog cov polynomials uas kawm txog ntu theem siab hauv qhov Fundamental Theorem of Algebra. Cov tub ntshais kawm pom txog hais tias cov arithmetic of rational expressions siv tib co cai li cov arithmetic of rational numbers. Cov tub ntshais kawm coj ntau yam function hauv ntau pabpawg uas

lawv tau kawm los rhuav ua tej yam tsawg thiab me kom thiaj li nkagsiab zoo thiab nthuav ntiv txoj haujlwm no los rau cov exponential functions kom siv tau rau cov logarithms. Lawv kawm txog cov kev txawv txav effects ntawm cov kev hloov nyob hauv cov duab graphs ntawm ntau hom diverse functions. Cov tub ntshais kawm kawm txog cov cai the Laws of Sines thiab Cosines kom lawv thiaj li nrhiav tau sab tsis tau ntsuas ntawm cov general triangles. Trigonometry yog ib qho uas coj los siv rau ntau yam tsis yog rau right triangle xwb uas tsim los mus rau lub tswvvyim ntawm radian measure rau cov cegkaum angles thiab nthuav qhov chaw siv domain ntawm cov trigonometric functions kom tau rau tagnrho cov zauv tiag, real numbers. Cov tub ntshais kawm qhia muaj kev nkagsiab txog ntau hom data uas sib txawv, cov kev faib tawm uas tejzaum tshwmsim tau (probability distributions), thiab ntau txoj hau kev txawv ntawm txoj kev sau data ntawm cov kev kawm dhau los. Cov tub ntshais kawm nthuav ntiv lawv txoj kev totaub ntawm txoj kev ua tus qauv raws li txhua yam nyob ib puag ncig ntawm cov functions, parameters thiab cov chaw domains ntawm cov functions. Qhov Mathematical Practice Standards) siv nyob thoob plaws txhua ntu koog kev kawm thiab, uake nrog cov qauv ntaub ntawv (content standards), uas pom zoo rau cov tub ntshais kawm muaj kev kawm pom paub dhau los txog kev ua lej/ua zauv tam li yog ib qho qhia meej, muaj nqes rau siv, thiab yog qhov raug logical subject uas tau coj los siv ntawm lawv cov peevxwm los nkagsiab lub ntiajteb tseeb tiag cov teebmeem problem situations.

## Integrated Math 3 Honors

**332001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 2

**Piav txog Kev Kawm:** Txoj kev kawm Honors Integrated Mathematics txoj hauv kev taug tau tsim los rau cov tub ntshais kawm uas pom tau hais tias lawv muaj kev npaj txhij txaus rau ib ntu kev kawm txheeb siab uas muaj cov qauv cai Plus Standards nrog rau cov Pre-Calculus Standards. Nrog ntiv rau cov ntsiab lus qhia ntawv hauv Integrated Mathematics 3, txoj kev kawm honors course ntawm no qhia ntiv cov kev kawm trigonometric functions thiab identities, inverse functions thiab representations of functions ntau tshaj ntiv. Cov tub ntshais kawm uas kawm tiav txoj kev kawm Honors Integrated Mathematics 3 ntawm no yuav muaj kev npaj txaus rau txoj kev xeeb AP Calculus. CCSS rau kev kawm ua lej twb yeej tau tsim los ua cov koog kev kawm uas qhia meej thiab zoo los pab cov tub ntshais kawm pom cov kev sib txheeb licas thiab cov kev siv tau tiag hauv ntiajteb ntawm ntau cov chaw kev kawm hauv kev kawm ua lej/ua zauv. Integrated Mathematics 3 txoj kev kawm tsom rau ntawm kev pom paub txog cov polynomials uas kawm txog ntu theem siab hauv qhov Fundamental Theorem of Algebra. Cov tub ntshais kawm pom txog hais tias cov arithmetic of rational expressions siv tib co cai li cov arithmetic of rational numbers. Cov tub ntshais kawm coj ntau yam function hauv ntau pabpawg lawv tau kawm los rhuav ua tej yam tsawg thiab me kom thiaj li nkagsiab zoo thiab nthuav ntiv txoj haujlwm no los rau cov exponential functions kom siv tau rau cov logarithms. Lawv kawm txog cov kev txawv txav effects ntawm cov kev hloov nyob hauv cov duab graphs ntawm ntau hom diverse functions. Cov tub ntshais kawm kawm txog cov cai the Laws of Sines thiab Cosines kom lawv thiaj li nrhiav tau sab tsis tau ntsuas ntawm cov general triangles. Trigonometry yog ib qho uas coj los siv rau ntau yam tsis yog rau right triangle xwb uas tsim los mus rau lub tswvvyim ntawm radian measure rau cov cegkaum angles thiab nthuav qhov chaw siv domain ntawm cov trigonometric functions kom tau rau tagnrho cov zauv tiag, real numbers.

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Cov tub ntxhais kawm qhia muaj kev nkagsiab txog ntau hom data uas sib txawv, cov kev faib tawm uas tejzaum tshwmsim tau (probability distributions), thiab ntau txoj hau kev txawv ntawm txoj kev sau data ntawm cov kev kawm dhau los. Cov tub ntxhais kawm nthuav ntxiv lawv txoj kev totaub ntawm txoj kev ua tus qauv raws li txhua yam nyob ib puag ncig ntawm cov functions, parameters thiab cov chaw domains ntawm cov functions. Qhov Mathematical Practice Standards) siv nyob thoob plaws txhua ntu koog kev kawm thiab, uake nrog cov qauv ntaubntawv (content standards), uas pom zoo rau cov tub ntxhais kawm muaj kev kawm pom paub dhau los txog kev ua lej/ua zauv tam li yog ib qho qhia meej, muaj nqes rau siv, thiab yog qhov raug logical subject uas tau coj los siv ntawm lawv cov peevxwm los nkagsiab lub ntiajteb tseeb tiag cov teebmeem problem situations.

### Pre-Calculus

**341005** (FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 2

**Piav txog Kev Kawm:** Txoj kev kawm no muab txhua fab kev kawm qhia uake ntawm trigonometric, geometric, thiab algebraic cov tswvyim uas yuam pab cov tub ntxhais kawmntawv npaj rau lawv txoj kev kawm calculus thiab lwm cov kev kawm txheejsiab. Txoj kev kawm qhia tiav hlo qee cov ntsiab lus uas xub thawj kawm txog nyob yav ntxhov ua ntej hauv cov kev kawm ntawm no, xws li yog Integrated Math II. Lub zeemmuag hauvpaus qhia meejpem nyob rau hauv txoj kev kawm no. Cov ntsiab lus tseemceeb yog xws li mathematical induction (ib txoj hau kev ua zauv los piav qhia tias yog tiag), cov hauvpaus zauv ntawm cov polynomials, cov conic sections, thiab cov limits. Txoj kev kawm trigonometry cuam tshuam nrog txoj kev siv cov tswvyim uas tau kawm dhau los ntawm qhov kev kawm algebra thiab geometry. Kawm mus ntxiv txog trigonometric cov functions kuj yuav ua rau muaj tus peevxwm qhia tau qhov tseeb ntawm cov basic identities.

### Pre-Calculus Honors

**342004** (GUHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C: Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 2

**Piav txog Kev Kawm:** Txoj kev kawm no muab txhua fab kev kawm qhia uake ntawm trigonometric, geometric, thiab algebraic cov tswvyim uas yuam pab cov tub ntxhais kawmntawv npaj rau lawv txoj kev kawm calculus thiab lwm cov kev kawm txheejsiab. Txoj kev kawm qhia tiav hlo qee cov ntsiab lus uas xub thawj kawm txog nyob yav ntxhov ua ntej hauv cov kev kawm ntawm no, xws li yog Integrated Math II. Lub zeemmuag hauvpaus qhia meejpem nyob rau hauv txoj kev kawm no. Cov ntsiab lus tseemceeb yog xws li mathematical induction (ib txoj hau kev ua zauv los piav qhia tias yog tiag), cov hauvpaus zauv ntawm cov polynomials, cov conic sections, thiab cov limits. Txoj kev kawm trigonometry cuam tshuam nrog txoj kev siv cov tswvyim uas tau kawm dhau los ntawm qhov kev kawm algebra thiab geometry. Kev kawm ntxiv txog

trigonometric cov functions kuj yuav ua rau muaj tus peevxwm qhia tau qhov tseeb ntawm cov basic identities. Ntu Honors ntawm txoj kev kawm no nthuav ntxiv qhov piav tob thiab meej txhua yam nrog rau qhov nyuaj ntawm cov ntaubntawv.

### Statistics

**341003** (FHS, GUHS, PHS, RLHS)

**Qib:** 12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Math **UC/CSU a-g:** C Mathematics

**Kev Kawm Ua Ntej:** Integrated Math 2

**Piav txog Kev Kawm:** Txoj kev kawm no yuav pib qhia txog cov hauvpaus ntsiab lus ntawm probability (qhov yuav tshwmsim tau) thiab statistics (cov tswvyim los sau, tshuaj xyuas thiab txiav txim cov ntaubntawv thiab duab txhais tau licas). Nws yuav muaj nrog xws li ib qho kev tshuaj xyuas txog cov ntaubntawv tshawb fawb tau los muaj kev tshwmsim licas (an analysis of data probability), cov kev xeem tshuaj xyuas cov zauv sib faib licas ntawm kablus nug twv tseg kwvyees seb muaj kev sib txheeb raws li cov zauv (distributions tests of hypothesis estimation regression), thiab kev sib txheeb nyob muaj pab pawg (correlation) thiab tshuaj xyuas ntawm yam sib txawv, sib nrug ntawm nruabnrab (analysis of variance). Txheebze nrog cov kev siv psychology (kev kawm txog lub hlwb thiab cwjpw), social science (kev kawm txog tibneeg ua neej), natural science (kev kawm txog yam tiag muaj hauv lub ntiajteb), business (kev kawm lagluam), thiab engineering (kev kawm txog tsim khoom) yuav muaj rau los kawm txog.

## Social Science (Kev Tshawbfawb Kev Ua Neej)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
American Government	241004	X	X	X	X	X	X	X	X
AP African American Studies	233011			X					
AP European History	223009		X	X	X				
AP Government and Politics	243004		X	X	X			X	
AP Human Geography	213007			X					
AP Macroeconomics	243003		X	X	X			X	
AP US History	233002		X	X	X			X	
AP World History	223001			X				X	
Economics	241003	X	X	X	X	X	X	X	X
Geography	211007			X					
Psychology	231005						X	X	X
Race and Social Justice	231SJ2	X	X	X					X
Sociology	231006							X	X
US History	231002	X	X	X	X	X	X	X	X
World History	221001	X	X	X	X	X	X	X	X

# Cov Kev Piav Txog Kev Kawm – Social Science

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## American Government

**241004** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Govern **UC/CSU a-g:** A:History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Cov tub ntxhais kawm hauv qib kaum-ob caum ib txoj kev totaub tob tshaj no ntxiv txog ntawm cov tuamtxhab kooshaum nom tswv Meskas. Lawv kawm txog muab tus txheejtxheem ntawm cov nom tswv hauv lub ntiajteb nyob lub caij tam sim no los siv piv uake thiab tshuaj xyuas txog keebkwm thiab kev hloov ntawm cov kev txhiaj txhais Meskas tsab cai tebchaws the Constitution, the Bill of Rights, thiab ntawm lub caijnyoog tsuj tebchaws tam sim no hauv cov pab pawg nom tswv legislative (tsim kev cai), executive (tuam thawj tsuj), thiab judiciary (tsoom txiav txim).

AP African American Studies

233011 (UA)

**Qib:** 9-12 **Duration:** Semester (5 credits) **HS Grad Req:** Keeb Kwm/Social Science

**UC/CSU a-g:** G: Electives Yam yuavtsum tau kawm uantej: Tsis muaj  
**Course Description:** AP African American Studies yog ib chav kawm interdisciplinary uas tshuaj xyuas ntau haiv neeg ntawm African American kev paub dhau los ntawm kev ntsib ncaj qha nrog ntau qhov chaw. Cov tub ntxhais kawm tshawb nrhiav cov ntsiab lus tseem ceeb uas txuas ntxiv los ntawm African lub nceeg vaj thaum ntxov mus rau cov kev cov nyom thiab kev ua tiav ntawm lub sijhawm tam sim no. Muab tus cwj pwm cuam tshuam ntawm African American Studies, cov tub ntxhais kawm hauv chav kawm yuav txhim kho kev txawj ntse thooob plaws ntau thaj chaw, nrog rau kev tsoom mus rau kev txhim kho keeb kwm, kev sau ntawv, kev pom, thiab kev txheeb xyuas cov ntaub ntawv. Hoob no qhia txog kev kawm txog kev sib txawv ntawm cov zej zog Dub hauv Tebchaws Meskas hauv cov ntsiab lus dav dav ntawm Africa thiab African diaspora.

## AP European History

**223009** (FHS, GUHS, HHS)

**Qib:** 10 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** W. History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm txog haivneeg European li keebkwm txij li thaum xyoo 1450 pib qhia rau cov tub ntxhais kawm los kawm txog lawv kab li kev cai, kev khwv noj haus ntawm kev siv nyiaj txiag, kev ua tebchaws, kev ntseeg dabqhuas tswv ntuj, thiab cov kev txhim kho loj hlob hauv kev ua neej uas yog ib co feemxyuam dejnum hauvpaus tseemceeb tshaj los tsim thiab ntxeev lub ntiajteb raws nkaus li lawv txoj kev ua neej nyob. Dua li ntawm qhia rau lawv kawm paub txog qhov hauvpaus ntsiab lus ntawm cov kev tshwmsim thiab cov kev txawv txav, lub homphiaj ntawm tus phiajxwm qhia ntawv AP program hauv cov haivneeg European Keebkwm yog rau lawv los tsim muaj (1) ib qho kev totaub txog qee cov ntu kev kawm hauvpaus tseemceeb hauv lub caijnyoog tam sim no ntawm cov haivneeg European Keebkwm, (2) muaj ib tug peevxwm los tshuaj xyuas keebkwm cov khoom povthawj thiab txoj kev txhiaj txhais ntawm keebkwm, thiab (3) muaj ib tug peevxwm los qhia tawm kev totaub zoo txog keebkwm sau rau hauv ntaubntawv. \*Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm AP Social Science hais tias lawv yuav ua txoj kev xeev AP Exam ntawm txoj kev kawm.

## AP US Government and Politics

**243004** (FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Govern **UC/CSU a-g:** A:History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm AP United States Government & Politics qhia txog ib txoj kev xam pom kev tshuaj xyuas txog nom tswv

thiab kev ua teb ua chaw hauv tebchaws Meskas, United States. Txoj kev kawm ntawm no cuam tshuam txog ob yam huvtibi ntawm txoj kev kawm txog cov ntsiab lus thujpaj uas siv los txhiaj txhais Meskas txoj kev ua teb ua chaw thiab txoj kev tshuaj xyuas txog qee cov roojplaub cov tswvim kev tshawbfawb. Nws kuj tseem kom los kawm thiab swm paub zoo txog ntau cov tuamtxhab, cov pabpawg, cov kev ntseeg, thiab cov tswvim uas muaj tseeb raws U.S. txoj kev khiav dejnum kav teb kav chaw. Ib npe tseemceeb muab los rau txoj kev tshuaj xyuas txog cov kev sibtxheeb ntawm cov nom tswv hauv tsoom fwv tebchaws, lub xeev thiab hauv zej zog, nrog txoj kev ua zoo kawm txog cov ntaubntawv keebkwm tseemceeb xws li cov Federalist Papers. Cov qauv kawm ntawm no sawvcev rau tagnrho uake ntawm cov kev paub thiab txawj txog pejxeem txoj dejnum thaum uas cov tub ntxhais kawm npaj los xaiv tsa, raustes rau hauv zej zog cov kev khiav haujlwm, thiab los lees txog cov dejnum feemxyuas ntawm tus kheej txoj kev yog ib tug pejxeem. \*Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm AP Social Science ntawm no hais tias lawv yuav los ua txoj kev xeev AP Exam ntawm txoj kev kawm.

## AP Human Geography

**213007** (GUHS)

**Qib:** 9-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Electives **UC/CSU a-g:** A:History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm AP Human Geography (APHG) pib qhia cov tub ntxhais kawm txog tus txheejtxheem kawm, saib ntawm cov qauv (patterns) thiab cov hauv kev ua uas tau tig thiab ntxeev tibneeg txoj kev totaub, kev siv thiab txoj kev hloov ntawm lub ntiajteb, the Earth, daim av. Cov tub ntxhais kawm yuav ua twb zoo siv cov ntsiab lus kev kawm ntawm chaw, sijhawm thiab daim av, toj roob hauv pes txoj kev tshuaj xyuas coj los ntsuam xyuas tibneeg kev ua neej, coj noj coj ua thiab nws cov txim tshwmsim rau daim av uas lawv nyob. Lawv kuj kawm txog cov txheejtxheem thiab cov twj uas cov neeg txawj fab kev saib av, pobze thiab tej toj roob hauv pes siv nyob rau hauv lawv cov kev txawj siv science thiab cov kev xyaum. Txoj kev kawm APHG muab lub cibfim rau cov tub ntxhais los kawm txog lub ntiajteb cov tibneeg nyob thooob plaws lub ntiajteb no, nrog rau lub ntiajteb cov kev ntseeg dabqhuas, haivneeg, thiab

# Cov Kev Piav Txog Kev Kawm – Social Science

cov teebmeem, kev ua teb ua chaw ciam av cov kev sib covnyom tsis haumxeb, thiab, txawv tebchaws cov kev tsis sibhaum. Ntxiv thiab, cov tub ntxhais kawm yuav kawm txog tibneeg kab li kev cai cov chaw tshwmsim qhov twg los thiab cov hom lus sib qhia licas. Cov tub ntxhais kawm yuav kawm txog ob yam ntawm no huvtibsi kev siv cov av nyob nruag zos thiab cov chaw hauv zos muaj xws li ntawm cov kev xyaum ua liaj ua teb, kev txhim kho kev khiav nyiaj txiag, kev siv nruabzog, kev tsim khoom ntau thiab yoojyim hauv cov tsev ua haujlwm, thiab lub nroog txoj kev npaj. APHG npaj cov tub ntxhais kawm rau tsevkawm txheejsiab cov kev kawm theem nrab thiab theem txheejsiab los ntawm cov kev tawmtshaj lawv txoj kev txawj zoo tibyam li cov kev kawm qhia hauv ib-nrab xyos ntawm tsevkawm txheejsiab kev kawm theem pib. Cov tub ntxhais kawm yuav tsum txawj xav, pom deb txaus, siv cov kev paub tseeb kom lawv thiaj li xyaum tau lawv cov kev txawj xav, tshuaj xyuas li yam txawj ntse. Muaj cov kev txawj nyeem thiab sau ntawv keej, nrog rau ib txoj kev txaus siab hlo los mob siab siv sijhawm los nyeem ntawv, ua cov homework, thiab saib ntawv ntawm nws tus kheej uas yog cov kev tsimnyog

ua thiaj li vammeej tau.

## AP Macroeconomics

**243003** (FHS, GUHS, HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Econ **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** AP Macroeconomics yog tsim los muab rau cov tub ntxhais kawm muaj ib qho kev totaub zoo txog cov hauv paus kev cai ntawm kev khiav nyiaj txiag uas siv rau ib tug txheej txheem khiav nyiaj txiag tam li yog ib tug. Ntawm no muaj qee nqe lus uas tseemceeb uas tso rau txoj kev kawm txog lub tebchaws khwv nyiaj licas thiab cov nqe txiav txim licas. Macroeconomics piav txog qhov thajchaw saib xyuas nyiaj txiag uas peb ua neej nyob nrog rau nom tswv cov kev txiav txim uas raug rau ib tug twg thiab lub zej zog pawg khiav lagluam. \* Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm AP Social Science ntawm no hais tias lawv yuav los ua txoj kev xeem AP Exam ntawm txoj kev kawm.

# Cov Kev Piav Txog Kev Kawm – Social Science

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## AP United States History

**233002** (FHS, GUHS, HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** US History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** AP Keebkwm Meskas yog tsim los muab rau cov tub ntxhais kawm muaj cov kev txawj tshuaj xyuas thiab muaj txoj kev paub txog yam tseeb tsimnyog los ua twb zoo daws cov teebmeem thiab cov khoom nyob txheej tiam pre-Columbian era txog rau tiam ntawm no. Cov menyuum kawmntawv yuav kawm txog ntsuamxyuas cov khoom keebkwm – lawv puas tseeb tsimnyog txaus koj los txhiaj txhais rau ib qho teebmeem, puas tsimnyog ntseeg tau, thiab lawv tseemceeb npaum licas – thiab los luj qhov povthawj thiab cov kev txhais tau licas hauv keebkwm kev kawm cov ntaubntawv tshawbfbawb. Txoj kev kawm AP Meskas Keebkwm kuj yuav tsim kho cov kev txawj muaj peevxwm tsimnyog xav tau los txog ntawm cov lus xaus raws li muaj ib txoj kev txiav txim uas pom paub txog txhua yam lawm thiab los ua twb zoo nthuav qhia tawm cov kev tim vim licas thiab cov povthawj koom meejpem thiab sau ntawv raws li ib qho essay format uas ntxim txaus ntseeg heev. \* Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm AP Social Science ntawm no hais tias lawv yuav los ua txoj kev xeem AP Exam ntawm txoj kev kawm.

## AP World History

**223001** (GUHS, RLHS)

**Qib:** 10 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** W. History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Lub homphiaj ntawm txoj kev kawm AP Ntiajteb Keebkwm yog los tsim kom muaj txoj kev totaub zoo tshaj ntxiv txog qhov kev hloov ntawm ntiajteb cov txheejtxheem thiab ntawm cov kev sib ntsib thiab kev sib pauv tswvyim/ua lagluam ntawm ntau hom haivneeg txawv. Qhov kev totaub ntawm no yuav

nkagsiab tau los ntawm cov kev paub uas tseeb uas xaiv los uake thiab cov kev txawj tshuaj xyuas uas tsimnyog. Txoj kev kawm qhia txog txawv tebchaws cov txheejtxheem ua haujlwm tus yamntxwv cov kev hloov licas, vim licas lawv thiaj li hloov thiab cov teebmeem muaj tomqab cov kev hloov ntawd, thiab cov kev sib piv txog ntawm cov haivneeg loj. Nws tham txog qhov tseemceeb ntawm txoj kev siv cov kev paub uas tseeb thiab tsimnyog nrog cov teebmeem tshiaj uas txhais yog licas los muaj thiab ntau hom povthawj keebkwm. Txoj kev kawm txhim kho toj txuas ntxiv ntawm ib qho kev totaub txog kab lis kev cai, tsim pabpawg, thiab cov twj tsim muaj tseg uas, nrog rau daim av, tsim tau tibneeg thajchaw. Txoj kev qhia raws li tiam rau ib tiam, yuav koj los tham txog txhij txhua, uas nws tsim lub ntsiab lus tseemceeb txog yam hloov thiab txuas cov kev kawm mus licas txog qhov kawg hauv txoj kev kawm no. Qee lub ntsiab lus tswvyim ntawm ib qho twg yuav ua rau muaj kev kawm tham txog mus tau zoo hauv txoj kev kawm ntawm no, nrog rau ua twb zoo nco thiab mloog txog cov kev sib ntsib ntawm cov haivneeg txawv uas qhov ntawd yog qhov tsim lub hauvpaus ntawm ntiajteb keebkwm tam li yog ib qho chaw ntawm txoj kev kawm ntawv. \* Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm AP Social Science ntawm no hais tias lawv yuav los ua txoj kev xeem AP Exam ntawm txoj kev kawm.

## Economics

**241003** (Tagnrho Cov Tsevkawm)

**Qib:** 11-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Econ **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no ua rau cov tub ntxhais kawm ua haujlwm tau zoo tshaj qub ntxiv hauv peb lub tebchaws kev khwv nyiaj txiag tam li lawv yog cov pejeem, tam li yog cov neeg ua haujlwm zoo, thiab tam li yog cov neeg yuav khoom. Los ntawm cov kev sim thiab xyaum ua, cov pabpawg thiab ib tug twg cov haujlwm loj, thiab cov kev qhia ntawv thiab kev sib sablaj, cov menyuum kawmntawv yuav kawm txog cov kev txawj xav tob txog txoj kev khwv nyiaj txiag thiab txoj kev txiav txim. Kawm txog cov ntaubntawv uas yog keebkwm uas yog cov hauvpaus kev cai ntawm kev tswj, khiav thiab siv nyiaj txiag ntawm ib tug twg lossis ib pawg twg thiab lub tebchaws, txawv tebchaws cov kev tswj, khiav thiab siv nyiaj txiag, kev sibpiv txog cov txheejtxheem tswj, khiav thiab siv nyiaj txiag sibtxawv licas, txoj kev ntsuas sibtxawv licas thiab cov tswvyim sibtxawv licas.

## Geography

**211007** (GUHS)

**Qib:** 9-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Geography muaj txoj kev kawm txog ntawm lub ntiajteb cov toj roob hauv pes, pasdej, pasav, txhua tsam yam ntawm daim av thiab cov hauv kev uas tibneeg siv lawv licas thiab ho hloov thajchaw nyob ib puagnicig ntawm lawv hauv lub ntiajteb licas. Yuav los kawm txog txhua cov thajchaw loj tseemceeb hauv lub ntiajteb. Txoj kev kawm yuav los qhia txog yam tseemceeb ntawm txoj kev txhim kho cov kev txawj nyeem ntawv tob thiab sau ntawv, thiab txoj kev txawj saib daim duab qhia kev, qhia tebchaws, qhia chaw. Txoj kev kawm World Geography yuav npaj cov tub ntxhais kawm rau lub neej tom ntej txoj kev xam pom seb puas kawm toj txuas ntxiv hauv such social science cov kev kawm xws li Advanced Placement (AP) World History thiab AP United States History.

## Psychology

**231005** (RLHS)

**Qib:** 10-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Electives **UC/CSU a-g:** G:Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog qhov xub pib kawm txog ntawm psychology, lub hlwb khiav haujlwm licas, nrog rau ib nqe tseemceeb rau kev noj qab nyob zoo ntawm txoj kev xav, mental health. Cov koog kev kawm muaj xws li: cov tswvyim kev ntseeg raws qhov dav dav thiab cov kev sibtham uas nyuaj thiab Tsis muaj kev haumxeb nyob hauv lub sijhawm tam sim no txoj kev xyaum thiab ua hauv fab kev kawm ntawm no, cov kev xyaum dag thiab ua tsis ncaincees, cov cwjpwv tiv thaiv tus kheej, cov kev pom tus kheej qes lossis Tsis muaj nujnqes, cov xeebceem tu siab lossis ntxhov siab uas yog yam tsis zoo, cov pabpawg phoojywg, cov phaum neeg kev sibnrug tsis sib nkagsiab ib tug, kev sibtham ua nkaujnrang, txoj kev haumxeb nrog ib tug lossis ntau tug uas nws nrog pw, yam lossis tus neeg txhua tus paub, kev tua tus kheej, kev siv yeeb tshuaj, muaj mob puas hlwb loj/vwm dhau lawm tsis paub qhov tseeb thiab qhov cuav ntawm lub neej, thiab cov kev pab los kho cov mob muaj nyob lub sijhawm tam sim no. Cov kev kawm, kev ua thiab cov homphiaj tsum los rau cov tub ntxhais kawm yog txiav txim los ntawm cov xibfwb seb lawv yuav qhia thiab tswj licas. Txoj kev kawm ntawm no yog tsim los rau ua khub kawm nrog txoj kev kawm Sociology.

# Cov Kev Piav Txog Kev Kawm – Social Science

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## Race and Social Justice

**2315J2** (CCAA, GUHS, PHS, VNHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** U.S. History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tau tsim los ncav kom cuag cov qauv cai ntawm txoj kev kawm los ntawm pom txog ntau kis, ntau cov hau kev txawv ntshia uas pom lub tebchaws Meskas li keebkwm zoo licas. Txoj kev kawm ntawm no saib txog txoj dejnum ntawm ntau cov pabpawg uas muaj rojntsha zoo tibyam, cov pabpawg uas tsawg, thiab cov haivneeg txawv lawv qhov feemxyuam hauv keebkwm yog dabtsi. Pivtxwv li no, peb yuav tsis los kawm sablaj txog txhua yam thuajpais uas qhov Great Depression raug rau cov neeg Meskas licas, tiamsis peb yuav los kawm txog ib qho teebmeem kiag xws li Scottsboro Boys, thiab nws ho ua licas raug rau neeg txoj kev khwv noj khwv haus, ua neej nyob thiab kev kav teb kav chaw ntawm ntu Great Depression. Yuav koj cov tub ntxhais kawm los xyaum thiab ua kom tiav hlo ib qho haujlwm loj kev tshawbfawb hauv lawv pabpawg. Txoj haujlwm loj ntawm no yuav cuam tshuam txog ib qho teebmeem hauv keebkwm uas txheebze txog haivneeg cov kev sib raugzoo thiab koj qhov ntawd los piav txog ib qho teebmeem lossis ib qho kev tshwmsim nyob tiam tamsim no hauv tus menyuam kawm lub neeg.

## Sociology

**231006** (RLHS)

**Qib:** 11-12 **Caijnyoog:** Semester (5 credits)

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Cov tub ntxhais kawmntawv pib los kawm txog science of sociology, txoj kev tshawbfawb ntawm haivneeg txoj kev loj hlob ua pab ua pawg, kev ua neej cov teebmeem; cov neeg nto npe uas yog cov tsim fab kev kawm ntawm no yog leej twg, thiab tiam tamsim no cov tsevkawm cov kev xav. Cov ntshiab lus kawm muaj xws li kab li kev cai uas sawvdaws yoog, cov kev tshwmsim hauv pawg, cwjpwms tsis nyiam koom thiab cwjpwms ua txhaum cai, thiab and cov kev tshwmsim muaj tseeb hauv kev ua neej xws li cov kev tshwmsim hauv tsevneeg, txivneej thiab pojniam txoj kev pom ib tog, kev ntubntxaug tsis ncaincees, thiab ntawm cov muaj thiab cov pluag.

## US History 11

**231002** (Tagnrho Cov Tsevkawm)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** U.S. History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Tebchaws Meskas Keebkwm tsum txoj kev kawm rau peb lub tebchaws qhov hauvpaus thiab cov kev tshwmsim ntawm ntu txoj kev Txawj Ntse Loj Hlob ntawm Meskas cov tswvyim kev ncaincees huajvam sibluag. Cov tub ntxhais kawm yuav kawm txog cov caijnyoog tseemceeb uas ntseev Meskas keebkwm thoobplaws ntu qubqab ntawm tiam 19 thiab txhua yam hauv tiam 20. Cov menyuam kawmntawv yuav tshuaj ntsuam cov kev txhim kho loj hlob tseemceeb nyob lub caijnyoog tiam thaum ntawd mus txog rau tiam ntawm no ntawm txoj kev ua tebchaws, kev ua neej, kev tswj thiab siv nyiaj txiaj hauv lub tebchaws, yam khoom tshiab, thiab kab li kev cai. Lawv xam pom txog kev ua neej cov teebmeem loj uas muaj nyob rau peb tiam thiab sojqabtaug cov kev tib licas raws li muaj hauv keebkwm cov kev tshwmsim. Cov tub ntxhais kawm yuav totaub hais tias peb cov cai raws li

muaj teev tseg hauv Meskas Txoj Cai Tebchaws, U.S. Constitution, yog ib qho puavpheej tseemceebheev uas tos ntsoov ib cov tibneeg pejxeem uas muaj kev kawm los khaws lawv cov cai cia thiab tivthaiav lawv.

## World History 10

**221001** (Tagnrho Cov Tsevkawm)

**Qib:** 10 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** W. History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Cov tub ntxhais kawm hauv qib 10 kawm txog cov kev tshwmsim tseemceeb uas ntseev thiab tig lub ntiajteb los pom muaj li pom nyob rau ntawm tiam no txij li thaum ntu qubqab ntawm tiam 18 mus txog rau tiam tam sim no, nrog rau cov kev tim licas thiab txoj hauv kev taug muaj tshwmsim ntawm ob lub tsovrog ntiajteb. Lawv sojqabtaug txoj kev tshwmsim sawv tshwm tuaj ntawm cov tswvyim kev ncaincees huajvam sibluag thiab los tsim muaj ib qho kev totaub txog keebkwm cov cag hauvpaus ntawm ntiajteb cov teembeem uas muaj nyob rau lub caijnyoog tam sim no, tshwjxeeb yog lawv cuam tshuam nrog txawv tebchaws cov kev sib raugzoo. Lawv kawm tawm los hauv Neeg Meskas cov kev kawm, kev ua thiab kev paub dhau los (American experience) hais tias cov tswvyim kev ncaincees huajvam sibluag mam ntau zaus ua tau los twb vim yog yuav tsum pauv nrog ib tug nqe siab, tseem nyob rau qhov phomsij raug rhuavtshem thaum twg los tau, thiab lawv tsis yog ib co uas neeg ntawm txhua qhov chaw hauv lub ntiajteb koj thiab xyaum. Cov tub ntxhais kawm yuav los kawm tau muaj ib txoj kev totaub txog lub ntiajteb cov teebmeem nyob lub caijnyoog tam sim no yog dabtsi thiab los nkagsiab txog cov teebmeem ntawm no nrog lawv cov keebkwm, cov thajchaw, kev ua tebchaws, kev tswj thiab siv nyiaj hauv lub tebchaws, thiab kev koj noj koj ua, kab li kev cai. Cov menyuam kawmntawv yuav kawm los pom txog ntau cov kev tshwmsim kom lawv thiaj li totaub txog txawv tebchaws cov kev sib raugzoo zoo licas raws li pom los ntawm ntau kis, ntau pabpawg txoj kev pom.



## Sciences and Health (Kev Tshawb Fawb thiab Kev Nojqab Nyobzoo)

KEV KAWM	ZAUV	CCAA	FHS	GUHS	HHS	KHS	PHS	RLHS	VNHS
Anatomy and Physiology	431005			X				X	
AP Biology	443002	X	X		X			X	
AP Chemistry	433002			X				X	
AP Environmental Science	443004		X	X					
AP Physics C: Mechanics	4430C1			X				X	
AP Physics 1	443003		X	X				X	
AP Physics 2	443005							X	
Chemistry in the Earth System	421003	X	X	X	X			X	
Chemistry in the Earth System Honors	422005								
Health Science	611001	X	X	X	X	X	X	X	
Physics of the Universe	441004	X	X	X	X			X	
Physics of the Universe Honors	421004				X				
The Living Earth	411001	X	X	X	X	X	X	X	X
<b>Haujlwm Loj Coj Txoj Haukev Taug</b>									
Intro to Eng & Design	721007				X			X	
Principles of Engineering	731007				X			X	

### Haujlwm Loj Coj Txoj Haukev (PLTW)

*\*PLTW pathways qheb rau tagrho txhua tus menyuam kawm ntawv; tabsis, cov menyuam kawm yuav tsum tau kawm ib co kev kawm sib raws nroos mas thiaj li yuav txais npe kawm hauv cov chavkawm ntawm no. Thov mus ntsib koj tus menyuam tus counselor yog koj xav kawm cov kev kawm ntawm no.*

# Cov Kev Piav Txog Kev Kawm - Sciences and Health

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## Anatomy and Physiology

**431005** (GUHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Life Sci **UC/CSU a-g:** D: Lab Sci

**Kev Kawm Ua Ntej:** Biology

**Piav txog Kev Kawm:** Anatomy and Physiology (txoj kev kawm txog lub cev thiab lawv ua haujlwm licas) muab rau cov tub ntxhais kawm ib lub cibfim los mus tshawb nrhiav pom txog txoj kev sib chab sib chaws, sib txuas tau licas ntawm lub cev thiab nws txoj haujlwm uas yog nyuaj heev los totaub tau zoo hauv tibneeg lub cev. Chavsim cov kev ua yuav pab txhawb nqa txoj kev totaub ntixv ntawm cov ntsiab lus qhia ntawv thiab cov hauvpaus cai uas tau nthuav qhia tawm hauv txoj kev kawm.

## AP Biology

**443002** (FHS, HHS, RLHS, CCAA, GUHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Life Sci **UC/CSU a-g:** D: Lab Sci

**Kev Kawm Ua Ntej:** Bio, Chemistry Recommended

**Piav txog Kev Kawm:** AP Biology yog ib txoj kev kawm txog yam muaj sia nyob rau theem tsevkawm txheejsiab ntu pib kawm. Cov tub ntxhais kawm yuav ua twb zoo txhim kho lawv txoj kev totaub txog txoj kev kawm yam muaj sia los ntawm cov kev paub raws li pom ntawm cov kev sojntsuam, kev tshawb nrhiav. CHAVSIM TXOJ CAI: Txoj kev kawm ntawm no tseev kom 25 feempua hauv lub sijhawm siv qhia ntawv yuav tsum koj los siv rau chav sim cov haujlwm nqes tes ua. Cov menyuum kawm uas dhau txoj kev xee AP exam muaj lub cibfim los kawm tau tsevkawm txheejsiab li qhabnee credit lossis raug tso nyob qhov chaw zoo ntawm lub tebchaws cov tsevkawm txheejsiab colleges thiab universities.

## AP Chemistry

**433002** (GUHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Phy. Sci **UC/CSU a-g:** D: Lab Sci

**Kev Kawm Ua Ntej:** Integrated Math 1/Alg 1

**Piav txog Kev Kawm:** Txoj kev kawm AP Chemistry (kev kawm txog tshuaj) muab rau cov tub ntxhais kawm ib qho kev kawm theem tsevkawm txheejsiab qhov hauvpaus los pab txhawb nqa txoj kev kawm txheejsiab cov haujlwm txheejsiab tom ntej rau hauv chemistry. Cov menyuum kawm yuav ua twb zoo txhim kho lawv txoj kev totaub txog txoj kev kawm tshuaj los ntawm cov kev paub raws li pom ntawm cov kev sojntsuam, kev tshawb nrhiav. CHAVSIM TXOJ CAI: Txoj kev kawm ntawm no tseev kom 25 feempua hauv lub sijhawm siv qhia ntawv yuav tsum koj los siv rau chav sim cov haujlwm nqes tes ua. Cov menyuum kawm uas dhau txoj kev xee AP exam muaj lub cibfim los kawm tau tsevkawm txheejsiab li qhabnee credit lossis raug tso nyob qhov chaw zoo ntawm lub tebchaws cov tsevkawm txheejsiab colleges thiab universities.

## AP Environmental Science

**443004** (GUHS, FHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Life Sci **UC/CSU a-g:** D: Lab Sci

**Kev Kawm Ua Ntej:** Biology and One Phy. Science

**Piav txog Kev Kawm:** Txoj kev kawm AP Environmental Science (txoj kev kawm tshawb fawb txog txhua yam muaj feemxyuam txog yam muaj sia thiab lawv cov chaw nyob) yog tsim los muaj nqe tibyam li ib-nrab xyoo, ntu kev kawm xub pib hauv tsevkawm txheejsiab txoj kev kawm txog environmental science, uas yog cov tub ntxhais kawm yuav los kawm, los koom paub txog kev tshawbfawb cov cai (scientific principles), cov tswvyim loj, thiab cov txheej txheem tswvyim kuaj uas tseev kom muaj cov kev totaub zoo txog txoj kev sib raugzoo, sib txheebze licas hauv lub ntiaj teb. Txoj kev kawm Environmental Science yog ib yam kev kawm uas sib chab sib chaws nrog lwm cov chaw kev kawm xws li kev kawm txog daim av tsim tau licas, kev kawm txog yam muaj sia, cov kev tshawbfawb txog txhua yam muaj feemxyuam txog yam muaj sia thiab lawv cov chaw nyob, cov kev kawm txog txhua yam feemxyuam txog muaj sia thiab lawv cov chaw, kev kawm txog tshuaj, thiab kev kawm txog daim av zoo licas. CHAVSIM TXOJ CAI: Txawm hais tias Tsis muaj chavsim ib co kev ua ncainraim rau ib qho twg kiag rau txoj kev kawm AP Environmental Science lossis ib co chaw rau los ntsuam xyuas kawm txog uas txoj kev kawm ntawm no tseev kom muaj los, hauv txoj kev kawm ntawm no yeej muaj kev cia siab tseg hais tias cov tub ntxhais kawm yuav los muaj cov kev sim ua thiab cov chaw rau los mus xyuum ntsuam xyuas kom ntau li ntau tau. Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm AP Social Science ntawm no hais tias lawv yuav los ua txoj kev xee AP Exam ntawm txoj kev kawm. Cov menyuum kawm uas dhau txoj kev xee AP exam muaj lub cibfim los kawm tau tsevkawm txheejsiab li qhabnee credit lossis raug tso nyob qhov chaw zoo ntawm lub tebchaws cov tsevkawm txheejsiab colleges thiab universities.

## AP Physics C: Mechanics

**4430C1** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Phy. Sci **UC/CSU a-g:** D: Lab Sci

**Corequisite:** Integrated Math 2

**Piav txog Kev Kawm:** AP Physics C: Mechanics muaj nqe tibyam li theem tsevkawm txheejsiab txoj kev kawm physics nyob ib-nrab xyoo uas siv txoj kev kawm calculus cov zauv/lej, tshwjxeeb tshaj yog tsimnyog los rau cov tub ntxhais kawm uas npaj siab yuav mus kawm kom txawj lossis kawm rau fab kev kawm physical science (txoj kev tshawbfawb txog yam Tsis muaj sia thiab yog tiag hauv lub ntiaj teb) lossis engineering (kev kawm tshawbfawb thiab tsim). CHAVSIM TXOJ CAI: Txoj kev kawm ntawm no muaj chavsim cov kev nqes tes ua uas yog muaj nqe tibyam li theem tsevkawm txheejsiab txoj kev kawm physics chavsim li nyob ib nrab xyoo. Cov menyuum kawmntawv yuav siv yam tsawg kawg 20 feempua ntawm txoj kev qhiantawv cov sijhawm los rau chavsim cov haujlwm nqes tes xyaum. Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm ntawm no hais tias lawv yuav los ua txoj kev xee AP Advanced Placement Physics C: Mechanics. Cov menyuum kawm uas dhau txoj kev xee AP exam muaj lub cibfim los kawm tau tsevkawm txheejsiab li qhabnee credit lossis raug tso nyob qhov chaw zoo ntawm lub tebchaws cov tsevkawm txheejsiab colleges thiab universities.

# Cov Kev Piav Txog Kev Kawm – Sciences and Health

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## AP Physics 1

**443003** (GUHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Phy. Sci **UC/CSU a-g:** D: Lab Sci

**Corequisite:** Integrated Math 2

**Piav txog Kev Kawm:** AP Physics 1 yog ib txoj kev kawm uas siv kev kawm algebra cov kev ua zauv/lej, yog them tsevkawm txheejsiab txoj kev kawm xub pib hauv physics (kev kawm txog . Cov tub ntxhais kawm yuav ua twb zoo txhim kho lawv txoj kev totaub ntawm physics los ntawm cov kev paub raws li pom ntawm cov kev sojntsuam, kev tshawbnrhiav. CHAVSIM TXOJ CAI: Txoj kev kawm ntawm no tseev kom 25 feempua hauv lub sijhawm siv qhia ntawv yuav tsum coj los siv rau chavsim cov haujlwm nqes tes ua. Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm ntawm no hais tias lawv yuav los ua txoj kev xeem Advanced Placement Physics 1. Cov menyuam kawm uas dhau txoj kev xeem AP exam muaj lub cibfim los kawm tau tsevkawm txheejsiab li qhabnee credit lossis raug tso nyob qhov chaw zoo ntawm lub tebchaws cov tsevkawm txheejsiab colleges thiab universities.

## AP Physics 2

**443005** (RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Phy Sci **UC/CSU a-g:** D: Lab Sci

**Piav txog Kev Kawm:** AP Physics 2 yog ib txoj kev kawm uas siv kev kawm algebra cov kev ua zauv/lej, yog them tsevkawm txheejsiab txoj kev kawm xub pib hauv physics. Cov tub ntxhais kawm yuav ua twb zoo txhim kho lawv txoj kev totaub ntawm physics los ntawm cov kev paub raws li pom ntawm cov kev sojntsuam, kev tshawbnrhiav thaum uas lawv kawm txog cov ntsiab lus xws li ntawm kuadej nyob twjywm thiab cov kev txav (fluid statics and dynamics); lub zog thiab kev kub nrog rau cov tswvyim kev ntseeg hauvpaus ntawm kev hloov nrawm npaum licas (thermodynamics with kinetic theory); PV cov duab thiab cov kev tshwmsim tau npaum licas (diagrams and probability); cov hluavtawsxob ntxiv thiab rho nyob ib qho chaw tsis txav (electrostatics); cov kab hluavtawsxob nrog cov ntim fais fab (electrical circuits with capacitors); cov chaw muaj hlau nplaum sib nqus sib thawb (magnetic fields); hluavtawsxob sib nqus sib thawb thiab cov chaw hlau nplaum ua haujlwm uake (electromagnetism); physical and geometric optics; and quantum atomic and nuclear physics. CHAVSIM TXOJ CAI: Txoj kev kawm ntawm no tseev kom 25 feempua hauv lub sijhawm siv qhia ntawv yuav tsum coj los siv rau chavsim cov haujlwm nqes tes ua nrog rau ib nqe tseemceeb rau txoj kev paub raws li pom los ntawm cov kev sojntsuam, kev tshawbnrhiav uas muab rau cov cibfim tau los siv kev tshawbfawb science cov kev xyaum kev ua. Tau cia siab tseg rau tagnrho cov tub ntxhais kawm uas tau rau npe kawm hauv cov chavkawm ntawm no hais tias lawv yuav los ua txoj kev xeem Advanced Placement Physics 2.

## Chemistry in the Earth System

**421003** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Science **UC/CSU a-g:** D: Lab Science, Physical Science

**Kej Kawm Ua Ntej:** Integrated Math 1, Living Earth

**Piav txog Kev Kawm:** Cov tub ntxhais kawm yuav sojntsuam txog txoj kev tsim tau thawj cov elements thiab lawv txoj kev hloov mus ua cov elements hnyav zog thiab yuav siv qhov kev paub ntawm no los tshawb nrhiav pom txog ib lub atom lub cev zoo licas thiab cov qauv pom muaj nyob hauv daim periodic table. Cov menyuam kawmntawv yuav sojntsuam txog cov zog uas tuav matter uake thiab tibneeg ho siv lawv txoj kev totaub txog cov elements thiab molecules ntawm no licas los tsim tau cov khoom muaj txiajntsig. Cov tub ntxhais kawm yuav tshawb nrhiav pom txog kev sib cuamtshuam licas ntawm cov atoms thiab molecules raws li qhia pom los ntawm cov tshuaj hloov licas (chemical reactions), tshawb nrhiav pom txog cov kev uas tsav cov kev hloov ntawm cov tshuaj thiab qhov nws zoo licas raws li lawv txoj kev totaub txog ntawm cov elements thiab cov khoom science. Lawv yuav tshuaj xyuas txog matter thiab zog (energy) muaj kev sib txheebze licas nyob rau hauv thiab thaum tawm hauv cov chemical systems, txuas lub tswvyim no mus rau txoj kev txav ntawm energy mus txhua qhov chaw hauv ntiajteb Earth cov systems thiab cov haukev tibneeg ho tswj tau caijnyoog ntawm no.

## Chemistry in the Earth System Honors

**422005**

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Science **UC/CSU a-g:** D: Lab Science, Physical Science

**Kej Kawm Ua Ntej:** Integrate Math 1, Living Earth

**Piav txog Kev Kawm:** Hauv txoj kev kawm honors course, yuav muaj kawm tob tshaj no ntxiv hauv science, txoj kev siv zauv thiab cov haujlwm uas tau cia siab tseg rau cov tub ntxhais kawm hais tias lawv yuav los ua tiav hlo nyob lawv tus kheej, uas qhov no yuav muaj ntau zuj zus ntxiv. Cov tub ntxhais kawm yuav sojntsuam txog txoj kev tsim tau thawj cov elements thiab lawv txoj kev hloov mus ua cov elements hnyav zog thiab yuav siv qhov kev paub ntawm no los tshawb nrhiav pom txog ib lub atom lub cev zoo licas thiab cov qauv pom muaj nyob hauv daim periodic table. Cov menyuam kawmntawv yuav sojntsuam txog cov zog uas tuav matter uake thiab tibneeg ho siv nws txoj kev totaub txog cov elements thiab molecules ntawm no licas los tsim tau cov khoom muaj txiajntsig. Cov tub ntxhais kawm yuav tshawb nrhiav pom txog kev sib cuamtshuam licas ntawm cov atoms thiab molecules raws li qhia pom los ntawm cov tshuaj hloov licas (chemical reactions), tshawb nrhiav pom txog cov kev uas tsav cov kev hloov ntawm cov tshuaj thiab qhov nws pom zoo licas raws li lawv txoj kev totaub txog ntawm cov elements thiab cov khoom science. Lawv yuav tshuaj xyuas txog matter thiab zog (energy) muaj kev sib txheebze licas nyob rau hauv thiab thaum tawm hauv cov chemical systems, txuas lub tswvyim no mus rau txoj kev txav ntawm energy mus txhua qhov chaw hauv ntiajteb Earth cov systems thiab cov haukev tibneeg ho tswj tau caijnyoog ntawm no licas.

# Cov Kev Piav Txog Kev Kawm - Sciences and Health

## Health Science

**611001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Semester

**HS Grad Req:** Health **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm Kev Tshawb fawb txog Kev Noj Qab Nyob Zoo Science yog ib nqe ntawm txoj cai kawm ntawm tiav. Txoj kev kawm ntawm no kuj tau tsim los cuag lub xeev txoj cai muab kev qhia tivthaiv HIV/AIDS txhij txhua tiav hlo, raws li kev kho mob uas yog tseeb, thiab tsis pub muaj qhia raws ib tog txoj kev xav. Tus txheejtxheem qhia ntawv uas tau pom zoo los ntawm lub xeev thiab tsoom kav tswj, cov tub ntxhais kawm yuav kawm tau cov ntaubntawv uas tseeb los mus tsim muaj ib txoj kev paub pom kev noj qab nyob zoo cov ntaubntawv thiab ib lub neej coj cov yamntxwv yog thiab zoo, thiab coj cov cwjpwam uas txheebze txog lawv tus kheej txoj kev nojqab nyobzoo. Txoj kev kawm no kuj yuav muaj kawm txog zej zog kev noj qab nyob zoo; kev noj qab nyob zoo ntawm lub hlwb kev nyuaj siab ntxhov plawv thiab kev ua neej; txoj kev tivthaiv kom tsis txhob raug mob thiab kev nyabxees; cov kev ua uas zoo rau lub cev; cawv, luamyeeb, thiab lwm hom yeebtshuaj; kev loj, kev loj hlob, thiab lub cev kev ua nkauj ua nraug kev nojqab nyobzoo.

## Physics of the Universe

**441004** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Phy. Sci **UC/CSU a-g:** D: Lab Science

**Kev Kawm Ua Ntej:** Integrated Math 1

**Piav txog Kev Kawm:** Hauv txoj kev kawm Physics of the Universe, cov tub ntxhais kawm yuav los kawm txog cov kev tim licas thiab cov kev raug tshwmsim licas rau cov nruabzog los rau lub ntiajtec Earth thiab hauv lub qabntujkhwb (the Universe), xws li: lub nruabzog uas nqus txhua yam uas muaj qhov hnyav (Gravitational), lub nruagzog thaum sibtschwv (Contact), lub nruagzog hlau nplaum (Magnetic), lub nruagzog uas tuav cov proton thiab neutron uake (Nuclear) thiab lub nruabzog hluavtawsxob (Electrostatic forces). Cov menyuum kawmntawv yuav los sojntsuam kawm txog tus xeebceem ntawm lub zog (energy), thiab cov matter thiab lawv cov kev tswj kom siv lub zog tsawg li tsawg tau los ua tau qhov kev xav tau. Lawv yuav muaj lub cibfim los ntsuam xyuas txoj kev tsim tau los licas ntawm lub ntiajtec Earth daim av thiab lub Qabntujkhwb Txoj Kev Loj Hlob, Kev Hloov (Cosmic Evolution). Lawv yuav los tshuaj xyuas cov povthawj uas tau sau los uake uas txhawb nqa cov qauv uas muaj tseeb hauv lub ntiajtec. Cov tub ntxhais kawm kuj yuav tshuaj xyuas cov cai hauvpaus kev ntseeg ntawm cov vuag (waves), thiab peb ho siv cov vuag los rau hauv cov twj tshiab khaws ntaubntawv (information technology) licas, xws li ntim lossis khaws cia cov ntaubntawv thiab xa/hloov tawm. Cov tub ntxhais kawm yuav ua haujlwm nyob rau cov haujlwm loj uas qhov no yuav qhia pom txog cov menyuum kawmntawv txoj kev kawm txawj ntawm txoj kev kawm, ua tau txhua zaus txoj kev sim ntawm cov kev sojntsuam tshawb nrhiav, thiab koom rau hauv engineering cov kev xyaum.

## Physics of the Universe Honors

**421004** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Phy. Sci **UC/CSU a-g:** D: Lab Science

**Kev Kawm Ua Ntej:** Integrated Math 1

**Kev Kawm Uake Nrog:** Integrated Math 2

**Piav txog Kev Kawm:** Txoj kev kawm Physics of the Universe Honors yog ib txoj kev kawm npaj rau tsevkawm txheejsiab uas nyuaj thiab qhia tob tshaj ntxiv raws li chavsim uas tsim tseg muaj txoj kev paub totaub tob thiab zoo ntawm cov cai hauvpaus uas tswj kav lub qabntujkhwb. Txoj kev kawm ntawm no coj los faib ua ntau kem qhia kom muaj kev totaub zoo hauv txhua kem kawm uas tsom rau lub hauvpaus ntawm cov ntsiab lus qhia txog lub zog thiab kev txav, Newton cov cai, lub zog nqus txhua yam uas muaj qhov hnyav, hluavtawsxob nyob ib qho chaw twjywm thiab lwm cov zog, lub nruagzog txoj kev hloov thiab cov txheejtxheem khiav haujlwm ua/tsim lub nruagzog uas siv los ntawm ib yam dabtsi uas tsis txawj tag thiab ntawm lub nruag zog ntawm nuclear thiab lub ntiajtec earth keebkwm, cov vuag (waves) thiab cov hluavtawsxob sib nqus sib thawb thiab cov chaw hlua nplaum ua haujlwm uake, thiab cov hnuqbub thiab qhov chivkeeb ntawm lub qabntujkhwb. Tau cia siab tseg rau theem Honors cov tub ntxhais kawm hais tias lawv yuav uas ob qhov huvtibi ntawm txoj kev siv cov zauv equations uas yog cov tsimnyog thiab piav tagnrho txhua yam hais lawv txhais licas. Txhua lub nrab-xyoo (semester) ntawm txoj kev kawm, nws xaum nrog ib txoj haujlwm loj uas muab txhua yam kev kawm tas los, tso uake uas cov menyuum yuav tau ua uas qhov ntawm no thiaj li qhia pom txog hais tias cov tub ntxhais kawm muaj txoj kev totaub nplaum licas ntawm physics cov tswvyim thiab cov kev xyaum npaj thiab nqes tes ua ntawm lawv tus kheej cov kev sojntsuam tshawb nrhiav. Txoj kev kawm Physics of the Universe AB Honors cuag tau lub Koog Tsevkawm txoj cai Kev Kawm Ntawv Tiav rau qhov chaw kev kawm physical science.

## The Living Earth

**411001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Life Sci **UC/CSU a-g:** D: Lab Sci

**Piav txog Kev Kawm:** The Living Earth yog ib txoj kev kawm npaj rau tsevkawm txheejsiab, yog ib chavkawm science chavsim. Hauv txoj kev kawm ntawm no, cov tub ntxhais kawm yuav kawm paub tob tshaj no ntxiv ntawm lawv txoj kev totaub txog cov hauvpaus tswvyim ntawm kev kawm yam muaj sia thiab los kawm txog yam dhau los ntawm nyob rau lub caijnyoog tam sim no ntawm lub ntiajtec Earth cov system cuam tshuam hloov licas rau cov tsiajtxhu muaj sia. Txoj kev kawm muaj rau koog loj qhia txog: Cov Ecosystems, Keebkwm ntawm lub ntiajtec Earth, Kev Hloov (Evolution), Yam uas ceev tau tseg ib tiam dhau ib tiam (Inheritance), Tus Txheejtxheem Kev Ua Haujlwm thiab Kev Loj Hlob (Structure Function and Growth), thiab Txoj kev tswj tau qhov tiajtus haumxeeb ntawm lub Ecosystem thiab lub ntiajtec cov huabcuia hloov (Climate Change). Txoj kev kawm paub pom txog yog tsav los ntawm chavsim cov kev ua haujlwm, kev xyaum uas yog ib feem kawm uake ntawm tus txheejtxheem qhia ntawv.

*Cov Kev Piav Txog Kev Kawm – Languages Other Than English*

## Languages Other Than English (LOTE)

(Lwm Hom Lus Dua li Ntawm Lus Askiv)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
AP French	811003						X	
AP Spanish Language	833001		X	X	X		X	
AP Spanish Literature	843001			X			X	
French 1	811003						X	
French 2	821003						X	
French 3	831003						X	
Hmong 1 NS	811004			X			X	
Hmong 2 NS	821004			X			X	
Hmong 3 NS	831004			X			X	
Spanish 1	811001	X	X	X	X	X	X	X
Spanish 2	821001	X	X	X	X	X	X	X
Spanish 3	831001	X	X	X	X		X	
Spanish 4	841001			X			X	
Spanish 1 NS	811002		X	X			X	
Spanish 2 NS	821002		X	X			X	

# Cov Kev Piav Txog Kev Kawm – Languages Other Than English

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## AP French

**811003** (RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language

**UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** French 3

**Piav txog Kev Kawm:** Txoj kev kawm AP French Language and Culture qhia ntau tshaj txog kev sibtxuas lus (Kev totaub thiab lwm tus totaub) los ntawm txoj kev txawj sibtham lus nrog lwm tug, txawj nyem lwm tus cov lus txhais licas, thiab txawj nthuav qhia tawm tau zoo hauv kev ua neej cov zwjceeb. Qhov ntawm no muaj cov lo lus siv, kev tswj cov hom lus, cov tswvyim kev sibtham, thiab kev paub txog kab li kev cai, coj noj coj ua. Txoj kev kawm AP French Language and Culture yog tsom los qhia kom txawj sau ntawv txaus los sibtxuas lus tau zoo es tsis txhob plam qho ntsiab lus hais qhia. Yuav kom los cobqhia tau zoo rau txoj kev kawm lus thiab txoj kab li kev cai, kev coj noj coj ua, txoj kev kawm ntawm no yog qhia tagrho nyob lus Fabkis.

## AP Spanish Language

**833001** (FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language

**UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Spanish 3 or Spanish NS 2

**Piav txog Kev Kawm:** Txoj kev kawm AP Spanish Language and Culture qhia ntau tshaj rau txoj kev sibtxuas lus. Qhov ntawm no muaj muaj cov lo lus siv, kev tswj hom lus, cov tswvyim kev sibtham, thiab txawj nthuav qhia tawm tau zoo hauv kev ua neej cov zwjceeb. Txoj kev kawm AP Spanish Language and Culture yog tsom los qhia kom txawj sau ntawv txaus los sibtxuas lus tau zoo es tsis txhob plam qho ntsiab lus hais qhia. Yuav kom los cobqhia tau zoo rau txoj kev kawm lus thiab txoj kab li kev cai, kev coj noj coj ua, txoj kev kawm ntawm no yog qhia tagrho nyob lus. Txoj kev kawm txhim kho cov tub ntxhais kawm txoj kev paub txog thiab kev txuas siab nyiam txog kab li kev cai cov khoom (pivtxwv li, cov twj, cov phauntawv, suabpajnruag, cov cai lijchoj, cov koobtsheej loj, cov pabpawg tuamtxhab); cov kev xyaum (cov qauv yamntxwv ntawm cov kev sibtham hauv kev ua neej nyob hauv ib hom kab li kev cai); thiab cov kev kis ntsia los mus pom txog (yam muaj nqi, cov yamntxwv, thiab cov kev kwvye lam twv tseg).

## AP Spanish Literature

**843001** (GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm AP Spanish Literature and Culture siv ib qho kev qhia uas tsom raws ib qho ntsiab lus uas pib qhia rau cov tub ntxhais kawm txog cov ntawv sawvcev uas txhais tau licas, muaj ntsiab lus licas (cov dabneeg luv, cov dabneeg ntev, cov pajhuam, thiab cov ntawv sau essays) ntawm sab tebchaws Peninsular Spanish, Latin American, thiab United States haivneeg Mev Hispanic cov ntaubntawv nyeem. Cov tub ntxhais kawm tsim cov kev txawj tsimnyog thoob plaws txhua ntu kev sibtxuas lus cov hom kev siv (sibtham lus nrog lwm tus, nthuav qhia tawm, thiab txhais hais tias yog licas), yog li ntawd thiaj li yuav tswj tau lawv cov kev txawj nyeem ntawv tau zoo thiab cov kev txawj sau ntawv tshuaj xyuas tau zoo. Cov ntaubntawv nyeem yuav coj los tshuaj xyuas nrog cov kev tshwmsim nyob lub caijnyoog thiab qhov chaw uas thaum sau, uas cov tub ntxhais kawm yuav los thim xav txog ntau tus tibneeg cov lus thiab cov kab li kev cai uas qhia nyob rau hauv cov ntawv uas tseev kom nyeem. Txoj kev kawm kuj muaj ib qho kev tsom tseemceeb heev rau ntawm kab li kev cai cov kev sib txheebze thiab yam uas sibtxawv, nrog rau xws li txoj kev tshawbnrhiav kawm txog ntau hom kev qhia tawm media (pivtxwv li, duab, yeebyajkiab, cov ntawv sau, cov ntawv sau qhia lossis thuum qhov tsis yog, tsis zoo).

## French 1

**811003** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Cov tub ntxhais kawm yuav totaub, paub hais lus, nyeem thiab sau lus Fabkis. Lus Fabkis yuav siv los rau chavkawm tus qauv qhia ntawv txhua hnuv. Cov kev qhiantawv yog tsom rau qhov hauvpaus ntawm cov kev tshwmsim uas swm nrog xws li: kev sib ntsib nrog tibneeg, cov phoojywg, tsevkawm, tsevneeg, lwm yam zoo sib xws. Ib qho kev kawm txog ntau yam ua muaj hauv Fabkis kab li kev cai.

## French 2

**821003** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** French 1

**Piav txog Kev Kawm:** Cob tub ntxhais kawm yuav txhim kho kom zoo tshaj ntxiv ntawm lawv txoj kev sibtxuas lus los ntawm cov kev sibtham lus, cov kev nthuav tawm uas siv ncaujlus thiab pabpawg cov kev ua haujlwm. French II yog qhia nyob lus Fabkis. Ib nqe tseemceeb yog tsom rau ntawm txoj kev totaub, qhia/hais tawm, nyeem ntawv, thiab sau ntawv ntau tshaj qub. Ib qho kawm toj mus ntxiv txog Fabkis kab li kev cai.

# Cov Kev Piav Txog Kev Kawm – Languages Other Than English

## French 3

**831003** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** French 2

**Piav txog Kev Kawm:** Lub homphiaj ntawm txoj kev kawm yog los tham lus Fabkis tau zoo. Yuav muaj txhim kho cov kev txawj sibtham lus ntxiv. Cov tub ntxhais kawm yuav ua cov haujlwm loj nyob lawv tus kheej thiab hauv ib pawg. Ib nqe tseemceeb heev yog tsoom rau ntawm keebkwm, kab li kev cai, thiab cov ntawv nyeem ntawm hom lus.

## Hmong 1 Native Speaker

**811004** (GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Hmong 1 NS yog tsim los rau cov tub ntxhais kawm uas lawv thawj hom lus yog Hmoob. Cov txheejtxheem kev sau cov lo lus thiab txoj sau ntawv yuav coj los qhia raws li ib qho ntsiab lus hauv txhua koog kev qhia nrog rau ib nqe tseemceeb rau ntawm ncauj lus, mloog lus nyeem ntawv, thiab sau ntawv cov kev qhia/ hais tawm. Cov menyuam kawmntawv yuav tsim muaj ib qho kev txaus siab nyiam txog Hmoob kab li kev cai thiab nws txoj kev cuam tshuam hloov thoob plaws lub ntiajtec licas.

## Hmong 2 Native Speaker

**821004** (GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Hmong 1 NS

**Piav txog Kev Kawm:** Hmong 2 yog qhov xub pib qhia txog ntawm hom lus. Cov txheejtxheem kev sau cov lo lus thiab txoj sau ntawv yuav coj los qhia raws li ib qho ntsiab lus hauv txhua koog kev qhia nrog rau ib nqe tseemceeb rau ntawm ncauj lus, mloog lus nyeem ntawv, thiab sau ntawv cov kev qhia/ hais tawm. Cov menyuam kawmntawv yuav tsim muaj ib qho kev txaus siab nyiam txog Hmoob kab li kev cai thiab nws txoj kev cuam tshuam hloov thoob plaws lub ntiajtec licas.

## Hmong 3 Native Speaker

**831004** (GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Hmong 2 NS

**Piav txog Kev Kawm:** Chavkawm ntawm no yuav nthuav ntxiv cov ntsiab lus kawm nyob hauv Hmong 3 for Native Speakers. Nws yuav tsoom toj mus ntxiv ntawm cov yam tseemceeb uas ncainraim rau ib qho twg ntawm cov tub ntxhais kawm hais lus Hmoob xws li hais lus meej, tus txheejtxheem sau ib tug tsiaj ntawv zuj zus, txoj kev sau kablus ntawv yog, cov ntawv nyeem, cov kab li kev cai, thiab cov ib cheebtsam chaw nyob ntawm haivneeg Hmoob uas nyob thoob lub ntiajtec.

## Spanish 1

**811001** (CCAA, FHS, HHS, GUHS, PHS, RLHS, VNHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm tsoom rau txoj kev sib txuas lus nyob lus Mev los ntawm hais lus, nyeem ntawv, sau ntawv, thiab totaub sau ntawv thiab hais us nyob lus Mev. Cov tub ntxhais kawm yuav kawm txog cov tebchaws thiab lawv cov kab li kev cai uas hais lus Mev thiab yuav coj los sibpiv thiab saib txog yam sib txheeb licas rau lawv tus kheej hom lus. Txoj kev kawm yuav qhia nyob feem ntau nyob lus Mev. Cov homework yuav muaj txhua hnuv. Cov qhabnee credits kuj siv tau rau lub tsevkawm Creative Connections Arts Academy Charter High School qhov chaw kev kawm txog Ntiajtec Lus rau kev kawmntawv tiav txoj cai thiab rau UC thiab CSU cov nqe lus txoj cai qhov txais kawm ntawm qhov chaw kev kawm lwm hom lus dua li ntawm lus Askiv.

## Spanish 1 Native Speaker

**811002** (FHS, GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm yog tsim los rau cov tub ntxhais kawm uas lawv hais lus thiab mloog lus yog lus Mev nram tsev; lawv kuj tsim tau lus thiab totaub ncauj lus thiab sau ntawv cov kev qhiantawv nyob lus Mev. Yuav qhia cov menyuam kawmntawv cov kev txawj nyeem thiab sau ntawv. Chavkawm yuav tsoom rau cov yam tseemceeb uas ncainraim rau ib qho twg ntawm cov tub ntxhais kawm hais lus Mev xws li hais lus meej, tus txheejtxheem sau ib tug tsiaj ntawv zuj zus, txoj kev sau kablus ntawv yog, cov ntawv nyeem, cov kab li kev cai, thiab thajchaw nyob ntawm cov tebchaws muaj neeg hais lus Mev.

## Spanish 2

**821001** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Spanish 1

**Piav txog Kev Kawm:** Tau tsim los rau cov tub ntxhais kawm uas muaj kev npaj mus rau tsevkawm txheejtsiab. Qhov loj tseemceeb ntawm cov kev kawm ntawm no yog txhim kho toj mus ntxiv tus kheej cov kev txawj sibtxuas lus nyob hom lus tab tom kawm. Cov tub ntxhais kawm yuav ntau cov cibfim ntxiv los pab lawv cov peevxwm kev txawj siab tshaj ntxiv hauv cov chaw ntawm: hais lus, mloog lus, kev totaub, nyeem thiab sau ntawv. Tus txheejtxheem qhia ntawv muaj xws li: ib nqe lus tseemceeb qhia toj mus ntxiv rau txoj kev hais lus ntawm hom lus kawm, txoj kev kawm ua nthuav ntxiv ntsiab lus cov lo lus siv, qhia/hais tawm cov lo lus ua dhau los, cov haujlwm sau cov ntawv luv, thiab nyeem cov ntawv sau uas yog cov tseem qauv. Cov menyuam kawm lawv cov kev totaub txog txawv haivneeg kab li kev cai yuav paub ntau tshaj ntxiv.

# Cov Kev Piav Txog Kev Kawm – Visual and Performing Arts

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## Spanish 2 Native Speaker

**821002** (FHS, GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Spanish 1 NS lossis Xibfwb Tso Pom Zoo

**Piav txog Kev Kawm:** Tau tsim los rau cov tub ntxhais kawm uas muaj kev npaj mus rau tsevkawm txheejsiab. Qhov loj tseemceeb ntawm cov kev kawm ntawm no yog txhim kho toj mus ntxiv tus kheej cov kev txawj sibtxuas lus nyob hom lus tab tom kawm. Cov tub ntxhais kawm yuav ntau cov cibfim ntxiv los pab lawv cov peevxwm kev txawj siab tshaj ntxiv hauv cov chaw ntawm: hais lus, mloog lus, kev totaub, nyeem thiab sau ntawv. Tus txheejtxheem qhia ntawv muaj xws li: ib nqe lus tseemceeb qhia toj mus ntxiv rau txoj kev hais lus ntawm hom lus kawm, txoj kev kawm ua nthuav ntxiv ntsiab lus cov lo lus siv, qhia/hais tawm cov lo lus ua dhau los, cov haujlwm sau cov ntawv luv, thiab nyeem cov ntawv sau uas yog cov tseem qauv. Cov menyuum kawm lawv cov kev totaub txog txawv haivneeg kab li kev cai yuav paub ntau tshaj ntxiv.

## Spanish 3

**831001** (FHS, GUHS, HHS, RLHS, CCAA)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Spanish 2

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no nthuav ntxiv cov ntaubntawv kev qhia ntawm Spanish 2. Cov tub ntxhais kawm yuav kawm los tsim thiab siv cov lo lus ua (verbs) nyob rau yav tag los, nyob rau yav tas los uas ua tsis tiav, lub caij ntawm no, ntawm kev xav lossis ntshaw, nyob yav tom ntej, qhov uas tejzaum yuav tshwmsim, uas tab tom, thiab qhia qhov twb tau ua dhau los lawm; nyeem ntawv, txhais lus, thiab qhia pom muaj kev totaub txog cov ntawv nyeem, thiab siv cov lus zoo li gustar, sabar, thiab conocer; kawm txog thiab txaus siab nyiam txog txoj kab li kev cai thiab cov kev pab ntxiv ntawm cov neeg hais lus Mev nyob hauv lub ntiajteb, tus txheejtxheem ntawm hom lus Mev, cov kablus luv, cov kev qhia/hais tawm thiab kwvyees li 1,000 lo lus.

## Spanish 4

**841001** (GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo (10 credits)

**HS Grad Req:** Foreign Language UC/CSU: a-g E: LOTE

**Kev Kawm Ua Ntej:** Spanish 3

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no nthuav ntxiv cov ntaubntawv kev qhia ntawm Spanish 3. Cov tub ntxhais kawm yuav kawm los tsim thiab siv cov lo lus ua (verbs) nyob rau yav tag los, nyob rau yav tas los uas ua tsis tiav, lub caij ntawm no, ntawm kev xav lossis ntshaw, nyob yav tom ntej, qhov uas tejzaum yuav tshwmsim, uas tab tom, thiab qhia qhov twb tau ua dhau los lawm; nyeem ntawv, txhais lus, thiab qhia pom muaj kev totaub txog cov ntawv nyeem, thiab siv cov lus zoo li gustar, sabar, thiab conocer; kawm txog thiab txaus siab nyiam txog txoj kab li kev cai thiab cov kev pab ntxiv ntawm cov neeg hais lus Mev nyob hauv lub ntiajteb, tus txheejtxheem ntawm hom lus Mev, cov kablus luv, cov kev qhia/hais tawm thiab kwvyees li 1,000 lo lus.



## Cov Kev Piav Txog Kev Kawm – Visual and Performing Arts

### Visual and Performing Arts (VAPA)

(Kos Duab thiab Nthuav Cov Txuj Ci)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
3D Design	511010			X	X			X	
3D Design Advanced	521010			X	X				
AP Studio Art	513001		X		X			X	
Art Advanced	531001	X	X	X	X	X		X	X
Art Beginning	511001	X	X	X	X	X		X	X
Art Intermediate	521001	X	X	X	X			X	X
Band Beginning	511005	X	X	X	X			X	
Band Concert	521005	X	X	X	X			X	
Band Jazz	531005			X					
Band Symphonic	541005		X					X	
Ceramics Advanced	531002		X	X	X		X		
Ceramics Beginning	511002		X	X	X		X		
Ceramics Intermediate	521002		X	X	X		X		
Choir	511004	X	X	X	X			X	X
Choir Advanced	531004	X	X	X	X			X	
Dance 1	511009	X	X						
Dance 2	521009	X	X						
Drama Beginning	511003	X		X	X			X	
Drama Intermediate	521003	X		X	X			X	
Drama Advanced	531003	X		X	X		X	X	X
Guitar Advanced	521008	X	X		X		X	X	X
Guitar Beginning	511008	X	X		X		X	X	X
Guitar Intermediate	531008	X	X		X		X	X	X
Mariachi Ensemble	541010		X						
Non-Traditional Music Ensembles	541001		X		X			X	
Piano Advanced	531006	X	X					X	
Piano Beginning	511006	X	X					X	
Piano Intermediate	521006	X	X					X	
Vocal Jazz 1	515007							X	

*Cov Kev Piav Txog Kev Kawm – Visual and Performing Arts*

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Vocal Jazz 2	521007							X	
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# Cov Kev Piav Txog Kev Kawm – Visual and Performing Arts

## 3-Dimensional Design

**511010** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Lub chavkawm studio txoj kev qhia yuav tsum los rau txoj kev tsim thiab nthuav cov txuj ci txog 3-dimensional media, ob yam paub av nplaum: ceramics thiab sculpture (puab neeg thiab khoom). Cov menyuam kawmntawv yuav kawm toj ntxiv txog lawv cov kev txawj thiab cov hau kev paub khoom nyob rau lub sijhawm thaum lawv tseem tab tom tsim lawv hom kev txawj ntse muaj lajlilim tswvyim rau hauv cov kev tsim duab (media arts). Cov menyuam kawmntawv yuav kawm kom paub tob zog txog haivneeg ua neeg, kab lis kev cai, thiab keebkwm txoj kev paub txog ntawm cov txuj ci tsim duab los ntawm kev tshuaj ntsuam, txhiaj txhais thiab muab txoj kev paub txog thiab kev paub los ntawm yus tus kheej los ua cov duab uas zoo nkauj. Cov huajlw m loj hauv chavkawm feem ntau yuav kom cov menyuam kawmntawv paub tab thiab ua huajlw m nyob ib leeg thiab cov huajlw m ntawd yuav tsum ua kom tiav rau hauv phauntawv portfolio uas muaj lawv cov duab.

## 3D Design Advanced

**521010** (GUHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** 3D Design

**Piav txog Kev Kawm:** Txoj kev kawm theem nruabnrab no yog tau tsim los rau cov menyuam kawmntawv uas ntshaw kawm toj ntxiv ntawm lawv txoj kev kawm kos duab (visual arts) rau qib txheesjab tshaj plaws thiab txuas ntxiv rau 3D Design 1 course. Lub chavkawm txoj kev tsum qhia yuav toj txuas ntxiv txog 3-dimensional media, pom zoo cov menyuam kawmntawv los tshawb nrhiav txog lawv txoj kev txawj thiab txuj ci kos duab ntxiv thaum lawv tseem tab tom tsim lawv hom kev txawj kos duab. Cov menyuam kawmntawv yuav kawm kom paub tob zog txog haivneeg ua neeg, kab lis kev cai, thiab keebkwm txoj kev paub txog ntawm cov txuj ci tsim duab. Cov huajlw m loj hauv chavkawm feem ntau yuav kom cov menyuam kawmntawv paub tab thiab ua huajlw m nyob ib leeg thiab cov huajlw m ntawd yuav tsum ua kom tiav rau hauv phauntawv portfolio uas muaj lawv cov duab. uas tej zaum yuav raug sib nyob rau AP Stdio Art lossis postsecondary admission.

## AP Studio Art

**513001** (HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Advanced Art

**Piav txog Kev Kawm:** Txoj kev kawm txheesjab ntawm no yog los rau cov menyuam kawm ntawv uas muaj siab heev rau txoj kev xyaum ntawm kev kos duab thiab kho 2D Design 2 thiab/los sis Digital Design 2 course. Lub chav no yuav raws phau ntawv College Board's AP Studio Art los ntsuam xyuas kev nthuav tawm ntawm kev kos duab (visual arts). Lub chav no yuav hais txog peb qhov kev txhwj xeeb rau kev kos duab:

(1) menyuam kawm ntawv lub peev xwm los paub txog nws txoj kev kos duab; (2) menyuam kawm ntawv txoj kev xav los ceev cia kev tshawbfawb rau ib yam kev kos duab los yog teeb meem; (3) ntau txoj hauv kev rau formal, technical, thiab kev paub qhia txog ntawm kev kos duab. Menyuam kawm ntawv muaj cai xaiv seb lawv puas xa lawv phau ntawv kos duab rau College Board kuaj ntsuam raws li AP Studio Portfolio hauv Drawing los yog 2D Drawing thiab tau qhabnee credit nyob rau hauv tsev kawm txheej siab los yog advanced placement.

## Art Beginning

**511001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Lub sij hawm thaum kawm lub hauvpaus ntawm chav Visual Arts, cov menyuam kawm ntawv yuav tau tsim tawm lawv cov kev kos duab thiab critical thinking skills uas yog los ntawm lub tswvyim thiab txoj hauv kev kos duab. Raws li National Core Arts Standards thiab CA Frameworks for the Visual thiab Performing Arts, cov menyuam kawm ntawv yuav tau tsim tawm thiab qhia lawv cov duab uas lawv siv 2-dimentional thiab 3-dimentional media uas yog ob yam no, traditional thiab emerging. Cov menyuam kawm ntawv yuav tau saib cov duab uas kos los ntawm lwm tus neeg thiab yuav tau muab txhais lub ntsiab lus thiab dlhos tswv yim nyob rau zej zog, cab lig kev cai, thiab cov xwm txheej los ntawm keeb kwm. Raws li lawv txoj kev kawm, cov menyuam kawm ntawv yuav tsum tau tsim ib phau portfolio thiab ib phau ntawv kos duab. Chav no yog chav kawm ua ntej txhua txhua chav uas yog los kos duab.

## Art Intermediate

**521001** (All Schools)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Art Beg 9-12

**Piav txog Kev Kawm:** Chav no tsim tawm los rau cov menyuam kawm ntawv uas xav txuas ntxiv txoj lawv kev kawm txog ntawm kev kos duab uas nthuav txhij txhua thiab txuas ntxiv rau txoj kev kawm Beginning Art. Chav no yuav qhia txog kev tsim tawm thiab nthuav tawm kev kos duab nrog rau 2-dimensional media uas yog ob yam no, traditional thiab emerging. Cov menyuam kawm ntawv yuav nrhiav ntxiv txog lawv txoj kev txawj thiab kev paub txog duab lub sij hawm thaum lawv tseem tab tom tsim lawv txoj kev kos duab. Cov menyuam kawm ntawv yuav kawm tob zog txog zej zog, kav lig kev cai, thiab keeb kwm ntawm kev kos duab los ntawm kev analyzing, txhais lus thiab muab txoj kev paub ntawv thiab kev paub los ntawm yus tus kheej los sib txuas thaum kos duab. Menyuam kawm ntawv yuav tsum tau kos duab ib leeg thiab muaj kev paub tab thiab yuav tsum kawm kom tiav nrog rau phau ntawv portfolio uas muaj lawv cov duab.

## Art Advanced

**531001** (Tagnrho Cov Tsevkawm)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Intermediate Art

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsim tawm los rau cov menyuam kawm ntawv uas xav txuas ntxiv txog lawv kev kawm ntawm kev kos duab uas nthuav txhij txhua thiab txuas ntxiv rau txoj kev kawm Art Foundation. Chav no yuav qhia txog kev tsim tawm thiab nthuav tawm kev kos duab nrog rau 2-dimensional media uas yog ob yam no, traditional thiab emerging. Cov menyuam kawm ntawv yuav nrhiav ntxiv txog lawv txoj kev txawj thiab kev paub txog duab lub sij hawm thaum lawv tseem tab tom tsim lawv txoj kev kos duab. Cov menyuam kawm ntawv yuav kawm tob zog txog zej zog, kav lig kev cai, thiab keeb kwm ntawm kev kos duab los ntawm kev tshuaj xyuas txog, txhais lus thiab muab txoj kev paub ntawv thiab kev paub los ntawm yus tus kheej los sib txuas thaum kos duab. Menyuam kawm ntawv yuav tsum tau kos duab ib leeg thiab muaj kev paub tab thiab yuav tsum kawm kom tiav nrog rau phau ntawv portfolio uas muaj lawv cov duab.

## Band Beginning 9 - 12

**511005** (CCAA, FHS, GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog chavkawm ua ntej rau Concert Band. Kev qhia pib ntaus suab paj nruag nyob rau yog ib feem thiab pib nyuaj npuam cas xws li .5-1.0. Qhov tseemceeb yog tsom rau los kawm txog kev nyeem nkauj, tsim suab, ib koog ntawv nkauj (phrasing), tswj ua pa, tsim suab kom meej, nyeem ntawv, cov hauvpaus tswvyim txoj cai ntawm suabpajruag, thiab koobtsheej txoj kev ua yeeb yam.

## Band Concert 9 -12

**521005** (CCAA, FHS, GUHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Beg Band lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog txoj kev txawj theem nruavnrab ntawm kev ntaus suabpaj nruag hauv ib pab thiab yuav tsum tau kev tso cai los ntawm tus xibfwb thiaj li nkag tau rau chavkawm. Txoj kev kawm ntawm no yog chavkawm ua ntej rau txoj kev kawm Symphonic Band. Txoj kev txawj nyeem qib 2-3 cov ntawv nkauj yuav coj los siv rau txoj kev kawm ntawm no. Qhov tseemceeb yog tsom rau ntawm txoj kev tsim lub suab yog, kawm toj mus ntxiv hauv txoj kev nyeem nkauj, tus/sib xyaw, kev tsim suab, tsim lus kom meej, thiab tsim cov kev txawj ntaus. Kev ua yeebyam hauv cov koobtsheej lomzem thiab lwm cov kev ua yeebyam rau pejxeem saib, ib co uas tseev kom koom mam thiaj li yuav kawm tiav hlo rau txoj kev kawm ntawm no.

## Band Jazz

**531005** (GUHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Teacher Approval

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog tsim tawm los cob cov menyuam kawmntawvntaus suab paj nruag uas yog Jazz. Lub hom phiaj ntawm chav no yog los tsim kom muaj txuj ci siab tshaj, kev ntaus suab paj nruag, thiab ntaus suab paj nruagj ua ib pab. Jazz band yog ib pab pawg uas ntaus suab paj nruag ua ke. Menyuam kawmntawv nyob ua ib pab pawg yuav tsum tau nthuav tawm kev ntaus suab paj nruag kom ntau. Qhov no muaj nyob rau tej qho chaw ua si, kawm suab paj nruag, thiab ncig tebchaws hu nkauj. Tseev kom tuaj txhua hnuv.

## Band Symphonic 9 - 12

**541005** (FHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Concert Band lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Txoj kev kawm symphonic band kawm txog cov ntawv suabpajruag ntawm ntau hom hauv theem qib txawj 2 – 4. Pabpawg suabpajruag koom rau hauv ntau cov chaw xws li thaum muaj kev sib tw kiskas, cov koobtsheej hu nkauj, ua yeebyam, cov koomtxoos taugkev ua yeebyam, lwm yam zoo sib xws thiab txoj kev tuaj mus koom rau tej yam zoo li no yog ib qho yuav tsum tau tuaj. Cov hauvpaus qhov tseemceeb ntawm txoj kev kawm yog tsim kom muaj txoj kev txawj ib yam li tus kws txawj suabpajruag kev txawj ntse totaub txog suabpajruag, thiab los txhim kho txoj kev txawj ntaus nkauj tsimnyog ntawm txhua tus menyuam kawm. Cov tub ntxhais kawm hauv pabpawg no yuav tsum tau ntaus suabpajruag ntau zaus hauv lub xyoo txoj kev kawm. Qhov no muaj xws li ntau cov koobtsheej lomzem suabpajruag rau tej qho chaw ua si, nyob rau chaw kaw nkauj, thiab cov kev ncig tebchaws hu nkauj. Tseev kom tuaj txhua hnuv.

## Ceramics Beginning

**511002** (HHS, FHS, GUHS, PHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ntawm no yog ib txoj kev kawm xub thawj uas tsim los qhia txog 3-dimensional design uas siv av nplaum los puab. Cov tub ntxhais kawm yuav kawm los siv cov twj thiab tswvyim kev ua uas tsimnyog los tsim kom tau ntau yam ntawm qhov pib xyaum ntsiab (basic pinch), kauv, siv tes ua kom nyias (slab), kho cov av nplaum ntawm lub kaujkiv (thrown), lossis puab. Txoj kev npaj cov av nplaum, kho thiab tsim, kev tsim, kho qhov saum toj, thiab txoj kev hlaws yuav yog cov kev kawm txog. Cov menyuam kawmntawv yuav totaub txog txoj kev sib txheebze ntawm qhov keebkwm ntawm cov kev tsim cov av nplaum zoo lcas thiab cov khoom coj los siv.

# Cov Kev Rau Txog Key Kawm Visual and Performing Arts Arts

## Ceramics Intermediate

**521002** (FHS, GUHS, HHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Ceramics Beginning

**Piav txog Kev Kawm:** Txoj kev kawm theem nrab ntawm no yog tsim rau cov tub ntxhais kawm uas xav kawm toj mus ntxiv ntawm lawv cov kev kawm txuj puab khoom thiab txhim kho toj mus txiv ntawm Beginning Ceramics. Chavkawm ntawm no yuav tsom los kawm txog puab av nplaum, uas cia cov menyuam kawmntawv txhim kho lawv cov kev txawj kom zoo tshaj ntxiv tuaj thiab txhim kho cov tswvyim puab khoom thaum uas lawv tab tom tsim ib hom kev txawj ntawm lawv tus kheej. Cov tub ntxhais kawm yuav kawm kom paub tob tshaj no ntxiv txog cov keebkwm thiab kab li kev cai ntawm cov txuj ci no. Chavkawm cov haujlwm loj yuav tseev kom cov menyuam kawmntawv ua nyob ib leeg ntau dua thiab nyob rau theem paubtab.

## Ceramics Advanced

**531002** (FHS, GUHS, HHS, PHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Intermediate Ceramics

**Piav txog Kev Kawm:** Txoj kev kawm txheesjab ntawm no yog tsim rau cov tub ntxhais kawm uas xav kawm toj mus ntxiv ntawm lawv cov kev kawm puab khoom nyob rau ib theem txeesjab zog thiab txhim kho toj mus ntxiv mus hauv txoj kawm Intermediate Ceramics. Chavkawm ntawm no yuav tsom los kawm txog puab av nplaum, uas cia cov menyuam kawmntawv txhim kho lawv cov kev txawj kom zoo tshaj ntxiv tuaj thiab txhim kho cov tswvyim puab khoom thaum uas lawv tab tom tsim ib hom kev txawj ntawm lawv tus kheej. Cov tub ntxhais kawm yuav kawm kom paub tob tshaj no ntxiv txog cov keebkwm thiab kab li kev cai ntawm cov txuj ci no. Chavkawm cov haujlwm loj yuav tseev kom cov menyuam kawmntawv ua nyob ib leeg ntau dua thiab nyob rau theem paubtab thiab yuav khaws tau ib phauntawv portfolio uas muaj cov duab ntawm lawv cov tswvyim zoo ntawm cov txuj ci puab av nplaum uas tejzaum kuj yuav coj los siv rau AP Studio Art lossis tomqab tsevkawm theem ob txoj kev txais kawm.

## Choir

**511004** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ntawm no yog theem pib kawm hu nkauj thiab qheb rau txhua tus uas nyiam los kawm hu nkauj. Txoj kev kawm ntawm no yuav tsum kawm ua ntej txoj kev kawm Advanced Choir. Nws muab kev kawm txog kev xyaum kho lub suab nkauj nyob theem pib kawm. Qhov tseemceeb yog tsom los kawm txog nyeem ntawv nkauj, tsim suab, tswj ua pa, ib koog ntawv luv, tsim lub suab hu nkauj, cov hauvpaus tswvyim txoj cai ntawm suabpajruag, thiab yam muaj nqe hauv kab li kev cai suabpajruag. Kev kawm txog nkauj yuav pib yoojyim mus rau nruabnrab yoojyim (theem qib 0.25 mus rau 1.5). Yuav los kawm txog ntau hom ntu caijnyoog. Koobtsheej cov kev ua yeebyam thiab tseev kom tuaj txhua hnub.

## Choir Advanced

**531004** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Choir lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Choir Advanced muab txoj kev kawm hauv txoj kev xyaum tsim lub suab hu nkauj nyob rau co theem kev txawj nruabnrab. Qhov tseemceeb yog tsom los kawm txog nyeem ntawv nkauj, tsim suab, tswj ua pa, ib koog ntawv luv, tsim lub suab hu nkauj, cov hauvpaus tswvyim txoj cai ntawm suabpajruag, thiab yam muaj nqe hauv kab li kev cai suabpajruag, thiab cov tub ntxhais kawm txoj kev txaus siab nyiam txog qhov zoo thiab yam muaj nqi ntawm nkauj. Kev kawm txog nkauj yuav pib yoojyim mus rau nruabnrab yoojyim (theem qib 1.0 mus rau 2.5). Yuav los kawm txog ntau hom ntu caijnyoog. Tseev kom cov tub ntxhais kawm los ua yeebyam rau tsevkawm cov koobtsheej hu nkauj thiab cov koobtsheej lomzem suabpajruag nyob lub xyoo ntawm txoj kev kawm no.

## Dance 1

**511009** (CCAA, FHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib qho kev pib kawm txog seevcev uas cov tub ntxhais kawm kawm txog cov hauvpaus tswvyim kev seevcev, txoj kev tsim cov kaujruam seevcev thiab thaum nthuav tawm cov kev txawj. Cov menyuam kawm yuav muaj kev kawm paub ntau tshaj ntxiv ntawm hom kev seevcev xws li ballet, jazz, tiam tam sim no thiab nws kab li kev cai cov hom seevcev licas. Kawm txog txoj kev seevcev muaj xws li kev seevcev li keebkwm, cov tswvyim lub cev txav, thiab cov lo lus siv rau txoj kev seevcev. Cov tub ntxhais kawm muaj ntau cov cibfim los ua yeebyam seevcev rau hauv chavkawm thiab rau saum samthiaj, kom muaj kev paub kev pom ua dhau los rau saum samthiaj ua yeebyam thiab kev seevcev cov kev cai paubtab.

## Dance 2

**521009** (CCAA, FHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Dance 1

**Piav txog Kev Kawm:** Ntawm no yog ib txoj kev kawm nyob theem txheesjab rau cov tub ntxhais kawm seevcev uas nyiam tiag tiag xwb uas lawv tejzaum xav muaj ib txoj haujlwm rau yav pem suab ntawm kev seevcev ua yeebyam. Cov tub ntxhais kawm yuav kawm ntau hom kev seevcev los ntawm tau tus xibfwb tsim cov kaujruam seevcev kom lawv thiaj li muaj kev ywjpheej nyob ntau hom kev seevcev. Cov menyuam kawmntawv ua rau pom hais tias lawv muaj ib qho kev txawj tsimnyog hauv kev seevcev thiab muaj qhov peevxwm los ua txoj haujlwm yog ib tug neeg ua yeebyam hauv ntau hom xws li cov hom seevcev thaum ub uas nto npe thiab cov hom seevcev rau tiam ntawm no.

## Drama Beginning

**511003** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 9-10 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm no yog tsim los pab cov tub ntxhais kawm uas xub pib kawm kom muaj ib qho txawj tsimnyog rau saum samthiaj kev ua yeebyam, ib qho kev txaus siab nyiam txog thiab muaj peevxwm los mus ntsuam xyuas lub samthiaj thiab cov kev ua yeebyam, thiab ib txoj kev totaub txog keebkwm ntawm kev ua yeebyam drama, TV, thiab yeebyajkiab thiab lawv ho pom txog licas thiab muaj kev cuam tshuam raug tibneeg kab li kev cai thiab kev ua neej licas.

## Drama Intermediate

**521003** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Drama Beginning

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsim los pab kawm toj ntxiv ntawm cov tub ntxhais kawm ib qho txawj tsimnyog rau saum samthiaj kev ua yeebyam, ib qho kev txaus siab nyiam thiab muaj peevxwm los mus ntsuam xyuas lub samthiaj thiab cov kev ua yeebyam, thiab ib txoj kev totaub txog keebkwm ntawm kev ua yeebyam drama, TV, thiab yeebyajkiab thiab lawv ho pom txog licas thiab muaj kev cuam tshuam raug tibneeg kab li kev cai thiab kev ua neej licas.

## Drama Advanced

**531003** (FHS, RLHS, GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Drama Beginning, Drama Intermediate

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsim los pab cov tub ntxhais kawm nyob theem txawj txheesjab los tsim txoj kev txawj tsimnyog rau saum samthiaj kev ua yeebyam ib qho kev txaus siab nyiam thiab muaj peevxwm los mus ntsuam xyuas lub samthiaj thiab cov kev ua yeebyam, thiab ib txoj kev totaub txog keebkwm ntawm kev ua yeebyam drama, TV, thiab yeebyajkiab thiab lawv ho pom txog licas thiab muaj kev cuam tshuam raug tibneeg kab li kev cai thiab kev ua neej licas.

## Guitar Beginning

**511008** (Tagrho Cov Tsvevkawm)

**Qib:** 7-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ntawm no yog ib txoj kev kawm xaiv uas muab los qhia thaum xub pib txog ntaus kistaj, acoustic guitar. Cov tub ntxhais kawm yuav kawm txog nyeem ntawv nkauj licas, lub hauvpaus ntawm suabpajruag, kibtaj cov chaw pos, hu cov suab nkauj yoojyim thaum ntaus nkauj nrog, cov ntivtes pos uas qheb, cov ntivtes pos tus tsiaj ntawv cag thiab txoj hlua thib tsib (power chords), cov ntivtes pos uas txav nyob ntu twg los tau ntawm cov kem hlau (moveable chords), cov tswvyim ua nrog uake (accompaniment techniques) thiab ntau tsav ntau yam txog kev txuj ci ntawm cov ntivtes uas ntaus kib taj. Txoj kev kawm ntawm no kuj muaj ntaus nkauj hauv chavkawm (ib leej los yog ib pab me) thiab ob daim ntawv tshawb fawb txog nkauj (ib daim rau txhua ib nrab xyoo). Cov menyuam kawmntawv yuav tsum muaj lawv tus kheej lub kistaj acoustic guitar.

## Guitar Advanced

**521008** (Tagrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Guitar Beg lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Ntawm no yog ib txoj kev kawm xaiv uas qhia ntxiv los kawm txog ntaus kistaj, acoustic guitar. Cov tub ntxhais kawm yuav kawm txog nyeem ntawv nkauj licas, cov hauvpaus ntawm suabpajruag, kistaj cov chaw pos, hu cov suab nkauj yoojyim thaum uas ntaus nkuaj nrog, cov ntivtes pos uas qheb, cov ntivtes pos tus tsiaj ntawv cag thiab txoj hlua thib tsib (power chords), cov ntivtes pos uas txav nyob ntu twg los tau ntawm cov kem hlau (moveable chords), cov tswvyim ua nrog uake thiab ntau tsav ntau yam txog kev txuj ci ntawm cov ntivtes uas ntaus kistaj. Txoj kev kawm ntawm no kuj muaj ntaus nkauj hauv chavkawm (ib leej los yog ib pab me) thiab ob daim ntawv tshawb fawb txog nkauj (ib daim rau txhua ib nrab xyoo). Cov menyuam kawmntawv yuav tsum muaj lawv tus kheej lub kistaj acoustic guitar.

## Guitar Intermediate

**521008** (Tagrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Guitar Beginning lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Ntawm no yog ib txoj kev kawm xaiv uas qhia ntxiv los kawm txog ntaus kistaj, acoustic guitar. Cov tub ntxhais kawm yuav kawm txog nyeem ntawv nkauj cov hauvpaus kistaj cov chaw pos, hu cov suab nkauj yoojyim thaum uas ntaus nkuaj nrog, cov ntivtes pos uas qheb, cov ntivtes pos tus tsiaj ntawv cag thiab txoj hlua thib tsib (power chords), cov ntivtes pos uas txav nyob ntu twg los tau ntawm cov kem hlau (moveable chords), cov tswvyim ua nrog uake thiab ntau tsav ntau yam txog kev txuj ci ntawm cov ntivtes uas ntaus kistaj. Txoj kev kawm ntawm no kuj muaj ntaus nkauj hauv chavkawm (ib leej los yog ib pab me) thiab ob daim ntawv tshawb fawb (ib daim rau txhua ib nrab xyoo). Cov menyuam kawmntawv yuav tsum muaj lawv tus kheej lub kistaj acoustic guitar.

## Mariachi Ensembles

## *Cov Kev Piav Txog Kev Kawm – Visual and Performing Arts*

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541010 (FHS)

Qib: 9-12 Duration: Xyoo

HS Grad Req: Fine Art UC/CSU a-g: F: Fine Art

Yam yuavtsum tau kawm uantej: Tsis muaj

Course Description: Qhov no yog ib qho kev qhia pib tsim los pab cov tub ntxhais kawm txhim kho thiab txhim kho kev txawj ntaus suab paj nruag los ntawm kev kawm txog suab paj nruag uas tau hais qhia rau Mariachi Ensembles. Muaj peev xwm kawm tau ib qho cuab yeej (Violin, Trumpet, Guitar, Vihuela, Guitaron) thiab hu nkauj nrog kev paub zoo thiab kev zoo nkauj. Cov tub ntxhais kawm yuav ntsib ntau yam ntawm "Mexico lub suab paj nruag" uas yuav suav nrog Bolero, Ranchera, Huapango, thiab



# Cov Kev Piav Txog Kev Kawm – Visual and Performing Arts

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## Non-Traditional Music Ensembles

(Tagnrho Cov Tsevkawm)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Hauv Non-Traditional Music Ensembles, cov tub ntxhais kawm nyob ntawm cov phiajxwm kev qhia ntaus kistaj, nyob hauv pawg suabpaj nruag (band and choir), thiab cov tub ntxhais kawm uas tau tuaj rau npe sim (audition) seb puas tau kawm rau hauv chav ntawm no, kuj yuav kawm txog txoj kev xyaum nthuav txuj ci tawm nyob ib pawg me uas ntaus cov suabpajruag nyob rau lub ntiajteb tiam tam sim no cov kev nyiam mloog ntau zuj zus. Cov tub ntxhais kawm nkauj, suabpajruag, yuav los nthuav ntiv lawv cov kev paub thiab tswvyim uas yog los koom ua ib feem ntawm ib pawg me zog, smaller ensembles. Txoj kev kawm ntawm no yog tsim los muab kev kawm toj mus ntiv thiab cov kev ntaus suabpajruag uas nyuaj zog thiab tawm tsam kev txawj rau cov tub ntxhais kawm nkauj tshiab thiab cov uas yeej ibtxwm muaj kev txawj lawm. Cov tub ntxhais kawm yuav kawm txog yuav los siv lawv cov kev txawj thiab kev paub ntaus suabpajruag thiab/lossis qhua suab yav dhau los coj los nthuav nyob ib pawg ntawm cov suabpajruag mloog nyob lub caij ntawm no. Txoj kev kawm yuav qhia txog ib nqe tseemceeb uas yog tuaj mus nthuav txuj rau neeg saib, muaj kev txawj txaus ntaus suabpajruag thaum twg los tau, sau nkauj, sau suabpajruag, hloov thiab kho, thiab tau los kho thiab siv cov twj kaw suabpajruag.

## Piano Beginning

**511006** (CCAA, FHS, RLHS)

**Qib:** 7-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog tsim los pab cov tub ntxhais kawm xub pib thawj zaug thiab cov nyob theem nruabnab kom lawv kawm muaj ib qho txawj tsimnyog hauv txoj kev siv ob txhaistes los ntaus piano suabpajruag pib ntawm yoojyim mus rau nyuaj. Qhov tseemceeb yuav yog tsom rau cov suab yog raws tus tsiaj ntawv, yog ntawm cov qauv suab, yog ntawm qhov chaw tes thiab ntivtes, cov major chords, cov kev nrov loj nrov yau, thiab lwm cov tswvyim kev cai uas tsimnyog paub los ua tiav cov haujlwm.

## Piano Intermediate

**521006** (CCAA, FHS, RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Beg Piano

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog tsim los pab cov tub ntxhais kawm xub pib thawj zaug thiab cov nyob theem nruabnab kom lawv kawm muaj ib qho txawj tsimnyog hauv txoj kev siv ob txhaistes los ntaus piano suabpajruag pib ntawm yoojyim mus rau nyuaj. Cov tub ntxhais kawm kuj yuav los kawm txog cov hauvpaus tswvyim kev cai ntawm suabpajruag uas tsimnyog paub los ua tiav lawv cov haujlwm.

## Piano Advanced

**521006** (CCAA, FHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Piano Beginning lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog sim los rau piano cov tub ntxhais kawm uas txawj tshaj theeb pib lawm. Cov menyuum kawmntawv yuav txhim kho cov hauvpaus kev txawj nyeem ntawv nkauj toj mus ntiv thiab txawj siv cov tswvyim kev cai los ntaus lub piano. Qhov tseemceeb yuav tsom los rau pos yog ntawm tus tsiaj ntawv, yog ntawm cov qauv suab, yog ntawm qhov chaw tes thiab ntivtes, cov major chords, cov kev nrov loj nrov yau, qhov kev qhia tawm cov kev xav, thiab lwm cov tswvyim kev cai uas tsimnyog paub los ua tiav cov haujlwm.

## Vocal Jazz 1

**515007** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ntawm no yog theem pib ntawm vocal jazz pabpawg. Txoj kev kawm ntawm no yog tsim los xyaum tug neeg seevsuab kom txawj tagnrho cov hom jazz cov suab nkauj. Cov homphiaj ntawm txoj kev kawm yog los tsim muaj qhov mus tau saib tshaj plaws ntawm txoj kev txawj, kev ua ib tug neeg txawj suabpajruag, thiab ib pabpawg hu nkauj tibtxhij uake li qhov ua tau. Cov hom suabpajruag muaj xws li Swing, Vocal Jazz, thiab Pop. Cov tub ntxhais kawm hauv pabpawg yuav tau los ua yeebyam ntau zaus nyob hauv lub xyoo ntawm txoj kev kawm. Qhov no muaj xws li ntau cov koobtsheej lomzem suabpajruag thiab cov kev ncig tebchaw hu nkauj. Tseev kom yuav tsum tuaj txhua hnuv.

## Vocal Jazz 2

**521007** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** Fine Art

**Kev Kawm Ua Ntej:** Vocal Jazz 1 lossis Xibfwb Pom Zoo

**Piav txog Kev Kawm:** Ntawm no yog pabpawg kawm vocal jazz uas keej tshaj. Txoj kev kawm ntawm no yog tsim los rau tug neeg seevsuab xyaum kom txawj tagnrho cov hom jazz cov suab nkauj. Cov homphiaj ntawm txoj kev kawm yog los tsim muaj qhov mus tau saib tshaj plaws ntawm txoj kev txawj, kev ua ib tug neeg txawj suabpajruag, thiab ib pabpawg hu nkauj tibtxhij uake li qhov ua tau. Cov hom suabpajruag muaj xws li txheej tiam Swing, Cool Bop, Hard Bop, Vocal Jazz, Pop, thiab tiam tshiab New Age Jazz. Cov tub ntxhais kawm hauv pabpawg no tseev kom lawv los ua yeebyam ntau zaus hauv lub xyoo ntawm txoj kev kawm. Qhov no muaj xws li ntau cov koobtsheej lomzem suabpajruag rau tej qho chaw ua si, nyob rau chaw kaw nkauj, thiab cov kev ncig tebchaws hu nkauj. Tseev kom yuav tsum tuaj txhua hnuv.

## Physical Education (Cev Ntajntsug Kev Kawm)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
P.E. Advanced	921003							X	
P.E. Course 1	911001	X	X	X	X	X	X	X	X
P.E. Course 2	921001	X	X	X	X	X	X	X	X
P.E. 3 Weight Training	921004		X	X	X			X	
P.E. 3 Yoga	921002			X					

# Cov Kev Piav Txog Kev Kawm – Physical Education

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## PE Advanced

**921003** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** P.E. **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Advanced Physical Education yog tsim los rau cov tub ntxhais kawm nyob theem Varsity kisas kom lawv tsim kho cov kev txawj ntxiv ntawm theem txoj kev sib tw. Txoj kev qhia yuav tsom rau ntawm kev txhim kho lub zog, kev txav, khiav ceev thiab yoojyim thiab kev nrawm nyob rau hauv ntau hom koomhaum kev siv tw tes taw. Cov neeg sib tw tes taw yuav kawv txog kev cov zaub mov zoo rau lub cev thiab cov tswvyim hau kev nqa kom muaj zog thiab kev ncab ib ce.

## PE Course 1

**911001** (Tagnrho Cov Tsevkawm)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** P.E. **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Physical Education 1 yog txoj kev kawm yuav tsum tau kawm rau tagnrho cov tub ntxhais kawm qib 9. Txoj kev kawm no yog tau tsim los muab rau cov menyuam kawmntawv lub cibfim los kawm Physical Education program lub koomhaum ib tug txheej txheem uas npaj muaj txhij txhua yam uake raws txhooj li muaj nyob hauv California Model Content Standards rau Physical Education. Cov menyuam kawmntawv muaj kev txhawb dejsiab kom lawv muaj siab los txiav txim lawv cov kev xaiv, ncav cuag cov kev tawm tsam/kev nyuaj thiab tsim muaj cov cwjpwmm zoo rau hauv kev saibxyuas lub cev zoo, kev noj qab nyob zoo, thiab cov kev ua uas siv lus cev txav mus ub mus no kom kav tas lub neej. Qhov kev qhia tseemceeb heev yog rau ntawm cov menyuam kawmntawv cov kev txawj tshuaj ntsuam rau ntawm lub cev ntajntsug txoj kev saibxyuas zoo uas muaj kuab. Cov koog kev qhia muaj xws li: kev xub pib qhia txog kev kawmntawv lub cev ntajntsug, kev saibxyuas lub cev (xam nrog xws li fitness technology), tus kheej cov kev ua thiab ob leeg cov kev ua, kev seevcev, thiab kev kawm ua luamdej. Tagnrho qib 9th cov menyuam kawmntawv yuav tsum tau los koom, los ua txoj kev xeem hu ua California State Mandated Physical Fitness Test(s).

## PE Course 2

**921001** (Tagnrho Cov Tsevkawm)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** P.E. **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** P.E. Course 1

**Piav txog Kev Kawm:** Txoj kev kawm no yog tau tsim los muab rau cov tub ntxhais kawm lub cibfim los kawm Physical Education program lub koomhaum ib tug txheej txheem uas npaj muaj txhij txhua yam uake raws txhooj li muaj nyob hauv California Model Content Standards rau Physical Education. Cov menyuam kawmntawv muaj kev txhawbsiab kom lawv muajsiab los txiav txim lawv cov kev xaiv, ncav cuag cov kev tawm tsam/kev nyuaj thiab tsim

muaj cov cwjpwmm zoo rau hauv kev saibxyuas lub cev zoo, kev noj qab nyob zoo, thiab cov kev ua uas siv lus cev txav mus ub mus no kom kav tas lub neej. Qhov kev qhia tseemceeb heev yog rau ntawm cov tub ntxhais kawm cov kev txawj tshuaj ntsuam rau ntawm lub cev ntajntsug txoj kev saibxyuas zoo uas muaj kuab. Cov koog kev qhia cuam tshuam nrog muab ib lub cibfim rau kev kawm tob uas nyob rau cov theem nyuaj dua rau hauv cov chaw xws li: kev kawmntawv cev ntajntsug thiab kev saibxyuas lub cev (xam nrog xws li fitness technology), pabpawg cov kev sib tw tes tw kisas, kev kawm sib ntaus/kev tiv thaiv tus kheej, thiab kev kawm dhia nrig nphau (gymnastics/tumbling).

## PE 3 Weight Training

**921004** (FHS, HHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** P.E. **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** P.E. Course 1

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog tsim los muab rau cov tub ntxhais kawm muaj lub cibfim los kawm txog kev xyaum nqa khoom kom muaj zog cov tswvyim thiab ntsiab lus kev kawm uas siv lus cuag tau lub cev ntajntsug zoo tshaj plaws. Cov menyuam kawm yuav tau txiajntsig zoo los ntawm txoj kev xyaum weight training thiab cov kev yooq ua pa thiab tsuj lub plawv tau zoo thiab ntev. Cov tub ntxhais kawm yuav kawm txog cov hauvpaus kev nqa khoom kom muaj zoo, kev xyaum cuab lub zog, kev xyaum ua tej yam li taugkev, khiav mus rau lwm yam, thiab tagnrho uake kev xyaum kom lub cev muaj zog thiab nyobzoo. Txoj kev kawm muaj xws li ob yam qhia ntawv thiab cov ntu xyaum ua. Cov menyuam kawmntawv yuav muaj siab los xaiv cov kev txiavtxim zoo, cuag tau cov kev tawmtsam, thiab tsim muaj cov cwjpwmm zoo rau lub cev kev nyobzoo thiab muaj zog, noj qab haus huv, thiab tsim cov kev ua uas siv lub cev txav mus los los rau ib lub neej nyob ntev loo.

## PE 3 Fundamentals of Yoga

**921002** (GUHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** P.E. **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** P.E. Course 1

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog tsim los pib qhia rau cov tub ntxhais kawm paub txog kev ua twb zoo thiab siv tau yoojyim ntawm cov hauvpaus pib lub cev tig thiab nyob, cov tswvyim ua pa, thiab cov tswvyim los so ntawm yoga. Cov tub ntxhais kawm yuav pib los kawm pom paub txog cov kev muaj txiajntsig ntawm kev ncab ib ce, txav, thiab ua pa yoojyim thaum uas npo pa ntev txaus, kawm txog los so, thiab thaum kawg kiag no yog mus taus ib hnuv-rau-ib hnuv hauv lub neej. Qhov tsom tseemceeb ntawm txoj kev kawm ntawm no yog los txhawb nqa txoj kev noj qab nyobzoo uas muaj sia muaj zog thiab los siv tau lub cev lub nruabzog uas zais zoo zoo cia.

## Cov Kev Piav Txog Kev Kawm – Career Tech Ed

### Career Technical Education (Kev Kawm Ua Haujlwm)

KEV KAWM	ZAUU	CCAA	FHS	GUHS	HHS	KHS	PHS	RLHS	VNHS
Adv Digital Media	731014	X	X		X				
Adv Multimedia Sound Production	731008			X					
Adv Theatre	531003			X					
Adv TV and Video Production	531703							X	
Ag Business	731001			X					
Ag Exploration	731033							X	
Ag Leadership	741024							X	
ARC 3-Dimensional Graphics & Design	773101				X				
ARC Intro to CADD	721015				X				
ARC Intro to Materials of Construction	712002				X				
Art and History of Floral Design	521702							X	
Beginning Ag Mechanics	721004							X	
Beginning Animation	521011		X						
Beg TV and Video Production	521703							X	
Biology and Sustainable Ag	411AG1							X	
Biomedical Science	711002		X						
Business and American Gov	714016			X					
Business Concepts	731037								X
Business Economics & Finance	731015			X					
Business Mathematics	741037								X
Business Tech & Finance	721010			X					
CA Natural Resources	741001			X					
Career Choices (S)	711025			X				X	X
Career Choices (Y)	731020	X	X	X	X				
Catering Production	741012		X					X	
Chemistry and Agriscience	421AG2							X	

*Cov Kev Piav Txog Kev Kawm – Career Tech Ed*

**Career Technical Education (Kev Kawm Haujlwm)**

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
Child Development	731005		X		X		X		
Computer Science Principles	731026			X					
Construction 1	721016		X						X
Construction 2	731016		X						X
Crim Just Academy 1	711022			X					
Culinary 1	721012		X					X	
Digital Media	521714	X	X	X	X			X	
Early Childhood Education	741006		X		X		X		
Electronics and Hydraulics	731031							X	
Env Horticulture	711001			X					
Exploring Computer Science	721026			X					
Floral Design	731002							X	
Farm to Fork Design	741007							X	
Game Design 1	521723				X				
Game Design 2	731023				X				
Health Sports Careers	711020			X					
Intermediate Ag Mechanics	731004							X	
Intermediate Animation	521012		X						
Landscape & Environmental Design	521701			X				X	
Law Enforcement 1	721022			X					
Law Enforcement 2	731022			X					
Law Enforcement 3	741022			X					
Marketing & Merchandising	721011							X	
Multimedia Sound Production	721008			X					
Science for Sustainable Ag	731036							X	
Small Bus Entrepreneurship	731001							X	

## Career Technical Education (Kev Kawm Haujlwm)

<b>KEV KAWM</b>	<b>ZAUV</b>	<b>CCAA</b>	<b>FHS</b>	<b>GUHS</b>	<b>HHS</b>	<b>KHS</b>	<b>PHS</b>	<b>RLHS</b>	<b>VNHS</b>
Sports Academy 2	731020			X					
Sports Academy 3	741020			X					
Sports Medicine 1	721020			X					
Sports Medicine 2	731024		X						
Sports Medicine/Kinesiology	721021		X						
Theatre Production	721003			X					
Work Exp Education, CTE	731027		X	X	X		X		

# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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## Advanced Digital Media

**731014** (CCAA, FHS, HHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Digital Media 1

**CTE Pathway (theem):** Digital Media (capstone)

**Piav txog Kev Kawm:** Digital Media muab kev cobqhia rau cov tibneeg uas yuav nrhiav ib txoj haujlwm theem pib nkag mus ua nyob rau cov chaw haujlwm uas xav tau cov kev txawj ntawm computer graphics nrog rau qhov tshwjxeeb piav ntau tshaj rau ntawm multimedia (ntau hom kev uake ntawm nkauj, yeebyajkiab & xov xwm). Cov menyuum kawmntawv uas kawm tiav txhij hlo ntawm txoj kev kawm no yuav muaj cov kev txawj uas muaj txiaj ntsim rau lawv hauv illustration, digital imaging, web page design thiab implementation, 2D thiab 3D animation, thiab kev kho yeebyajkiab. Cov menyuum kawmntawv yuav tau txais cov kev cobqhia ntawm tuamtxhab cov software programs. Nrog ntxiv, cov menyuum kawmntawv tau kawm txog cov kev txawj tsim cov nplooj ntawv nyob online uas siv raw HTML nrog JavaScript implementation.

## Art and History of Floral Design

**521702** (RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Floral Design

**CTE Pathway (theem):** FloralDesign(capstone)

**Piav txog Kev Kawm:** Txoj kev kawm muab rau cov tub ntxhais kawm uas muaj cov kev txawj tsim paj zoo nkauj thiab thaum uas lawv tab tom los tsim kom muaj kev paub txog cov haujlwm kev tsim pajntoos, tso rau neeg pom thiab muag tawm. Cov menyuum kawm yuav kawm txog kev ua zoo tu

thiab saibxyuas cov paj, cov nroj tsuag thiab cov nplooj sau los uake; yuav los tshuaj xyuas cov khoom siv los tsim cov paj thiab yuav muab cov paj tig nyob licas thiab li zoo; siv cov twj tu paj, cov khoom siv thiab cov khoom ua tau; siv cov txheej kev kawm tau ntawm txoj kev tsim los kho cov paj, cov kev tsim thiab kho thiab txuag cia cov khoom siv los kho cov paj.

## Advanced TV and Video Production

**531703** (RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Beginning Television and Video Production

**CTE Pathway (theem):** Television and Video Production (capstone)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no muab kev qhia thiab kev cobqhia rau cov tub ntxhais kawm uas nyiam cov haujlwm tsim yeebyajkiab, tshaj tawm saum huabcua, thiab rau cov tuamtxhab tsim yeebyajkiab. Cov menyuum kawmntawv yuav kawm thiab paub txog ob yam xws li kev txawj nrhiav tswvyim thiab kev tsim ntawm kev tsim kho yeebyajkiab nrog sib xyaws rau kev kawm txog cov kab ke ua dhau los thiab ua nyob tam sim no thiab lawv cov kev siv. Cov menyuum kawmntawv yuav tshawb txog ntau yam txawv ntawm media thiab entertainment kev lom zem cov tuamtxhab raws li txoj kev kawm ntawm no txheebze rau txoj kev xaiv cov haujlwm. Cov tub ntxhais kawm uas muaj peevxwm txuas hauv txoj kev kawm ntawm no yuav muaj kev npaj txuas nkag rau ib txoj kev kawm nyob theem tsevkawm txheejsiab ntawm yeebyajkiab lossis tshaj tawm saum huabcua xovxwm lossis muaj kev npaj txaus nkag mus ua tau cov haujlwm theem pib nyob rau cov chaw kev kawm ntawm no.

## Advanced Theatre

**531003** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** F

**Kev Kawm Ua Ntej:** Theatre Production

**CTE Pathway:** Theatre (capstone)

**Piav txog Kev Kawm:** CTE txoj kev kawm ntawm no yuav siv cov kev txawj uas kawm tau hauv txoj kev ua yeebyam saum samthiaj los tsim cov haujlwm loj- raws li cov kev ua yeebyam hauv lub tsev ua yeebyam. Cov tub ntxhais kawm yuav npaj los xamphaj lossis cov phauntawv portfolios qhia ua yeebyam, kawm cov kev txawj ua lagluam/saibxyuas haujlwm, thiab tsim ib lub tswvyim npaj rau ib txoj haujlwm kev txawj. Qhov no yog ib ib chavkawm uas tsom rau kev ua yeebyam saum samthiaj, nrog rau cov tub ntxhais kawm txoj kev xaiv thiab cov kev qhia ua licas ntawm txoj kev ua yeebyam uas qhov twg yog ib qho ntawm qhov feemxyuam tseemceeb rau ntawm txoj kev kawm.



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## Agriculture Business

**731001** (GUHS)

**Qib:** 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Economics **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Landscape Environment Design

**CTE Pathway (theem):** GEO Academy (capstone)

**Piav txog Kev Kawm:** Txoj kev kawm no yog tsim los rau cov cibfim kawm txheejsiab ntawm kev ua lagluam qoobloo thiab kev tswj thiab khiav nyiaj txiag rau cov tub ntxhais kawm uas muaj txoj kev txuas nrog tsevkawm txheejsiab uas nyiam txog kev ua qoobloo. Los ntawm txoj kev kawm, cov menyuum kawm yuav totaub thiab siv txoj kev tswj thiab khiav nyiaj txiag cov hauvpaus kev cai raws li lawv txheebze rau tibneeg yuav khoom, kev tsim qoob loo, thiab kev tswj ua lagluam qoob loo. Cov kev txawj rau hauv lub neej zoo xws li daimntawv qhia txog tus kheej keebkwm kev kawmntawv thiab cov kev txawj rau haujlwm, cov daimntawv rau npe ua haujlwm, cov kev txawj teb lus thaum xamphaj thiab cov daimntawv rau npe rau tsevkawm txheejsiab thiab kev sib tw kom tau nyiaj los pab kawm ntawv (scholarship) yuav muaj nyob rau hauv no. Cov tub ntxhais kawm yuav tswj Academy lub lagluam uas yog tsim, npaj tso rau hauv thawv, txiav txim seb tus nqe yuav yog li cas, thiab nthuav lawv cov khoom tawm rau tibneeg. Cov menyuum kawmntawv yuav ua zoo sau tseg cia yog yog ntawm cov kev siv nyiaj tawm, cov tw tshev thiab qhov uas tau peev/cov kev ua poob.

## Agriculture Exploration

**731033** (RLHS)

**Qib:** 9 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Agricultural Explorations yog ib qho kev kawm xub thawj uas nyuaj qhia txog ntau hom kev sibtxuas lus uas cuam tshuam nrog kev ua qoobloo nrog rau ib nqe tseemceeb rau cov hom kev sau ntawv uas niaj hnub siv nyob rau hauv ntawv xovxwm thiab magazines uas muaj cov kev sau ntawv, xovxwm sau ntawv, thiab kev xav ntawv sau. Dua li ntawm no ntxiv, cov tub ntxhais kawm yuav kawm txog los sau licas nrog rau ib qho kev totaub ntawm cov neeg uas nyeem lawv cov ntawv sau thiab lub homphiaj sau, los sau uake ntau cov ntaubntawv los ntawm ntau cov chaw los tau licas, yuav los tshuaj xyuas txog cov ntaubntawv nyuaj licas kom nkagsiab zoo thiab yuav qhia nws tawm licas thiaj li tsimnyog txuas rau hauv ntaubntawv, hauv duab thiab/lossis hais lus nws yog nyob rau ntawm lub homphiaj yog dabtsi. Cov menyuum kawm kuj yuav kawm los qhia ua cov presentations uas tsis thas yuav npaj xyaum ua ntej uas nrog uake rau ntawm cov tswvyim hais kom neeg ntseeg ntawm txoj kev qhia zoo li dabneeg, kev qhia yam li muaj tseeb, kev ua kom ntseeg thiab cov kev piav.

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## Agricultural Leadership

**741024** (RLHS)

**Qib:** 9-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog tsim los kho cov kev txawj koj kom zoo. Cov ntsiab lus kawm muaj xws li: pabpawg kev ua haujlwm zoo, kev sibtxuas lus, pabpawg cov kev txawv, tus kheej txoj kev txhim kho loj hlob, koj cov yamntxwv zoo, mloog lus, tsim cov homphiaj tseg, kev nyiam zoo, kev txawj hais lus tsis txajmuag, thiab txawj daws teebmeem-kev txiavtxim siab. Txoj kev kawm ntawm no kawm tau zoo ntxiv los ntawm cov yeebyajkiab films, videotapes, cov phauntawv, cov neeg cev lus, thiab cov kev mus saib chaw.

## Beginning Agricultural Mechanics

**721004** (RLHS)

**Qib:** 9-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Agriscience Mechanics (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm Beginning Agriculture Mechanics qhia txog cov tswvyim kev ntseeg thiab cov kev xyaum nqes tes ua uas muab cov cibfim rau cov tub ntxhais kawm los tsim muaj cov kev paub hauvpaus thiab cov kev txawj kho hauv kev cog qoobloo cov khoom siv. Cov chaw ntawm txoj kev qhia txog muaj xws li cov kev paub hauvpaus txog faisfab, ua haujlwm nrog cov hlau txias, kev paub hauvpaus kho xaim-khoom daig, haujlwm nrog pobzeg, haujlwm nrog hlua, cov hauvpaus kev txawj txua ntoo, kev nyabxees, kev paub txog cov twj, thiab kev txawj ntsuas. Kev koom rau hauv FFA pabpawg menyuaum kawm cov kev ua thiab Supervised Agricultural Experience (SAE) cov haujlwm loj yog ib qho kev kawm tso uake los rau txoj kev txhim kho loj hlob ntawm kev ua koj, kev tshawbnrhiav paub txog haujlwm kev txawj, thiab kev pab ntxiv ntawm cov ntsiab lus kev kawm.

## Beginning Animation

**521703** (FHS)

**Qib:** 9-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** F

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Animation (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no pib qhia rau cov menyuaum kawm txog cov hauvpaus ntawm kev tsim kabtoos (animation) thiab computer graphics (cov kev tsim duab). Cov menyuaum kawmntawv yuav kawm cov hauvpaus ntsiab lus, cov tswyim kev ua, thiab cov hom kev ua los ntawm cov kev nqes tes xyaum ua kiag thiab cov haujlwm loj txheebze ncainraim rau qhov chaw kev kawm ntawm cov kev tsim duab cia siab (animation and computer graphics). Tus txheejtxheem qhia ntawv yog npaj los rau cov tibneeg twg uas lawv ntshaw los siv thiab tsim lawv cov kev txawj tawm tswvyim ua cov kev qhia (expression skills), hauv txoj kev txuam uake nrog cov hom tswyim kev ua nyob theem neeg txawj qib computer software, los tsim cov txuj ci duab, suab nkauj thiab ntau yam uake (multimedia art). Qhov kev kawm ntawm no yog tshwjxees tshaj rau cov menyuaum kawmntawv uas nyiam raug hauv txuj ci fine art kev sib txuas lus, yeebyajkiab film, ua kev lom ze dabneeg

saum samthiaj, computer animation (kabtoos), thiab/lossis kev tsim duab hauv computer. Cov haujlwm hauv txuj ci art thiab animation yuav los tshawb kawm txog.

## Intermediate Animation

**521012** (FHS)

**Qib:** 11-12 **Duration:** Xyoo

**HS Grad Req:** Fine Arts **UC/CSU a-g:** F

**Yam yuavtsum tau kawm uantej:** **Pib Animation**

**CTE Txoj Kev:** **Animation (capstone)**

**Course Description:** Cov tub ntxhais kawm yuav tsim cov

txuj ci kev ua yeeb yam thiab cov txuj ci animation uas tau

kawm los ntawm cov kev qhia pib nrog rau cov ntsiab lus

ntawm cov yeeb yaj kiab, tsim cov qauv tsim, thiab cov txheej

txheem tsim khoom. Tsis tas li ntawd, cov tub ntxhais kawm

yuav kawm tsim thiab tswj cov ntaub ntawv uas qhia txog lawv

lub cev ua haujlwm. Cov tub ntxhais kawm yuav tshawb nrhiav

cov kev xaiv ua haujlwm thiab cov hauv kev los ntawm kev

tshuaj xyuas ntau yam haujlwm hauv AME txoj haujlwm.

Thaum kawg ntawm chaw kawm no, cov tub ntxhais kawm yuav

tau ua tiav ntau yam haujlwm ib leeg thiab pab pawg thiab

yuav ua haujlwm ntawm cov khoom loj dua hauv chaw kawm

capstone.

## Beginning TV and Video Production

**521703** (RLHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Television and Video Production (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm no tshawb txog keebkwm thiab txoj kev hloov rau ntawm neeg Meska thiab Lub Ntjateb cov kab li kev cai uas yog tim los ntawm txoj kev tsim tau this vis thiab yeebyajkiab. Cov tub ntxhais kawm yuav kawm txoj cov tswvyim kev cai ntawm txoj kev siv teeb tig thiab ci rau qhov twg thiab kho thajchaw. Cov menyuaum kawmntawv kuj yuav kawm txog cov kev ua thiab siv cov khoom thajj duab electronic photography, thajj yeebyaj kiab, kho, tsim yeebyajkiab, thiab lwm yam.

## Biology and Sustainable Ag

**411AG1** (RLHS)

**Qib:** 9 **Caijnyoog:** Xyoo

**HS Grad Req:** Physical Science **US/CSU a-g:** D: Lab

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Agriscience

**Piav txog Kev Kawm:** Qhov ntawm no yog ib xyoo kev kawm uas

## Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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tsim los uake nrog biological science cov kev xyaum thiab cov kev paub rau hauv cov kev xyaum ceev tau kev ua qoobloo yam Tsis muaj tag. Txoj kev kawm ntawm no tu los ua plaub tshooj loj lossis cov koog kev kawm. Nyob rau hauv txhua tshooj kev kawm qee cov tswvyim kev cai life science yuav coj los qhia nrog cov cai kev ua liaj ua teb thiab cov kev xyaum uas qhia txoj kev kawm tau ntawm cov kev paub ntawm no, coj los tso uake rau hauv txoj kev txhim kho loj hlob ntawm ib tus qauv ceev tau ib thajchaw yug tsiaj/cog qoobloo thiab ib phauntawv portfolio ntawm txoj kev txhawb nqa menyuam kawm txoj kev tshawbfawb.

## Biomedical Science

**721010** (FHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** D: Lab

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Sports Medicine (qhov thawj xub pib qhia **Piav txog Kev Kawm:** Txoj kev kawm Biomedical Science (BMS) muab ib qho thawj pib qhia txog kev kawm sab kev kho mob tshuaj uas yog yuav muaj cov haujlwm loj thiab teebmeem rau ua thiab daws. Cov tub ntxhais kawm tshuaj xyuas txog cov ntsiab lus ntawm biology thiab tshuaj raws li lawv txoj kev kawm tshawb fawb txog kev mob nkeeg ntawm cov kev mob plawv, kev mob muaj ntshav qab zib, kev mob sickle-cell (ntshav liab puas), kev mob txoj hlabntsha muaj roj ntau (hypercholesterolemia) thiab cov kabmob kis tau. Lawv yuav txiav txim seb yam dabtsi ua rau ib tug pojniam cuav tau tag sim neej raws li lawv nrhiav pom ntawm cov povthawj muab hauv tus pojniam cov kheebkwm kev kho mob thiab ntawm daimntawv qhia txog qhov kev kuaj tau dabtsi ntawm lub cev. Cov tub ntxhais kawm yuav tshuaj xyuas txog txoj kev tus pojniam ua neej nyob zoo licas thiab muaj cov kev kho mob dabtsi ua rau nws txoj sia nyob ntev thiab qhia rau pom hais tias txoj kev loj hlob ntawm tus kabmob ho txheebze licas rau ntawm tibneeg lub cev cov kev ua haujlwm (body systems). Cov kev ua thiab cov haujlwm loj muaj hauv PBS pib qhia rau cov tub ntxhais kawm paub txog tibneeg lub cev ua haujlwm licas (physiology), hauvpaus ntawm biology, tshuaj, thiab cov txheej txheem ua kev tshawb fawb thiab ua rau cov tub ntxhais kawm tsim cov kev sim (experiments) los daws cov teebmeem. Cov ntsiab lus tseemceeb ntawm biology, muaj nrog xws li txoj kev lub cev tsim lub zog los ntawm zaub mov (metabolism), xiab ntawm cajceg (inheritance of traits), thiab kev tivthaiv lub cev ntaus kabmob yog tagnrho cov ntsiab lus muaj nyob hauv tus txheej txheem qhia ntawv no. Txoj kev kawm no yog tsim los muab ib vuag kev paub ntawm tagnrho cov kev kawm muaj hauv tus phiajxwm txoj kev qhia ntawv txog biomedical science thiab pib qhov hauvpaus kev tshawb fawb (scientific foundation) rau cov kev kawm txuas toj ntej. Cov tub ntxhais kawm xyaum daws cov teebmeem nrog cov kev ua uas yeej muaj tus qauv txheej txheem thiab qheb siab kawm txuas mus ua cov haujlwm loj uas muaj ntau nqe lus teb tau thiab cov teebmeem uas tseev kom lawv tsim kev paub npaj, teev tseg, sibtxuas lus, thiab lwm cov kev txawj ntawm txoj haujlwm.

## Business and American Government

**714016** (GUHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo

**HS Grade Req:** Am Gov **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Business Technology and Finance

**Piav txog Kev Kawm:** Qib kaum-ob qhov kev kawm saib ntawv ntawm no tsom los rau tus txheej txheem thiab cov kev khiav dejnum ntawm United States Tsoom Nom Tswv Tus Txheej Txheem Tswj Tebchaws (Government System). Thawj qhov kev kawm yuav yog cov dejnum feemxyuas thiab cov cai ntawm pejxeem, kev xaiv nom tswv, cov pabpawg (political parties), cov kev tuav kev xaiv tsa nom tswv (election), cov kev ua koomtxoos nqua hu kom tibneeg pab (campaigns), Txoj cai loj ntawm lub tebchaws (Constitution), cov pabpawg ntawm tsoom fww (branches of government), thiab qhov Bill of Rights. Ntxiv nrog, txoj kev kawm yuav sib piv cov kev cai tswj muaj nyob hauv zog, hauv lub xeev, hauv lub tebchaws thiab nyob rau theem ntawm lub ntiajtec. Ib qho kev tsom ntsoov rau nyob thoobplaws hauv

txoj kev kawm no yuav yog txoj kev tshuajxyuas txog ntawm txoj hau kev uas tsoom fww thiab pejxeem nkawv ua licas hauv txoj kev tsim cov tsab cai thiab cov cai (laws) cuam tshuam raug rau cov tuamtxhab khiav Kev Lagluam thiab Kev Tswj Nyiaj Txiag. Txoj kev kawm ntawm no cuag tau kev kawmntawv tiav nqe lus ntawm American Government thiab yog txoj kev kawm tseemceeb ua kawm uake nyob tib ntu ntawm xyoo kev kawm tibyam nrog Business Economics and Finance.

## Business Concepts

**731037** (VNHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Int

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Business Management (concentrator)

**Piav txog Kev Kawm:** Business Concept yog qhov kev pib qhia kev kawm nyob rau txoj haukev ntawm Kev Tswj Lagluam. Cov tub ntxhais kawm uas tabtom nyob hauv txoj kev kawm ntawm no yuav tau kawm txog kev qhia kawm pib kawm txog cov hauvpaus kev cai nyiajtxiag khiav hauv lub tebchaws thiab cov kev cai ua lagluam, muaj nrog xws li lagluam kev tswj thiab cov kev ua khiav haujlwm, kev pib khiav lagluam ntawm tus kheej (entrepreneurship), kev tshaj tawm muab khoom (marketing), thiab kev tswj nyiaj txiag (finances). Cov cibfim rau haujlwm thiab kev npaj; kev tswj nyiaj txiag thiab cov kev siv technology hauv computer kuj yuav muaj qhia txog thiab. Nyob rau ntawd yog ib qho ntsiab lus tseemceeb puangcig thoob plaws qhov kev kawm ntawm no uas hais txog lub caij ntawm no txoj kev sib txuas, sib txheeb uake ntawm ntiajtec txoj kev khiav nyiaj txiag (global economy). Chavkawm cov haujlwm muab cov kev qhia los xyaum ua li muaj tiag tiag hauv lub neej, thiab nrog rau cov cibfim kev tshawb fawb thiab sau ntawv.

## Business Economics and Finance

**731015** (GUHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo (5 Credits)

**HS Grade Req:** Econ **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Business Technology and Finance

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tau tsim los pab cov tub ntxhais kawm tsim kev loj hlob ntawm ib qho kev totaub hauvpaus txog kev khiav nyiaj txiag hauv tebchaws cov txheej txheem, muaj nrog xws li Neeg Meska tus txheej txheem tsim lagluam ywjpheej nrog ib nqe tseemceeb rau ntawm ntiagtug li lagluam thiab kev pib lagluam ntawm tus kheej. Nws tsim kev loj hlob rau ntawm lawv txoj kev txawj nyeem thiab paub txog kev khiav nyiaj txiag hauv lub tebchaws thiab qhia lawv txog qhov kev khiav nyiaj txiag hauv lub tebchaws ho cuam tshuam raug tau rau lawv lub neej licas thiab ntawm lawv cov kev ua neej. Los ntawm kev kawm-kev ua haujlwm pab cuam thiab kev nqes tes xyaum ua kias ntawm cov haujlwm loj (projects), cov tub ntxhais kawm tsim kev loj hlob ntawm cov kev txawj saib xyuas nyiaj txiag thiab kev pib khiav lagluam uas qhia txog ib qho hauvpaus rau ib txog haukev taug rau ib txoj haujlwm twg hauv kev ua lagluam. Txoj kev kawm cuag nqe lus ntawm Economics thiab yog txoj kev kawm tseemceeb ua kawm uake nyob tib ntu ntawm xyoo kev kawm tibyam nrog Business and American Government.

# Course Descriptions – Career Tech Ed

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## Business Mathematics

**741037** (VNHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** G: Int

**Kev Kawm Ua Ntej:** Business Concepts

**CTE Pathway (theem):** Business Management (capstone)

**Piav txog Kev Kawm:** Business Math yog ib feem ntawm Kev Tswj Lagluam txoj haukev kawm thiab tsom rau cov kev txawj ua zauv uas yog siv nyob ntau txoj haukev ntawm kev ua lagluam. Cov kev kawm kev xyuum siv tau ntawm kev ua zauv yog kawm los ntawm txoj kev siv raws li yam muaj tiag hauv lub neej. Cov tuamtxhab kooshaum loj khiav haujlwm (commerical organization) siv kev ua zauv nyob hauv kev tswj saibxyuas nyiaj txiag (accounting), kev tswj saib xyuas cov khoom, kev tshaj tawm muag khoom, kev kwvyees npaj ua ntej yuav muag tau npaum lidas, thiab cov kev txawj tshuaj xyuas kev siv nyiaj txiag (finanical analysis). Hauv qhov kev kawm ntawm no, koj yuav los tsim kev loj hlob ntawm cov kev txawj uas yuav npaj los los txawj tu zoo, totaub thiab suav nrog cov zauv es koj thiaj li paub ua cov kev txiav txim zoo nyob rau hauv lub ntiajted ntawm kev ua lagluam.

## Business Technology and Finance

**721010** (GUHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** C

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Business (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no muab ib qho kev kawm uas qhia tob thiab muaj nqes tes ua qhia txog lagluam cov twj tshiab business technology uas siv los rau kev ua lagluam txoj kev sibtxuas lus. Cov ntsiab lus kawm muaj xws li tus txheejtxheem khiav haujlwm thiab kev sibtxuas lus los ntawm digital documents, cov kev cobqhia, cov ntaubntawv tau los hauv kev ua zauv thiab txoj kev nthuav qhia tawm, thiab nrog rau pib qhia tawm sawvcev ntawm pib tus kheej tau zoo npaum lidas hauv digital media rau tibneeg pom. Txoj kev kawm ntawm no siv cov tswvym kev cai ntawm kev ua haujlwm zoo thiab sibtxuas lus zoo rau hauv txoj kev tsim cov tsabntawv lagluam, cov soblus, cov emails thiab nrog rau lwm yam ntawv sau thiab ncauj lus cov ntawv qhia tawm uas siv los rau ntau lub zwjceeb ntawm kev ua lagluam.

## CA Natural Resources

**741001** (GUHS)

**Qib:** 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Physical Science **UC/CSU a-g:** G: Lab

**Kev Kawm Ua Ntej:** Landscape and Environmental Design

**CTE Pathway (theem):** GEO Academy (capstone)

**Piav txog Kev Kawm:** Los ntawm kev tshawbfawb cov ntaubntawv sau los uake, ncajnraim rau ntawm txoj kev kawm uas nqes tes ua, thiab cov kev kawm ntawm cov kev sib raugzoo uas nyuaj ntawm tibneeg thiab lawv txoj kev siv ntawm cov khoom, cov tub ntxhais kawm yuav totaub txog pib muaj kev sibtxheeb nrog thajchaw lidas, siv cov khoom lidas thiab txiav txim cov haukev uas zoo tshaj los siv cov khoom uas txawj tag uas pib muaj. Cov menyuum kawm yuav koom rau hauv txoj kev tshawbfawb sau cov ntaubntawv los uake, tsim txoj kev sim, sau ntawv tshawb fawb thiab tshuaj xyuas cov zauv kom muaj kev paub meej tshaj no ntxiv ntawm ib qho kev totaub txog cov khoom thiab cov cibfim uas California los rau siv. Cov tub ntxhais kawm yuav muaj ib qho kev totaub txog txoj kev siv thiab txoj kev faib ntawm cov khoom ibtxwm muaj hauv

California. Lawv yuav los kawm txog txoj kev tshawbnrhiv, kev kawm paub txog, rov kho kom zoo thiab faib tawm cov khoom uas tshwmsim. Ntau tshaj ntawm no ntxiv, cov menyuum kawmntawv yuav totaub txog cov cai, ntawm tsoom fww tebchaw thiab lub xeev, cuam tshuam lidas rau cov khoom twg uas muaj rau cov tuamtxhab loj thiab private tau siv thiab nrog rau vim lidas qee cov khoom ho yog thiab tsis yog ib qho ua haujlwm rau kev tswj thiab khiav nyiaj txiag. Zaum kawg no, cov tub ntxhais kawm yuav los ua ib co kev tshawbfawb kev kawm, ua cov kev sim coj los sim lawv cov lus nug uas lawv tau tsim tseg, muab muab cov ntaubntawv tshawb fawb, mus sau cov zauv, thiab los sau txoj kev tshawbfawb txog daim av txoj kev tswj cov kev xyuum.

## Career Choices

**711025** (Tagnrho Cov Tsevkawm)

**Qib:** 9-10 **Caijnyoog:** Semester/Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Career Choices yog ib tug txheejtxheem qhia ntawv nyob rau ntau cov chaw kev kawm uake uas cov menyuum kawm thiab cov xibfwb koom rau hauv ib txoj dejnum kawm uake. Qhov no yuav pab cov tub ntxhais kawm tsim muaj kev paub, cov kev txawj, thiab cov yamntxwv zoo los mus ntsuam xyuas lawv tus kheej lub neej, tshawb nrhiav thiab tshuaj xyuas ntau yam kev kawm thiab ntau cov haujlwm kev xaiv, thiab tsim cov homphiaj yog thiab raws li kev tshawbfawb los uas zoo rau lawv lub neej tom ntej.

## Catering Production

**741012** (FHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Culinary 1

**CTE Pathway (theem):** Culinary Arts (capstone)

**Piav txog Kev Kawm:** Ib txoj kev kawm tseemceeb heev ua npaj ib tug twg kom muaj cov kev txawj, cov yamntxwv, thiab cov kev paub tsimnyog uas yuav tsum muaj los rau ntawm chaw ua haujlwm uas tsim zaub mov thiab txhua yam dej haus thiab cov haujlwm ntib khoom. Kev qhia muaj cov ntsiab lus kawm zoo xws li kev txawj raug zoo nrog cov neeg tuaj yuav khoom, kev paub txog lub tuamtxhab zoo, kev tu txhua yam huvi thiab kev ua zoo saib xyuas cov zaub mov, kev paub txog zaub mov uas zoo rau lub cev, thiab cov quav muab khoom dabtsi los ua zaub mov. Cov menyuum kawmntawv yuav txhim kho muaj cov kev txawj los xaiv thiab siv cov cuabyeej, cov khoom, thiab cov txheej txheem kev siv tsimnyog los tsim tau ntau yam zaub mov npaj los muag lossis cev mus rau tug neeg xav tau, cov daimntawv qhia cov plus zaub mov thiab los npaj cov cuabyeej ua zaub mov, cov kev kho kom ib thajchaw losyog ib yam dabtsi zoo nkauj, rau kev ua si lom zem, nrhiav kev xa thiab tos, thiab nrhiav chaw rau zaub mov.



# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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## Chemistry and Agriscience

**421AG2** (RLHS)

**Qib:** 10 **Caijnyoog:** Xyoo

**HS Grad Req:** Physical Science **US/SCU a-g:** D: Lab

**Kev Kawm Ua Ntej:** 2Biology & Sustainable Agriculture

Agriculture Exploration

**CTE Pathway (theem):** Agriscience

Academy: Farm to

Fork (intro)**Piav txog Kev Kawm:** Txoj kev kawm no qhia txog physical thiab tshuaj chemical uas ibtxwm muaj nyob rau hauv av thiab cov kev sib txheeb ntawm av, nroj tsuag, cov tsiaj thiab cov kev niaj hnuv ua liaj ua teb. Cov menyuum kawmntawv yuav tshuaj ntsuam cov kev paub txog ntawm av thiab daim av thiab lawv cov kev sib txuas nrog rau nroj tsuag thiab tsiaj txoj kev tsim. Cov menyuum kawmntawv yuav los txhim kho ib lub koomhaum txoj kev tshawbfawb Agriscience los ua nyob rau thawj lub nrab xyoo ntawm txoj kev kawm. Txhua tus menyuum kawmntawv yuav los tshauj ntsuam thiab ntsuas ib txoj kev tshawbfawb Agriscience lo lus nug los ntawm ib txoj kev tsim ib lo lus nug tswhab fawb uas txheeb ze rau ntawm txoj kev kawm cov ntawv qhia, los tsim ib nqe lus twv teb (hypothesis) raws cov kev tshawbfawb muaj nyob rau fab txheeb ze txoj kev ua no, los ua ib qho kev sim los ntsuas nqe lus twv, los khaws cov ntaubntawv ntsuas tau uas yog siv zauv/lej (quantitative data), thiab los tsim ib txoj kev xav los piav qhov tshawbfawb tau raws li kev ntsuam xyuas ntawm cov ntawv tshawbfawb tau. Qhov tshwmsim tau los ntawm lub koomhuam kev tshawbfawb no yuav yog ib daimntawv piav meej thiab tob txog txoj kev tshawbfawb thiab txoj kev ua los sim ntsuas uas yog sau thiab ua raws kev tshawbfawb tus txheej txheem ua dejnum.

phiajxwm qhia ntawv uas cov tus khoom mos-ab (infant simulators) coj los xyaum rau txhua tus. Lwm cov kev tshawb

## Child Development

**731005** (FHS,HHS, PHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Exploring Computer Science

**CTE Pathway (theem):** Early Childhood Education

(capstone)

**Piav txog Kev Kawm:**Child Development yog ib qho kev kawm uas cov menyuum kawm paub ntixiv thiab siv cov kev paub tswvyim ntawm cov theem kev loj hlob ntawm cov menyuum thaum ntu pib nyob hauv plab mus txog hnuvnyoog xya xyoo tam li tau pom txog ntawm cajceg, haivneeg pabpawg, thiab ntawm yus tus kheej txoj kev noj nyob ua neej nrog tibneeg nrog qhov kev siv rau kev tsomkwm saib xyuas tus menyuum. Cov menyuum kawmntawv tshuaj xyuas txog cov menyuum loj hlob li cas nyob sab lub cev ntajntsug, siab ntsws kev xav, kev ua neej, thiab lub hlwb kev xav, thiab ntsuam xyuas thiab kawm kom paub txog cov kev muaj feemxyuam ntawm cajceg, tsevneeg, pawg haivneeg, thiab kab li kev cai rau tus menyuum txoj kev loj hlob.Cov menyuum kawm kuj ntsuas txog txoj kev hloov losyog puas ntawm cov menyuum cov kev xav tau thiab siv cov tswvyim (theory) thiab kev tshawb fawb los muab kev pom zoo tsimnyog txaus los pab rau cov kev xav tau ntawd. Cov menyuum kawm tshawb nrhiav kawm txog cov kev feemxyuam saibxyuas ntawm kev ua niam txiv zoo rau ib tug menyuum mos-ab los ntawm txoj kev koom rau hauv ib lub kooshaum tus

# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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fawb xam nrog cov kev saibxyuas cov zaub mov thiab kev noj zoo huv ntawm ntau hom kev txawj siv ntoo. rau lub cev ntajntsug, cov teebmeem kev tham sib sablaj txog kev noj qab haus huv thiab kev nyabxees, cov kev tsomkwm saibxyuas kev ua uas nyob rau sab zoo, thiab cov kev xyaum kev coj uas zoo phiv raws qhov kev loj hlob thiab kev kawm cov kev ua.

## **Computer Science Principles**

**731026** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** C

**Kev Kawm Ua Ntej:** Exploring Computer Science

**CTE Pathway (theem):** Information and Computer Technology (capstone)

**Piav txog Kev Kawm:** Computer Science Principles (CS Principles)

yog tsim los pib qhia rau cov tub ntxhais kawm los paub dav txog hom kev kawm ntawm computer science los ntawm ib txoj kev tshawb nrhiav los koom nrog thiab saib txog cov ntsiab lus kev kawm. Txoj kev kawm yog tsim los tsom rau cov tswvyim ntsiab lus ntawm kev suav computing thiab pab cov tub ntxhais kawm totaub vim licas qee twj lossis cov hom lus thiaj li siv los daws qee cov teebmeem. Lub homphiaj ntsiab lus ntawm CS Principles txoj kev kawm yog los muab rau cov menyum kawmntawv muab ib qho hauvpaus kev paub txog computer science cov kev kawm thiab cov kev xyaum es cov tub ntxhais kawm thiaj kawm los tau los siv txoj kev xav uas siv suav zaus computational thinking thiab cov kev txawj xav tob. Txoj kev kawm ntawm no yuav ua rau cov menyum kawmntawv los daws cov teebmeem thiab tej yam txawv txav hauv qhov chaw kev kawm ntawm no uas yog los tsim cov khoom uas cuam tshuam nrog qhov dejnum suav zaus computational process tibyam li txoj haukevi li cov neeg txawj lawv ua. Los ntawm txoj kev siv cov ntaubntawv thiab cov kev txawj uas qhia hauv txoj kev kawm ntawm no, muaj xws li, daws teebmeem, yam pom tsis tas abstraction, txoj kev siv ntawm thiab kev tshuaj xyuas ntawm cov ntaubntawv tshawb fawb tau, qhov algorithmic thinking, kev muaj tswvyim, programming, cov kev cuam tshuam ntawm Internet, thiab lub ntiajtec cov kev cuam tshuam raug rau kev computing, cov tub ntxhais kawm yuav los koom rau hauv txoj kev qhiantawv uas nyuaj kom lawv thiaj li hloov mus ua ib co pejxeem muaj kev paub rau hauv ib lub ntiajtec uas muaj tibneeg ua haujlwm nrog cov twj tshiab.

## **Construction 1**

**721016** (FHS, VNHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Construction (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm no yog pib qhia txog cov khoom siv kho tsev, cov tswvyim thiab cov txheej txheem kev ua los kho cov vajtse tibneeg nyob. Qhov kev kawm no yog tsim tau los rau cov menyum kawmntawv kawm tau cov kev txawj theem pib hauvpaus ntawm kev kho vajtse thiab lwm yam txheebze nrog rau ib qho kev paub dav txog ntawm hom haujlwm no cov cibfim uas muaj rau lawv. Qhov kev qhia ntau heev txog thiab tseemceeb yog rau ntawm nqi lus hais txog kev nyabxees thiab ua zoo siv tes thiab cov twj siv zog. Txoj kev kawm no muab rau cov menyum kawm txoj hau kev koomtes tsim tau ib lub tsev rau khoom nrog rau lwm cov haujlwm loj kho



# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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## Construction 2

**731016** (FHS, VNHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Construction 1

**CTE Pathway (theem):** Construction (capstone)

**Piav txog Kev Kawm:** Txoj kev kawm no yog qhia txog txhua yam uake, txuas tom ntxiv rau ntawm cov kev txawj hauvpaus uas kawm ntau nyob rau ntawm chavkawm xub pib qhia txog hom kev kawm no. Txoj kev kawm no yuav tsom raws cov chaw kev qhia xws li ntawm tagrho cov hau kev tsim thiab kho, nrog rau thajchaw tus qauv tsim lub tsev/txoj kev tshawbfawb thajchaw, cov hauvpuas txiag tsev, txoj kev ua phab ntsa tsev pob ze, cov txheej txheem pua tsev, txoj kev tsim/tsa cov ncej tsev, txoj kev vov tsev, txoj kev ua kom tiav cov phab ntsa ntawm lub tsev, hluav taws xob, txoj kev tswj kub thiab txias hauv tsev (HVAC), cov txheej txheem sau khibnyab thiab kavdej. Txoj kev kawm no pib qhia txog ntawm theem txheesjab kev kawm kho tsev cov tswvyim thiab cov kev xyaum thiab nrog rau cov kev xyaum tswj thiab tsim tau nyob lub caijnyoog tam sim no hauv cov chaw ua haujlwm kho tsev.

## Criminal Justice Academy 1

**711022** (GUHS)

**Qib:** 9 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Criminal Justice Academy (preferred but not required)

**Piav txog Kev Kawm:** Criminal Justice Academy 1 yog txoj kev kawm xub pib ntawm plaub xyoo hauv txhooj kawm cai ceevxwm/cov kev pabcuam thiv thaiv. Txoj kev kawm no qhia rau cov menyuam kawmntawv txog ntau hom kev ua haujlwm txawv muaj nyob rau hauv fab chaw kev pabcuam thiv thaiv. Txoj kev kawm qhia xub pib no yuav piav ntau heev txog cov ntsiab lus kev kawm ntawm keebkwm cov kev cuam tshuam, cov hauvpaus dejnum, cov haujlwm uas yuav tsum tau ua thiab cov kev ua ncaj ncees muaj nyob rau ib txoj haujlwm ntawm txhua txoj haujlwm txheebze kev cai lijchoj. Cov kev txawj ntau ntawv thiab txoj kev paub nyeem cov ntawv hauv computer yuav muaj qhia nyob rau chavkawm no. Cov kev pabcuam pub dawb rau zejzoz yuav tsum tau ua.

## Culinary 1

**721012** (FHS, RLHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Culinary Arts (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm no npaj cov menyuam kawmntawv paub txog cov zaub mov, txoj kev npaj, txoj kev txawj tos qhua, thiab cov kev txawj sib pab hauv ib pawg ntawm chaw ua haujlwm. Tus phiajxwm Culinary Arts npaj cov menyuam kawmntawv tau zoo heev los muaj kev paub txog, muaj cov kev txawj, cov yamntxwv thiab cov cwjpwv uas yuav tsum muaj thiaj li cuag tau txoj kev vammeej mus nrhiav tau

haujlwm ua lossis txuas toj mus mus rau tom ntej ntawm tsevkawm theem siab cov koomhaum kev kawm ntawv. Kev qhia xub pib muaj cov ntsiab lus xws li kev npaj tswvyim, kev xaiv, kev muab mus cia, kev yuav khoom, kev npaj khoom, kev sim, kev muab rau thiab kev muag ntawm cov zaug mov uas zoo thiab cov khoom zaug mov tsim tau.

## Digital Media

**521714** (CCAA, FHS, HHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Digital Media (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tshawb nrhiav kawm txog txoj kev ua haujlwm uake ntawm cov digital media xws li computer cov duab, kev tsim yeebyaj kiab, kev tsim suab, digital imaging, thiab yeebyajkiab taslauv. Cov tub ntxhais kawm ua cov haujlwm loj multi-media los ntawm lub tswvyim kev xav (ntaubntawv sau los/tshawbfawb) mus txoj thaum ua tiav txoj haujlwm loj (tso uake/kev xa) thiab tsom rau xovxwm cov kev xav tau los ntawm cov tuamtxhab me thiab tuamtxhab loj cov kev rau txoj kev tshaj tawm muag khoom thiab cov tuam txhab kev sibtxuas lus. Cov menyuam kawmntawv txhim kho thiab qhia pom lawv cov kev txawj los ntawm txoj kev tsim cov multimedia thiab cov kev nthuav tawm txog tej yam zoo li hauv cov portfolios, cov kev tsim web thiab cov kev cobqhia uas thaj tawm nyob lub sijhawm ntawd.

# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

## Ele

### Early Childhood Education

521714 (HHS, PHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Early Childhood Education

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib chavkawm ib xyoo-ntev loo uas tsim los npaj cov tub ntxhais kawm rau kev ua haujlwm nyob ntau hom thajchaw kev qhia ntawv uas cuam tshuam nrog kev ua haujlwm nrog cov menyuam yaus, muaj nrog xws li preschool/day care thiab cov qib kawm theem pib. Txoj kev kawm ntawm no yuav tsom qhia txog menyuam kev loj hlob thaum yug mus txog thaum muaj cuaj xyoos nyob cov chaw xws li lub cev, lub hlwb kev txawj thiab siab ntsws kev xav. Cov tub ntxhais kawm yuav kawm thiab siv cov tswvyim kev paub thiab kev tsim tawm uas sivnyog rau kev ua tiag tiag hauv chavkawm thiab hauv cov kev xyaum ua haujlwm (internships). Cov tub ntxhais kawm yuav muaj kev pom paub ntxiv txog fab kev noj qab nyob zoo thiab kev nyabxees, kev noj zaub mov zoo rau lub cev, cov kev pab tsom kwm zoo, cov tswvyim kev kawmntawv, ntau haivneeg kab li kev cai, kev quabyuam menyuam yog zoo licas, kev tswj chavkawm thiab cov kev ua kev qhia ntawv. Cov tub ntxhais kawm yuav tshawb kawm txog cov peevxwm kev ua tau thiab cov kev coj zoo ntawm txoj vammeej nyob hauv tus phiajxwm kev kawmntawv txog yav ntxov ntawm cov menyuam lub neej. Lawv yuav xyaum rau hauv qov kev nqes tes ua ntawm txoj kev npaj qhia ntawv cov kev ua uas muaj dav ntau raws li cov chaw ntawm kev loj hlob thiab cov chaw kev qhia ntawv ntawm kev txawj sau thiab nyeem ntawv, kev ua zauv, kev kawm txog neeg keebkwm, kev tshawb fawb science, suab pajnrug/kev txav, kev noj zoo rau lub cev, kev qhia dabneeg, thiab nthuav yeebyam ua si (dramatic play).

### Environmental Horticulture

711001 (GUHS)

**Qib:** 10 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** GEO Academy (introductory)

**Piav txog Kev Kawm:** Environmental Horticulture yog ib txoj kev kawm tsom rau fab chaw kev kawm ntawm science thiab txoj kev

kawm tsom rau fab chaw kev kawm ntawm science thiab txoj kev cog thiab tu nroj tsuag rau tibneeg thiab cov txiaj ntsig muaj rau thajchaw thiab nrog ua uake rau ntawm txoj kev kawm tshawbfawb nrog rau txoj kev ua thiab kawm nyob sab nraum zoov. Txoj kev kawm muaj xws li kev kawm ntawm txoj kev txheeb nroj tsuag uas muaj pab muaj pawg, txoj kev txheeb cov nroj tsuag, txoj kev nroj tsuag tsim noob, nroj tsuag lub cev ua haujlwm licas, nroj tsuag thiab lawv cov kab mob thiab nroj tsuag thiab kab txoj kev nyob uake, txoj kev siv nroj tsuag thiab txoj kev cog lawv, cov av thiab lawv cov kev ua haujlwm), nroj tsuag npe thiab lawv raug txheeb li cas, nroj tsuag cov txiaj tsim zoo rau cov zaub mov thiab cov kev siv ntawm kev tshawbfawb tshuaj. Cov menyuam kawmntawv yuav kawm txog cov fab kev kawm hais los saum los ntawm kev koom rau hauv kev ua nyob rau tsevkawm lub vaj zaub, lub vaj zaub café, ib txoj haujlwm loj tshawbfawb txog nroj tsuag, zej zog txoj kev pab dawb thiab ib txoj haujlwm loj kev ua coj saib thajchaw.

### Exploring Computer Science

721026 (GUHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Information and Communication Technology (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no muab rau cov tub ntxhais kawm muaj cov kev paub hauvpaus ntawm computer science. Cov menyuam kawmntawv yuav tshawb kawm txog cov ntsiab lus ntawm tibneeg txoj kev siv computer, daws teebmeem, tsim daim web, computer programming, data modeling, thiab robotics. Qhov pib mus txog qhov xaus ntawm txoj kev kawm, cov tub ntxhais kawm yuav totaub txog qhov algorithmic underpinnings ntawm computer cov kev siv thiab muaj kev txawj ntxiv los siv cov twj suav, computational tools.

### Farm to Fork

741007 (RLHS)

**Qib:** 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Science for Sustainable Agriculture

**CTE Pathway (theem):** Agriscience Academy Farm to Fork Academy (capstone)

**Piav txog Kev Kawm:** Txoj kev kawm Farm to Fork ntawm no yog tau tsim los pab cov menyuam kawmntawv kawm txog cov kev sib txheeb ntawm kev qoobloo, zaub mov, kev tshawb fawb science, kev noj zaub mov zoo rau lub cev, thiab nrog rau txoj kev khaws cia thiab txoj kev ntim ntawm cov zaub mov, kev tswj thajchaw ib puangcig thiab lub tsev yug tsiaj, tus txheejtxheem cov zaub mov txoj kev khiav haujlwm hauv lub tebchaws, lagluam kev tsim loj hlob thiab kev ntaus thawj pib khiav lagluam. Cov feemxyuam yamntxwv kev khiav haujlwm zoo licas ntawm sab zaub mov yuav yog qhov kev kawm txog thiab nrog rau kev tshawb fawb thiab kev tsim loj hlob yuav muaj coj los ua ib qho zuj zus kom thiaj li los tsim zaub mov cov khoom muag uas muaj nqes ntxiv tshaj qub. Cov menyuam kawm kuj yuav muaj lub cibfim los sablaj thiab tau los koom rau hauv tus txheejtxheem ua ntawm txoj kev yug yus tus kheej cov zaub mov los kawm paub txog yuav sau cov zaub mov huv zoo rau lub cev coj los siv rau hauv lawv lub neej txhua hnuv. Txoj kev kawm nov yog rau cov menyuam kawm uas muaj ib qho kev nyiam raug rau txoj kev nyiam yug yus tus kheej cov zaub mov, kev noj zaub mov zoo rau lub cev thiab /lossis kev kawm ua zaub mov cov txuj ci, nrog lub qhov kev tsom xub thawj yog rau txoj kev kawm tshawb fawb thiab kev xyaum kev ua ntawm Kev Tsim Zaub Qoobloo thiab Zaub Mov Kev Nyabxees.

# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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## Floral Design

**731002** (RLHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Floral Design (concentrator)

**Piav txog Kev Kawm:** Floral Design muab ib qho kev pib qhia txog cov kev pom uas muaj tswvyim thiab pom ua kom zoo nkauj. Cov tub ntxhais kawm los pib kawm txog cov khoom elements thiab cov tswvyim kev cai ntawm kev tsim txuj ci pom tau zoo. Cov tub ntxhais kawm yuav tshawbfawb thiab kawm txog cov kev hloov txawv txav tshiab ntawm cov paj los totaub thiab tsim ib txoj kev txaus siab nyiam txog txoj kev tsim cov paj nrog nws li keebkwm thiab kab li kev cai, cov paj siv rau thaum muaj ib qho tseemceeb thiab thaum siv li thuapais, nyob thaum muaj koobtsheej ua kev zoo siab thiab thaum muaj kev ua raws kab li kev cai, nrog ntxiv rau ib txoj kev totaub hais tias cov kev tsim paj nws hloov txawv txav los ntawm cov haivneeg, kab li kev cai, keebkwm, kev ua teb ua chaw, thiab txoj kev cuam tshuam los ntawm kev tswj thiab khiav nyiaj xtiag.

## Game Design 1

**521723** (HHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway (theem):** Game Design (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yuav pib qhia txog cov hauvpaus kev txawj tsim nkees (game) uas cov tub ntxhais kawm yuav siv nyob hauv cov chavkawm tom ntej. Cov tub ntxhais kawm yuav kawm txog cov hauvpaus kev tsim cov tswvyim ntsiab lus thiab siv lawv los rau cov haujlwm loj los tsim cov nkees los sim, iterative design projects. Cov menyuam kawm yuav tsim, sim, thiab kho nkees cov teebmeem thiab tagnrho cov nkees. Cov tub ntxhais kawm yuav tsim kho cov nkees uas siv lub rooj, analogue games (Card, Board and Dice) kom thiaj li txawj cov tswvyim kev cai rau txoj kev tsim nkees. Cov tub ntxhais kawm kuj yuav tsum kawm txog cov nkees sim (prototype games) uas tomqab siv los rau cov ntaubntawv tsim rau cov digital games. Cov menyuam kawm kuj yuav kawm los tsim thiab kho lidas kom tau cov nkees coj los ua si rau cov thajchaw 3D environments thiab kawm txog cov hauvpaus/qib siab txoj kev coding.

## Game Design 2

**731023** (HHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Game Design 1

**CTE Pathway (theem):** Game Design (capstone)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yuav kho toj mus ntxiv ntawm cov kev txawj hauvpaus ntawm kev tsim nkees uas cov tub ntxhais kawm lawv kawm txawj los ntawm cov chavkawm ua ntej. Cov tub ntxhais kawm yuav kawm cov tswvyim ntsiab lus nyob qib txawj tsim thiab siv lawv los rau cov haujlwm loj los tsim cov nkees los sim. Cov menyuam kawm yuav tsim, sim, thiab kho nkees cov teebmeem thiab tagnrho cov nkees. Cov menyuam kawm ntawv yuav tsim cov nkees uas computer tsim tawm (2d, lbsab txav mus mus los los, Saumtoj Hauvqab, RPG) kom thiaj li txawj cov tswv yim kev cai rau txoj kev tsim nkees. Cov menyuam kawmntawv yuav tsim cov prototyping games toj mus ntxiv los rau

tomqab txoj kev siv los rau cov ntaubntawv tsim rau cov digital games cov phauntawv portfolios. Cov tub ntxhais kawm yuav tsim thiab kho toj mus ntxiv kom tau cov nkees coj los ua si rau cov thajchaw 3D environments thiab kawm txog cov hauvpaus/qib siab txoj kev coding.

## Game Design 2

**731023** (HHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Game Design 1

**CTE Pathway (theem):** Game Design (capstone)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yuav kho toj mus ntxiv ntawm cov kev txawj hauvpaus ntawm kev tsim nkees uas cov tub ntxhais kawm lawv kawm txawj los ntawm cov chavkawm ua ntej. Cov tub ntxhais kawm yuav kawm cov tswvyim ntsiab lus nyob qib txawj tsim thiab siv lawv los rau cov haujlwm loj los tsim cov nkees los sim. Cov menyuam kawm yuav tsim, sim, thiab kho nkees cov teebmeem thiab tagnrho cov nkees. Cov menyuam kawmntawv yuav tsim cov nkees uas computer tsim tawm (2d, lbsab txav mus mus los los, Saumtoj Hauvqab, RPG) kom thiaj li txawj cov tswvyim kev cai rau txoj kev tsim nkees. Cov menyuam kawmntawv yuav tsim cov prototyping games toj mus ntxiv los rau tomqab txoj kev siv los rau cov ntaub ntawv tsim rau cov digital games cov phauntawv portfolios. Cov tub ntxhais kawm yuav tsim thiab kho toj mus ntxiv kom tau cov nkees coj los ua si rau cov thajchaw 3D environments thiab kawm txog cov hauvpaus/qib siab txoj kev coding.

## Health Sports Career

**711020** (GUHS)

**Qib:** 9 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway:** Sports Health Academy

(xav kom muaj tabsis tsis tseev kom muaj)

**Piav txog Kev Kawm:** Health Sports Career yog ib tug txheejtxheem qhia ntawv ntau hom kev kawm sib hla uas ua rau cov menyuam kawm thiab cov xibfwb muaj kev sib koom tes uake hauv ib qho haukev kawm tham

# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

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txog cov cibfim muaj rau pawg neeg ua haujlwm nyob cov sab saib xyuas kev ntaus pob ncaus pob sibtw thiab kev noj qab nyob zoo. Qhov kev kawm no yuav pab cov menyuum kawm tsim kev paub, cov kev txawj, thiab cov kev xeebceem uas yuav tsum muaj los tshuaj xyuas pom txog lawv lub neej zoo licas, tshawb nrhiav thiab xav txog ntau cov kev xaiv uas muaj rau ntawm kev kawm thiab haujlwm, thiab tsim cov homphiaj uas tsimnyog txaus thiab yeej muaj kev tshawb fawb txog raw lawv lub neej yav pem ntej.

## Intermediate Agricultural Mechanics

**731004** (RLHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Pib Agricultural Mechanics Tech

**CTE Pathway (theem):** Agriscience Academy (capstone)

**Piav txog Kev Kawm:** Intermediate Agriculture Mechanics yog ib txoj kev kawm tsim los muab kev qhia ib toj ib los rau cov tub ntxhais kawm hauv cov kev txawj ham hlau, kho thiab saib xyuas cov cav me, thiab cov twj khoom siv lub zog los tu pab chaw tu tsiajtxhu thiab qoobloo (farm power). Tseev kom cov tub ntxhais kawm tsim ib qho haujlwm loj (project) los qhia rau saib nyob hauv zos thiab hauv lub cheeb nroog cov koobtsheej fairs.

Intermediate Agricultural Mechanics  
731004 (TXL)

**Qib:** 10-12 **Duration:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Yam yuavtsum tau kawm uantej:** Pib Agricultural Mechanics

**CTE Txoj Kev (qib):** Agricultural Mechanics (capstone)

**Course Description:** Intermediate Agriculture Mechanics yog ib chav kawm uas tsim los muab kev qhia tus kheej rau cov tub ntxhais kawm hauv kev tsim cov txuj ci vuam, kho lub cav me me thiab tu, thiab lub zog ua liaj ua teb. Cov tub ntxhais kawm yuav tsum tsim ib qhov project los nthuav tawm ntawm cov rooj sib tham hauv zos thiab hauv cheeb tsam.

## Landscape and Environmental Design

**521701** (GUHS)

**Qib:** 11 **Caijnyoog:** Xyoo

**HS Grad Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Environmental Horticulture

**CTE Pathway (theem):** GEO Academy (concentrator)

**Piav txog Kev Kawm:** Lub homphiaj ntawm txoj kev kawm no qhia cov tub ntxhais kawm txog qhov chaw kev kawm ntawm landscape thiab txoj kev tsim kho ib cheeb tsam ntawm thajchaw. Cov haujlwm loj muaj xws li zej zog cov chaw ua si mus rau cov chaw qabvav tsibtaug, qabtse qaumtse ntawm cov tsev, ntawm hav dej txoj kev rov txhim kho kom zoo rau tsiaj txhu tau nyob mus rau txoj kev npaj tsim kho dav thiab loj li ib lub nroog. Cov menyuum kawmntawv yuav tsim muaj ib txoj kev faj paub txog tibneeg txoj kev ua neeg nrog thajchaw lawv nyob thiab lawv muab thajchaw ntawd hloov tau mus zoo li cas. Txoj kev qhia ntawv yuav piav txog cov fab chaw kev kawm muaj raws li: cov khoom ntawm txoj kev yuav siv los tsim, keebkwm ntawm toj roob hauv pes, kev tsim kho vajtse, kev txheeb npe ntawm cov nroj tsuag, kev kos daim duab qauv rau ib txoj kev tsim, kev kos duab tsuag tsuag, thiab computer kev tsim. Lawv yuav los tshawb txog cov haujlwm yav tom ntej zoo xws li txoj kev tsim kho vajtse qab vaj tsib taug, txoj kev tsim kho ib cheeb tsam thajchaw thiab engineering. Cov menyuum kawmntawv kuj yuav siv lawv cov kev paub txog thiab cov kev txawj hauv ib txoj haujlwm loj uas lawv tsim tau los kho lawv lub tsevkawm thiab lub zej zos kom zoo nkauj.

## Law Enforcement 1

**721022** (GUHS)

**Qib:** 10 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Criminal Justice 1 preferred, but not required

**CTE Pathway (theem):** Criminal Justice Academy (introductory)

**Piav txog Kev Kawm:** Lub homphiaj ntawm lub chavkawm no yog qhia rau cov menyuum kawmntawv txog ntau hom haujlwm ua nyob rau hauv cov fab chaw kev ua ntawm Law Enforcement thiab lwm yam haujlwm txheebze kev txawj paub txoj cai thiab cov chaw kev txhawb ntawm haujlwm uas yuav tsum muaj los tswj tau

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qee lub chav ua haujlwm lossis tuam txhab. Txoj kev kawm no muab rau cov menyuum kawmntawv cov kev txawj los pab tau lawv xeeb dhau cov kev xam phaj hais lus uas yog txheeb ze rau cov haujlwm theem xub pib nyob hauv cov fab kev kawm no. Tus txheej txheem kev ncaj ncees tswj kev txhaum cai lij choj yog siv los qhia txog thaum ntes tau tus neeg uas xam hais tias ua txhaum mus rau qhov xaus kawg nkaus ntawm txoj kev txiav txim. Cov menyuum kawmntawv yuav kawm txog txoj kev tseemceeb ntawm Meskas tus txhooj lij choj tswj cai kav lub tebchaws U.S. constitution nrog rau pep lub xeev cov cai

## Law Enforcement 2

**731022** (GUHS)

**Qib:** 11 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Law Enforcement 1

**CTE Pathway (theem):** Criminal Justice Academy (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm no tshuaj xyuas txog tus txhooj cai lijchoj kav lub tebchaws qhov uas kev xaiv ib tog (constitutional basis) thiab tus qauv ua haujlwm ntawm Meskas tus txheejtxheem kev tswj cai (US legal system) thiab muab rau cov tub ntxhais kawm txoj kev cobqhia kev tshawbfawb thiab ntawv sau txog kev cai lijchoj. Cov ntsiab lus kev kawm muaj xws li keebkwm kev cai lijchoj, tsoom fww tebchaws thiab lub xeev lub tsev haisplaub cov txheej txheem (court systems), thiab ib txoj kev tshawbfawb txog ntawm Meskas tus txhooj kev ibtxwm tswj cai lijchoj. Txoj kev qhia muaj xws li txoj kev hloov ntawm pejxeem cov cai uas tau lees txais paub txog rau lub caj ntxov ntxov hauv cov kev txhais lus ntawm tus txhooj cai lijchoj kav tebchaws (Constitution) mus rau txoj kev ua tsovrog hauv haivneeg Meskas los txog rau niaj hnuv no. Cov menyuum kawmntawv nyeem thiab tshuaj ntsuam txog cov kev hais plaub muaj uas quav rau kev kawm, sib tham txog cov kev txiav txim uas cuam tshuam rau cov thaj av tseemceeb, ua cov kev tshawb fawb txog kev cai lijchoj, thiab sau cov ntawv txoj kev xav.

## Law Enforcement 3

**741022** (GUHS)

**Qib:** 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Criminal Justice 2

**CTE Pathway (theem):** Criminal Justice Academy (captone)

**Piav txog Kev Kawm:** Hauv txoj kev kawm ntawm no, cov tub ntxhais kawm tshuaj xyuas txog kev tsim tau cov kev cai los tiv thaviv kev nyabxees ntawm pawg haivneeg. Xam nrog ib qho kev tshuaj xyuas pejxeem cov cai thiab cov kev ywjpheej, thiab cov haukev tsev haisplaub thiab cov neeg tsim cai lijchoj daws tus txhooj cai lijchoj kav lub tebchaws cov lus nug. Txoj kev kawm no kuj tshuaj xyuas txog txoj cai tswj pejxeem thiab nws txoj kev siv rau kev ua neej nyob txhua hnuv. Txoj kev qhia muaj xws li txoj kev hloov ntawm pejxeem cov cai uas tau lees paub hauv cov kev txhais lus thaum ntxov ntawm tus txhooj cai lijchoj kav tebchaws (Constitution) dhau plaws tsovrog haiv neeg Meskas (Civi War) los txog rau niaj hnuv no thiab cov hauvpas ntawm kev tshawbfawb txog kev raug cai, sau ntawv thiab sau qhia cov lus txhawb muab qhov twg los. Cov qhua hais lus ntawm Tus Thawj Ceevwm lub Chav Tswj Haujlwm, Lub Chav Tswj Neeg Ceevwm, Lub Chav Tswj ntawm Kev Ncajnrees thiab Tus Kws Lij Choj hauv Nroog Lub Chav Ua Haujlwm tej zaum yuav raug hu tuaj hais lus txog ntau hom fab kev kawm uas txheeb ze txog kev ua txhaum thiab txoj cai tswj pejxeem.

## Marketing & Merchandising

**721011** (RLHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Tsis muaj)

**CTE Pathway:** Entrepreneurship (concentrator course)

**Piav txog Kev Kawm:** Txoj kev kawm hauv kev tshaj tawm thiab muag khoom yog ib txoj kawm nqes tes ua uas yog ib qho twj rau hauv txoj kev loj hlob hauv tsevkawm lagluam Knights Armor. Cov tub ntxhais kawm yuav nthuav ntxiv lawv cov kev paub ua lagluam los ntawm txoj kev siv ntau hom tswv yim kev muag los tsim kev ua lagluam thiab tsim muaj ua haujlwm nrog ntau hom neeg. Cov menyuum kawm ntawv kuj yuav txhim kho lawv cov kev txawj ua haujlwm nrog ib pab pawg thiab yuav kawm ntau hom tswvyim ntxhais muag tau khoom uas tsim tau ib thajchaw ua haujlwm mus tau zoo. Cov ntsiab lus qhia muaj xws li txoj kev pabcuam cov neeg yuav khoom, kev tswj cov khoom, cov tswvyim muag khoom, kev tshaj tawm thiab tus nqe. Cov tub ntxhais kawm kuj yuav los ua haujlwm txhim kho cov kev txawj coj zoo uas yog txhim kho tau los ntawm txoj kev xyaum cov kev txawj ntawm USA Program of Work Career Essentials tus txheejtxheem qhia. Txoj kev kawm ntawm no muaj cov sijhawm ua haujlwm ntxiv uas tseev kom ua nyob cov caij noj sus thiab hauv ntau hom kislas kev sib tw.

## Multimedia Sound Production

**721008** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grade Req:** Fine Arts **UC/CSU a-g:** F: Music

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway:** Multimedia Production (concentrator)

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yuav npaj koj rau ib txoj haujlwm nyob kev tsim kho suab (sound engineering) lossis rau cov tuamtxhab kaw nkauj thiab kuj muab cov kev kawm kev paub uas tsis muaj dabtsi yuav pauv tau rau nram tsev-cov chaw neeg tsim nkauj uas muaj lub homphiaj yuav ua kom cuag nkag rau hauv cov pabpawg ntaus nkauj thiab hu nkauj thiab cov pabpawg suabpajnrug (ensembles). Pro Tool yog qhov uas siv nyob hauv chavkawm tam li yog qhov twj kaw suab, tiamsis txoj kev kawm yuav rau siab qhia txog cov kev siv cov microphones nrog cov tibneeg ntaus suabpajnrug thiab hu nkuaj (musicians) cov suab thiab cov kev kho sib xyaws cov suab, lub chav kho suab thiab kev xyaum kaw suab.

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## Advanced Multimedia Sound Production

731008 (GUHS)

**Qib:** 11-12 Caijnyoog: Xyoo

**HS Grade Req:** Fine Arts **UC/CSU a-g:** F: Music

**Kev Kawm Ua Ntej:** Multimedia Sound Production

**CTE Pathway (theem):** EntreprenMultimedia Production (capstone)

**Piav txog Kev Kawm:** Hauv chavkawm txheejsiab ntawm kev kaw suab, cov tub ntxhais kawm tshuaj xyuas lub kho nkauj uas loj loj (large-format console signal flow) uas siv ntau cov suab txawv thiab cov twj console hauv computer, tshawb nrhiav kawm txog cov kev txawj ntaus lub microphone thiab cov kev siv nyob hauv pawg suabpajnrug ensemble, thiab rov los xyaum thiab muab kev pab ntxiv rau cov txheej txheem kev ua txoj haujlwm zoo. Qhov kev txawj ua lub suab koos (advanced drum miking), ntu ua raws (session flow), teev ntawv tseg, thiab kev sib piv cov microphone thiab qhov kev xaiv lawv muaj qhia rau.

## Science for Sustainable Agriculture

731036 (RLHS)

**Qib:** 11-12 Caijnyoog: Xyoo

**HS Grad Req:** Science **UC/CSU a-g:** D

**Kev Kawm Ua Ntej:** Chemistry thiab Kev Ua Liaj Ua Teb

**CTE Pathway (theem):** Agriscience Academy Farm to Fork (concentrator)

**Piav txog Kev Kawm:** Lub chavkawm uas tau coj los tso uake, nws coj ib txoj kev qhiantawv ntawm ntau yam kev kawm los uake los siv rau kev tshawbfawb chavsim thiab kev tshawb fawb nrog cov tswvyim kev cai tswj qoobloo. Siv cov kev txawj thiab cov tswvyim kev cai kawm tau hauv txoj kev kawm ntawm no, cov tub ntxhais kawm yuav tsim cov systems thiab ua cov kev sim los daws kev tswj qoobloo cov teebmeem uas cov tuamtxhab loj tab tom ntsib. Dua li ntawm no ntxiv, cov menyuam kawm yuav xam pom txog cov khoom uas tsim tau hauv chavkawm ntawm no nrog rau lub tuamtxhab loj cov haujlwm los saib seb puas yuav muaj kev sib txheeb lidas uas tseeb tiag thiab nqes tes ua cov kev txawj uas cov tsevkawm txheejsiab thiab chaw haujlwm lawv ntshaw. Txoj kev kawm nyob rau qhov theem siab nrog ib txoj haujlwm loj kev tshawbfawb qhov kev sim ntawm Agriscience uas yog cov tub ntxhais kawm yuav tsim thiab ua ib qho kev sim los daws ib qho teebmeem uas yeej muaj tiag. Cov haujlwm loj qhov kawg yuav muaj qhov tsimnyog tau coj los sib tw rau hauv cov koom txoos Career Development Event ntawm FFA. Thaum pib mus txog rau thaum xaus ntwam txoj kev kawm, cov tub ntxhais kawm yuav tau qhabnee raws li lawv txoj kev koom nrog hauv intra- curricular FFA cov kev ua nrog rau hauv txoj kev loj hlob thiab kev saibxyuas ntawm Supervised Agricultural Experience (SAE) ib lub program uas tseem khiav.

## Small Business Entrepreneurship

731001 (RLHS)

**Qib:** 11-12 Caijnyoog: Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Marketing and Merchandising

**CTE Pathway:** Entrepreneurship (capstone course)

**Piav txog Kev Kawm:** Txoj kev kawm Small Business Management qhia txog cov theem txheejsiab ntawm kev txawj khiav ib lub lagluam. Cov tub ntxhais kawm ntawm txoj kev kawm ntawm no kawm los mus nqes tes ua cov dejnum tswj uas nyob theem siab zog. Cov dejnum ntawm no muaj xws li hauv tsevkawm qhov lagluam Knights Armor uas nws muaj qee ob peb lub npe txawv. Cov menyuam kawm txoj dejnum kuj yog los saib xyuas txoj kev yus yuav khoom, lawv yuav, siab cov khoom nyob txhij txhua, thiab sojntsuam kev lagluam cov nyiaj. Lwm cov chaw ntawm txoj kev txhim kho yog xa/txais tau, kev pabcuam cov neeg tuaj yuav, kev tivthaiv tsis pub ua khoom pawv, kev tswj qhov phomsij, thiab kev tswj cov neeg ua haujlwm. Cov tub ntxhais kawm kuj yuav los ua haujlwm txhim kho cov kev txawj coj zoo uas yog txhim kho tau los ntawm txoj kev xyaum cov kev txawj ntawm USA Program of Work Career Essentials tus txheejtxheem qhia. Txoj kev kawm ntawm no muaj cov sijhawm ua haujlwm ntxiv uas tseev kom ua nyob cov caij noj sus thiab hauv ntau hom kiskas kev sib tw raws li hauv ib qho kev tswj ua tau.

## Sports Academy 2

731020 (GUHS)

**Qib:** 11 Caijnyoog: Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Sports Medicine 1

**CTE Pathway:** Sports Health Academy (concentrator)

**Piav txog Kev Kawm:** Hauv txoj kev kawm nruabnrab nawm no, cov tub ntxhais kawm yuav tshawb nrhiav kawm txog tibneeg pobtxha, nqaij thiab leeg, thiab Kinesiology (txoj kev kawm txog yam muaj feemxyuam rau lub cev txoj kev nyobzoo). Ntxiv thiab, menyuam kawmntawv yuav los kawm txog ib yam kev dav ntawm cov tswvyim kho kom zoo rovqab thiab kev saibxyuas ntawm cov kev raug mob uas niaj hnuv ua raug los ntawm kev koom ua si rau hauv cov kev sib tw tes taw kiskas uas muaj xws li cov chaw koog nyob raws nram qab no: neeg sib tw tes taw txoj kev xyaum, daimntawv povthawj tso cai cobqhia kev tu lub cev zoo, daimntawv povthawj tso cai kev siv tshuaj pab qhwv qhovtxab/pab cov neeg uas thaum lawv lub plawv nres CPR, cov kev txawj nrhiav haujlwm/txawj ua cov dejnum hauv chaw ua haujlwm, xovxwm qhia txog kev sib tw tes taw (GSPN), kev khiav lagluam thiab kev tswj koomtxoos.

# Cov Kev Piav Txog Kev Kawm – Career Tech Ed

## **Sports Academy 3**

**741020** (GUHS)

**Qib:** 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Sports Academy 2

**CTE Pathway:** Sports Health Academy (capstone)

**Piav txog Kev Kawm:** Hauv txoj kev kawm txheej siab no, koj yuav tshawb kawm txog cov cibfim xyaum ua haujlwm thiab kev tswj cov kev tshwmsim hauv cov kev sib tw tes taw kev kho mob, kev xovxwm kisas thiab kev tswj. Ntxiv thiab, koj yuav kawm txog cov txheej kev ncaj ncees thiab cov ntsiab lus kev kawm hauv kev xovxwm, kev kho mob thiab kev tswj hauv cov kev sib tw tes taw uas yog muaj raws li nraim qab cov chaw no: cov kev txawj ua coj, cov teebmeem ntsig txog kev yog thiab kev ua ncajnrees hauv cov kev sib tw tes taw, txoj kev muag/nthuav tawm hauv kev sib tw tes taw, daimntawv povthawj tso cai kev siv tshuaj pab qhww qhov txhab/pab cov neeg uas thaum lawv lub plawv nres CPR, cov kev txawj nrhiav haujlwm/ txawj ua cov dejnum hauv chaw ua haujlwm, xovxwm qhia txog kev sib tw tes taw kev tsim lagluam thiab kev tswj nyiaj xtiag thiab xovxwm kev sib tw tes taw kisas.

## **Sports Medicine 1**

**721020** (GUHS)

**Qib:** 10 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway:** Sports Health or Sports Health Academy (introductory)

**Piav txog Kev Kawm:** Cov tub ntxhais kawm yuav kawm txoj cov kev kawm pib hauvpaus thiab cov kev txawj tsimnyog rau ntawm fab kev kawm txoj kev xyaum tes taw txuj ci. Txoj kev qhia ntawv muaj xws li piav txog cov hauvpaus kev kawm ntawm lub cev thiab nws cov kev ua haujlwm, kev kho thiab saibxyuas ntawm cov kev raug mob los ntawm kev sib tw tes taw txuj ci, saibxyuas tam sim ntawd thiab ib ntu, ntev mi ntsis ntawm cov raug mob, txoj kev noj cov zaub mov zoo rau lub cev, kev kawm txog lub hlwb thiab cwjpw hauv kev sib tw tes taw, chav xyaum/txoj kev xyaum tswj hauv chav ua haujlwm, cov txheej txheem kev ua, cov qauv thiab cov kev ncaj ncees uas yog ethics. Ntxiv thiab, cov menyuam kawmntawv yuav kawm txog cov hauv muaj rau cov haujlwm nyob rau fab chaw kev sib tw tes taw kev kho mob.

## **Sports Medicine 2**

**731024** (FHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** D

**Kev Kawm Ua Ntej:** Sports Medicine/Kinesiology

**CTE Pathway:** Sports Medicine (capstone)

**Piav txog Kev Kawm:** Hauv txoj kev kawm ntawm no, cov tub ntxhais kawm yuav tshawb nrhiav kawm txog txhua yam ntawm tibneeg lub cev cov systems. Dua li ntawm no ntxiv, rau txhua lub cev qhov system, cov menyuam kawmntawv yuav kawm txog ntau cov kev saibxyuas kev nojqab nyobzoo uas muaj raws li nram qab ntawm cov pabpawg: tibneeg lub cev cov systems cov kab mob, kev kho mob cov lo lus siv, cov haujlwm hauv kev saibxyuas kev nojqab nyobzoo, kev pabcuam kev nojqab nyobzoo, daimntawv povthawj tso cai cobqhia kev tu lub cev zoo, kev cobqhia, daim ntawv povthawj tso cai kev siv tshuaj pab qhww qhovtxhab/ pab cov neeg uas thaum lawv lub plawv nres, povhwm kev muaj mob, xovxwm qhia txog kev sib tw tes taw, thiab kev tswj kev sib

tw tes taw. Txoj kev kawm ntawm no muab cov cibfim kev xyaum ua haujlwm nrog ntau hom tsevkawm theem siab cov pabpawg sib tw tes taw.

Cov Tshuaj Kho Mob / Kinesiology

721021 (FHS)

**Qib:** 10 -11 **Duration:** Xyoo

**HS Qib Req:** Electives **UC/CSU a-g:** D: Lab Sci

**Yam yuavtsum tau kawm uantej:** Biomedical Science

**CTE Pathway:** Kev Ua Si Ntaus Pob (cov chav kawm concentrator)

**Course Description:** Hoob no yuav siv ib txoj hauv kev los kawm txog tib neeg txoj kev txav uas tuaj yeem ua rau muaj kev nkag siab txog kev noj qab haus huv thiab kev tawm dag zog. Ib qho kev nthuav dav ntawm txoj hauv kev ua haujlwm hauv kev qhia, kev cob qhia, kev noj qab haus huv sib koom ua ke, thiab kev ua haujlwm qoj ib ce yuav raug them. Kev tsom mus rau kev siv cov tswv yim no ua cov kws kho mob hauv kev ua kis las, kev tawm dag zog, thiab kev txav mus los. Cov chav kawm no ua tau raws li cov txheej txheem rau Kev Tshawb Fawb Txog Kev Noj Qab Haus Huv thiab yog qhov yuav tsum tau ua ua ntej rau Cov Tshuaj Kho Mob 2.

## **Theatre Production 1**

**721003** (GUHS)

**Qib:** 10-11 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** F

**Kev Kawm Ua Ntej:** Tsis muaj

**CTE Pathway:** Theatre (concentrator)

**Piav txog Kev Kawm:** CTE qhov kev kawm ntawm no pib qhia txog ntau hom haujlwm kev txawj hauv kev ua yeebyam saum samthiaj. Cov tub ntxhais kawm yuav kawm txog ntau tus qauv haujlwm kev txawj ntawm Broadway mus rau ib cheeb chaw loj mus rau zej zog lub tsev samthiaj los qhia tau cov kev xyaum uas yeej tsim tau los lawm thiab cov hauvpaus muaj peevxwm ua tau uas tseev kom muaj thiaj li los tsim tau ib lub samthiaj zoo. Txoj kev kawm ntawm no nyob rau qhov siab tshaj thaum nrog ib qho kev ua yeebyam nyob ua ntej ntawm ib co neeg tab tom saib. Cov tub ntxhais kawm uas tau xamphaj dhau yuav tau los ua cov neeg ua yeebyam rau lub caij ntuj nplooj ntoos zeeg thiab /lossis lub caij ntuj nplooj ntoos hlav rau hauv lub tsev ua yeebyam cov kev tsim.

## **Work Experience Education, CTE**

**73027** (Tagnhro Cov Tsevkawm)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Yuav tsum tau rau npe kawm CTE Pathway

**Piav txog Kev Kawm:** Qhov Career Technical Work Experience Education (CTWEE) txoj kev kawm yog tsim los txhawb nqa cov tub ntxhais kawm rau ntau hom kev ua haujlwm-uas txuas rau ib co chaw kev kawm thiab cov haukeiv taug hauv TRUSD. Cov menyuam kawmntawv rau npe kawm rau hauv cov kev kawm concentrator lossis capstone lawv muaj qhov tsimnyog tau CTWEE txoj kev kawm thaum uas lawv nyob rau hauv ib qho kev xyaum

ua haujlwm nrog txoj haujlwm uas lawv xaiv thiab tau kev tso cai los ntawm lawv tus xibfwb CTE/tus neeg ua lub luag haulwm CTE. Qhov CTWEE txoj kev kawm muab ntxiv cov cibfim rau cov tub ntxhais kawm los tshawbfawb thiab tsim ib lub tswvyim npaj hauv qhov chaw uas lawv tau xaiv thiab nyiam vim nws pab txhawb ntxiv thiab txuas ntxiv cov kev txawj uas kawm tau los ntawm chavkawm txoj kev qhia uas muab ntau yam sibtxheeb los qhia uake rau hauv WEE thiab muaj neeg saib, them ua haujlwm rau hauv txoj haujlwm ua lossis koog tuamtxhab uas lawv tau pib npaj rau.



## Cov Kev Piav Txog Kev Kawm - Electives

### Electives (Cov Kev Xaiv)

KEV KAWM	ZAUV	CCAA	FHS	GUHS	HHS	KHS	PHS	RLHS	VNHS
Academic Decathlon	610018							X	
AFJROTC	611012				X				
Aide: Counselor, Teacher, Librarian, Office Clerk	611007		X	X	X			X	X
Anthropology	231008			X				X	
AP Computer Science A	611038			X					
AP Psychology	233005			X					
JROTC Army	611011							X	
JROTC PRG	611010			X					
Avid 9	611002		X	X	X			X	
Avid 10	621002		X	X	X			X	
Avid 11	631002		X	X	X			X	
Avid 12	641003		X		X			X	
Career and Life Mgt	611004		X				X		X
Foothill Seminar	611009		X						
Newspaper Journalism	611008		X				X	X	
Peer Tutor	651002			X	X				
Public Speaking Beg	611020			X					
Public Speaking Adv	611037			X					
Student Leadership	611016		X	X				X	X
Work Experience	631027		X	X	X			X	
Yearbook	611019		X	X			X	X	X

# Cov Kev Piav Txog Kev Kawm – Electives

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## Academic Decathlon

**610018** (RLHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** The Academic Decathlon yog ib qho kev kawm npaj rau 10-lub koomtxoos kev sib tw txuj ci cov kev kawm rau tsevkawm theem siab cov tub ntxhais kawmntawv. Txhua lub tsevkawm theem siab muaj 9 tus menyuam kawm los ua ib pawg nkag rau txoj kev sib tw: 3 tug Honor menyuam kawmntawv lossis nyob theem qhabnee “A”, 3 tug Scholastic menyuam kawmntawv lossis nyob theem qhabnee “B”, thiab 3 tug Varsity menyuam kawmntawv lossis nyob theem qhabnee “C”. Cov menyuam kawmntawv sib tw nyob rau ib lub koomtxoos txhua xyoo uas yog tuav los ntawm Sacramento lub Chav Ua Haujlwm ntawm Kev Kawmntawv (SCOE) uas yog cov menyuam xeeb cov kev xeeb nyob rau cov kev kawm no: Economics, Duab, Suab Paj Nruag, Zauv, Science, Askiv thiab Ntawv Txuj Ci, Kev Xamphaj, Hais Lus, Sau Ntawv Essay, thiab Super-quiz. Nyob rau hauv chavkawm no cov menyuam kawmntawv kawm cov kev txawj saib ntawv uas muaj txiaj ntsim, thiab qhia rau lawv txoj kev paub txog ntawm lwm cov kev qhia muaj rau. Cov menyuam kawmntawv yuav tsum yog cov neeg pib nws tus kheej, cov neeg kawm tau nyob nws tus kheej thiab muaj kev rausiab heev mas thiaj li yuav los sib tw tau nyob rau theem no.

## AFJROTC

**611012** (HHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txhua ntu kev kawm ntawm ROTC yog tsim tau zoo li ib chavkawm qhia Aerospace Science (AS) 1-4. Lub koomhaum no yog tsevkawm theem siab ib lub koomhaum uas los kho pejxeem kom zoo zog ntxiv thiab kom lawv rau siab ua haujlwm tshaj ntxiv. Cov menyuam kawmntawv yuav kawm los fwm nws cov phoojywg thiab kom nws cov phoojywg fwm nws, kawm txog cov kev txawj ua coj, kev feem xyuas haujlwm, kev ntseeg tus kheej tus peevxwm, kev hlub tshua sawv cev tiv thaviv lub tebchaws, kev txawj siv thiab ceev sijhawm, thiab txoj kev paub txog tus kheej nyob hauv ib pabpawg ho zoo licas.

## Aide: Counselor, Teacher, Librarian,

**611007** (FHS, GUHS, HHS, RLHS, VNHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Elective **UC/CSU a-g:** NA

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Cov tub ntxhais kawm hauv txoj kev kawm ntawm no raug xaiv los mus pab ib tug xibfwb, ib tug counselor, ib tug kws tswj chav saibntawv, lossis ib tug neeg ua haujlwm teev ntawv pem chav ua haujlwm. Cov menyuam kawm raug xyaum ntau cov kev txawj thiab muaj cov dejnum saib xyuas los pab txoj haujlwm ntawm lawv txoj haujlwm Pab. Cov tub ntxhais kawmntawv yuav tsum muaj ib txoj kev txaus siab hlo los ua haujlwm, ua raws li cov lus qhia, ua tam sim ntawd, thiab pom tus kheej paubtab thiab ntaus thawj.

## Anthropology

**231008** (GUHS, RLHS)

**Qib:** 10 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Anthropology yog txhais hais tias yog txoj kev tshawbfawb thiab kev kawm txog ntawm tibneej ntiajteb thiab yog ib txoj kev kawm loj nyob rau hauv cov tsevkawm txheejsiab nyob thoob plaws lub ntiajteb no. Txoj kev kawm ntawm no tsom qhov tseemceeb rau ntawm txoj kev kawm txog tibneej ntiajteb tam li yog ib tug xwb uas siv cov tswvyim kev sib piv thiab txoj kev txhim kho ntawm cov tswvyim ntawm kab li kev cai. Txoj kev kawm ntawm no muaj ntau yam uas sib tshooj nrog tagnrho cov kev kawm social sciences thiab ntau cov chaw kawm hauv biological sciences. Kev kawm cov ntsiab lus muaj xws li lub neej phaum neeg qub, txoj kev sibtham ua nkauj nraug, txoj kev sib sau los ua neej uake thiab tsevneeg cov hauvpaus ntawm kev tsim tau ntau hom haiv neeg thiab hom neeg cov kev ntseeg ntawm tibneeg, yam tsis nyob hauv lub ntiajteb no, txoj kev pib ntawm tibneeg ua pabpawg thiab tibneeg txoj kev ua neeg yug mus rau thaum tuag.

## AP Computer Science A

**611038** (GUHS)

**Qib:** 10-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Mathematics, Computer Science

**Piav txog Kev Kawm:** AP Computer Science A muaj nqe tibyam li tsevkawm txheejsiab theem kev kawm hauv computer science ntawm thawj nrab-xyoo kawm. Txoj kev kawm ntawm no pib qhia cov tub ntxhais kawm txog computer science cov hauvpuas ntsiab lus uas muaj xws li: daws teebmeem, cov tswvyim tsim thiab cov tswvyim tus txheejtxheem, txoj kev tso cov ntaubntawv tshawbfawb tau los kom zoo (ntaubntawv cov quav tso nyob chaw), cov haukeev los mus khiav cov ntaubntawv (algorithms), tshuaj xyuas qhov uas tejzaum yuav daws tau qhov teebmeem, thiab cov kev xam pom txog ntawm kev ua ncaincees thiab kev ua neej nyob ntawm txoj kev siv computing. Txoj kev kawm tsom qhov tseemceeb rau ob qho khoom –tig raws qhov daws teebmeem thiab qhov tseemceeb daws qhov teebmeem thiab tsim uas siv lus Java. Cov tswvyim kev ua ntawm no sawvcev ua qhov povthawj rau ntawm cov haukeev los mus daws cov teebmeem uas hloov tau ntawm cov teebmeem uas me thiab yoojyim mus rau cov teebmeem uas loj thiab nyuaj. Qhov AP Computer Science A txoj kev kawm tus txheejtxheem qhia ntawv yog sivnyog nrog ntau cov CS1 kev kawm hauv cov tsevkawm txheejsiab colleges thiab universities.

# Cov Kev Piav Txog Kev Kawm – Electives

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## AP Psychology

233005 (GUHS)

**Qib:** 10 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** Pending

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm AP Psychology qhia rau cov tub ntxhais kawm txog tus txheejtxheem thiab txoj kev tshawbfawb kev kawm txog tibneeg cwjpwmm thiab lub hlwb kev ua haujlwm. Nyob rau lub caij ntawm txoj kev xam pom txog cov neeg txawj fab kev kawm no thiab cov kev tshawbfawb uas txhim kho txoj kev kawm ntawm no, cov menyuam kawmntawv yuav los tshawb thiab siv cov kev ntseeg uas muaj povthawj nyob rau txoj kev kawm no, cov ntsiab lus tseemceeb thiab cov kev tshwmsim txheebze nrog cov ntsiab lus kev kawm xws li txoj kev pom txog tus cwjpwmm zoo lcas los ntawm kev saib roj ntsha, txoj kev xav ua thiab txoj kev pom/hnov txog, txoj kev ntsuamxyuas thiab yam sibtxawv ntawm tibneeg, txoj kev kawm thiab kev totaub, kev muaj siab ua, kev loj hlob ntawm kev kawm txog lub hlwb ua haujlwm thiab cwjpwmm, kev ntsuamxyuas thiab yam sibtxawv ntawm tibneeg, txoj kev kho tus mob cwjpwmm koj tsis tus thiab kev kawm txog lub hlwb ua haujlwm thiab cwjpwmm hauv kev ua neej.

## Army JROTC LET 1

611010 (GUHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** JROTC pab koj txhim kho koj cov kev txawj ua koj nrog rau txoj kev txaus siab tshaj ntxiv rau ntawm kev ua neeg pejxeem zoo cov feem xyuas, cov cai thiab cov meejmom. Tsis yog ib chavkawm sib xws li txhua chavkawm hauv tsevkawm theem siab, JROTC yog ib chavkawm uas menyuam kawmntawv yog tus koj thiab khiav cov haujlwm kev ua tshwmsim hauv chavkawm kom los tsim txoj kev ua neeg pejxeem zoo thiab kev muaj feem xyuam uas yog siv tubrog cov hauvpaus kev ntseeg xws li muaj kev ncaincees rau, paub txoj dejnum, muaj feem xyuam, cov kev pabcuam lwm tus tsis khuv xim txog tus kheej, ua siab dawb paug, muaj lub samxeeb, thiab tus kheej qhov feem xyuam. Ntawm no txhawb nqa kev kawm ntawv txoj kev kawm tau zoo thiab qhia txog cov hauvpaus ntsiab lus ntawm kev tubrog – siv tau rau ob hom kev haujlwm nyob rau hauv tubrog thiab hauv neeg pejxeem. JROTC qhia ntau heev txog txoj kev pabcuam pub dawb rau hauv zej zog, txoj kev sib tw hauv cov kev kawm ntawv thiab txuj tes taw, thiab kev koomtes hauv pawg.

## Army JROTC LET 2,3 & 4

611011 (RLHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** JROTC pab koj txhim kho koj cov kev txawj ua koj nrog rau txoj kev txaus siab tshaj ntxiv rau ntawm kev ua neeg pejxeem zoo cov feem xyuas, cov cai thiab cov meejmom. Tsis yog ib chavkawm sib xws li txhua chavkawm hauv tsevkawm theem siab, JROTC yog ib chavkawm uas menyuam kawmntawv yog tus koj thiab khiav cov haujlwm kev ua tshwmsim hauv chavkawm kom los tsim txoj kev ua neeg pejxeem zoo thiab kev muaj feem xyuam uas yog siv tubrog cov hauvpaus kev ntseeg xws li muaj kev ncaincees rau, paub txoj dejnum, muaj feem xyuam, cov kev pabcuam lwm tus tsis khuv xim txog tus kheej, ua siab dawb paug, muaj lub samxeeb, thiab tus kheej qhov feem xyuam. Ntawm no txhawb nqa kev kawm ntawv txoj kev kawm tau zoo thiab qhia txog cov hauvpaus ntsiab lus ntawm kev tubrog – siv tau rau ob hom kev haujlwm nyob rau hauv tubrog thiab hauv neeg pejxeem. JROTC qhia ntau heev txog txoj kev pabcuam pub dawb rau hauv zej zog, txoj kev sib tw hauv cov kev kawm ntawv thiab txuj tes taw, thiab kev koomtes hauv pawg.

## AVID 9

611002 (FHS, GUHS, HHS, RLHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** AVID yog ib lub koomhaum txawv thiab zoo uas tsim tau los pab cov menyuam kawmntawv npaj rau tsevkawm txheejsiab. Txoj kev qhia ntawv no qhia raws li txawv tebchaws tus qauv AVID thiab hloov mus mus los los ntawm AVID plaub lub tswvyim tseemceeb: Sau ntawv, cov tswvyim rau kev vammeej, Tsevkawm Txheejsiab thiab cov haujlwm, thiab Txoj kev koomtes sib pab qhia ntawv.

## AVID 10

621002 (FHS, GUHS, HHS, RLHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** AVID 9

**Piav txog Kev Kawm:** AVID yog ib lub koomhaum txawv thiab zoo uas tsim tau los pab cov menyuam kawmntawv npaj rau tsevkawm txheejsiab. Txoj kev qhia ntawv no qhia raws li txawv tebchaws tus qauv AVID thiab hloov mus mus los los ntawm AVID plaub lub tswvyim tseemceeb: Sau ntawv, cov tswvyim rau kev vammeej, Tsevkawm Txheejsiab thiab cov haujlwm, thiab Txoj kev koomtes sib pab qhia ntawv.

# Cov Kev Piav Txog Kev Kawm – Electives

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## AVID 11

**631002** (FHS, GUHS, HHS, RLHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** AVID 10

**Piav txog Kev Kawm:** AVID yog ib lub koomhaum txawv thiab zoo uas tsim tau los pab cov menyuam kawmntawv npaj rau tsevkawm txheejsiab. Txoj kev qhia ntawv no qhia raws li txawv tebchaws tus qauv AVID thiab hloov mus mus los los ntawm AVID plaub lub tswvyim tseemceeb: Sau ntawv, cov tswvyim rau kev vammeej, Tsevkawm Txheejsiab thiab cov haujlwm, thiab Txoj kev koomtes sib pab qhia ntawv.

## AVID 12

**641003** (FHS, HHS, RLHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** AVID 9, 10, & 11

**Piav txog Kev Kawm:** Ntawm no yog ib txoj kev kawm AVID nyob theem txheejsiab thiab yuav tsoom txoj kev kawm rau cov kev txawj nyob rau theem tsevkawm txheejsiab ntawm nyeem ntawv, sau ntawv, thiab hais lus nrog rau mi ntsis ntawm txoj kev rov los saib txog cov kev txawj saib ntawv. Nyob rau hauv chavkawm no, muaj txoj kev cia siab hais tias cov tub ntshais kawm yuav txawj ua twb zoo sau cov ntawv nco uas piav txhij txhua cov ntsiab lus lawv kawm tau nyob rau hauv lawv cov chavkawm thiab tuaj rau txoj kev kawm no nrog kev npaj muaj txhij txhua. Txoj kev qhia ntawv no ua raws li txawv tebchaws txoj kev kawm AVID tus qauv.

## Career and Life Management

**611004** (FHS, PHS, VNHS)

**Qib:** 9 - 12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Cov menyuam kawmntawv yuav kawm txog kev npaj tsim homphiaj, cov kev txawj ua haujlwm, paub nyeem txog cov ntawv qhia nyiaj, txoj kev kawm txog kev nyuav khoom, thiab txoj kev tswj lub neeg. Cov menyuam kawmntawv yuav kawm tau cov kev txawj sau daimntawv resume (ib daimntawv qhia txog tus kheej cov kev txawj, cov kev ua coj thiab cov koomhaum tau koom nrog, thiab lwm yam sib xws), txoj kev txawj teb cov lus nug thaum xamphaj, txoj kev tswj nyiaj hauv tuamtxhab rau nyiaj checking thiab txoj kev tswj cov kev txais nyiaj credit, tus tib neeg yuav khoom cov cai thiab nws cov dejnum feemxyuam.

## Foothill Seminar

**611009** (FHS)

**Qib:** 9 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Zoosiab txais tos rau FOOTHILL SEMINAR. Txoj kev kawm no yog tsim tau los muab txoj kev pab rau cov menyuam kawmntawv nyob rau qib 9th uas yog lawv yuav pib kawm txoj lawv txoj haujlwm nyob rau tsevkawm theem siab. Peb yuav txoj kev qhia ntawv ntawm Career Choices los: txheeb tus kheej cov kev muaj, cov kev ntseeg vim li cas thiaj li tseemceeb rau txoj kev ua haujlwm thiab cov hom cwjpwv kev ua haujlwm. Los tshawb tus kheej cov homphiaj, tsim tus kheej ib lub zeem muag rau txoj kev vammeej thiab totaub cov kev ntseeg vim li cas kev kawmntawv thiaj li tseemceeb. Los tshawb txog cov haujlwm thiab haujlwm cov hau kev taug muaj xws li kev kawmntawv tom qab tsevkawm theeb ob uas yog cov tsevkawm txheejsiab thiab/lossis txoj kev kawm ib txoj haujlwm. Los tsim tus kheej ib lub Tswvyim 10-Xyoo Npaj Tseg uas yog cov menyuam kawmntawv, cov niam txiv, cov xibfwb thiab cov counselors thiaj li tau siv nyob rau lub caij kawm ntawv nyob rau tsevkawm theem siab thiab rau yav tom ntej. Cov tswvyim kev kawm tau thiab cov dabneeg txheeb ze rau ntawm txoj kev ua tau thiab lawv txoj kev vam meej lawm. Ntxiv thiab, peb yuav muab cov kev txhawb xws li cov kev pab qhia ntawm ib toj ib thiab cov phoojywg kev pab. Los txhawb txoj kev ua tiav ntawm ib xyoos kev kawm ntawv vam meej.

## Forensics Science

**431004** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** College Prep Elective **UC/CSU a-g:** G

**Kev Kawm Ua Ntej:** Chemistry and Intergrated Math 2

**Piav txog Kev Kawm:** Qhov ntawm no yob ib qho kev kawm pib qhia txog forensic science (kev tshuaj xyuas siv kev tshawb fawb los daws teebmeem). Kev cai lijchoj thiab kev tshawb fawb cov kev lolus siv thiab cov kev siv ntawm cov ntawd coj los kawm txog. Science ho coj los siv licas rau hauv kev cai yuav coj los qhia txog. Qhov kev txheeb ntawm cov khoom tsis paub yog dabtsi uas yog siv kev tshawb fawb txoj kev tshuajxyuas (scientific analyses) yog ib qho tseev kom coj los siv. Txo kev kawm ntawm no muaj nrog ib cov kev qhia ntawv uas piav dav dav txog ntau yam uas muaj qhov kev pib qhia txog cov ntaubntawv kev kawm, ua rau pom hais cov ntawd zoo licas, thiab tau lub cibfim los siv tes nqes tes xyaum ua ntawm qhov ntawd.

# Cov Kev Piv Txog Kev Kawm – Electives

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## Intro to Business

### IBUS 300

**248012** (FHS, HHS, RLHS, CCAA, GUHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo

**HS Grad Req:** Econ **UC/CSU a-g:** Transferable

10 HS Credits thiab 3 college semester units

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib qho muaj ntau qhov chaw kev kawm sibxyaws uake txoj kev tshawb fawb ntawm kab li kev cai, haivneeg ntawm no, cov txheej txheem tswj kev nyiaj xiaj khiav hauv lub tebchaws, kev cai lijchoj, txawv tebchaws, political (nom tswv kev tswj), cov tuamtxhab tswj nyiaj xiaj, thiab tibneeg cwjpm sib khiav haujlwm uake ho los cuam txhuam raug rau ib lub tuamtxhab kooshaum twg tsab cai thiab cov kev khiav haujlwm nyob hauv US thiab hauv lub ntiaj teb. Qhov ntawm no yog ib qho kev kawm nyob hauv American River College.

## Intro to Social Justice Studies

### SJS 300

**248003** (FHS, HHS, RLHS, CCAA, GUHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo

**HS Grad Req:** Econ **UC/CSU a-g:** Transferable

10 HS Credits thiab 3 college semester units

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ib qho kev pib qhia txog cov hauvpaus tswvim thiab kev ua ntawm kev tswj fwm kev ncaincess thiab kev ua neeg cov txheej txheej khiav haujlwm uas tsim thiab tawm tsam kev quabyuam tsuj nthi. Nws tham txog sociology- kev ua neeg teebmeem, keebkwm, thiab psychology -tibneeg lub hlwb kev xav thiab kev ua, ntawm kev quabyuam tsuj nthi raws li yog neeg tawv nqaj, haivneeg me, raws neeg muaj thiab pluag, yog pojniam txivneeg, kev paub sib nyiam, thiab lwm pabpawg hom neeg hauv United States thiab cov kev tshwm sim tawm tsam kev ncaincess raws li tau tuaj ntu zus los mus rau txoj kev dim muaj kev ywjpheej. Qhov ntawm no yog ib qho kev kawm nyob hauv American River College.

## Mediated Communication

### SPEECH 362

**848007** (FHS, HHS, RLHS, CCAA, GUHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo

**HS Grad Req:** Elective **UC/CSU a-g:** Transferable

10 HS Credits thiab 3 college semester units

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsom rau cov kev txawj thiab cov ntsiab lus uas tsimnyog txaus los sibtxuas lus muaj kuab nyob rau hauv online thajchaw. Cov ntsiab lus kev kawm muaj xws li online hauv pawg cov haujlwm thiab cov kev nthuav kev cobqhia thiab cov kev tham lus rau neeg mloog (public speaking), kev xamphaj, cov kev hu tuaj sib sablaj, thiab computer kev sibtxuas lus kev cuam tshuam daws teebmeem nrog lwm tus. Cov tub ntxhais kawm yuav muaj kev cia rau lawv kom lawv siv lawv ntiag tug cov twj kaw yeebyajkiab. Qhov ntawm no yog ib qho kev kawm nyob hauv American River College.

## Newspaper Journalism

**611008** (FHS, PHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Elective **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** N/A

**Piav txog Kev Kawm:** Hauv txoj kev kawm ntawm no, cov tub ntxhais kawm yuav kawm txog kev luam tawm xovxwm uas yog luam tawm hauv tsevkawm cov ntawv. Txoj kev kawm qhia thiab muab cov kev xyaum li nram qab no: qog kev sau ntawv thiab kho ntawv sau, kho cov ntawv sau kev siv kom yog, kev xamphaj; sau cov dabneeg teeb uas ntes tau lawv los nyiam, cov ntawv sau hauv ntawv xovxwm qhia txog nws txoj kev xav, thiab tibneeg cov dabneeg uas lawv nyiam nyeem; cov ntawv sau txoj cov yeebyam ua tau zoo licas, cov phauntawv, thiab cov yeebyajkiab; sau ntawv nrov uas nto npe; siv Microsoft Word, PageMaker rau nplooj kho dua; kev tsim kom daimntawv zoo licas; thiab kev tswj lagluam, nrog cov ntawv tshaj tawm muag khoom/qhia txog lagluam. Cov menyuam kawm kuj yuav qhia rau pom hais tias lawv muaj peevxwm sau tau zoo thaum lawv muaj kev ntshov siab, sau cov ntaubntawv tau los ntawm tus kheej ib leeg, ua tau zoo nrog kev txaus siab koomtes, thiab ua haujlwm tau zoo nrog nws cov neeg ua haujlwm nrog. Cov tub ntxhais kawm yuav kawm paub sau cov ntawv piv qhia, piv raws li dabneeg, piv qhia nrog lub homphiaj kom lawv paub dabtsi, thiab piv kom lawv ntseeg. Cov menyuam kawm yuav kawm txog cov lo lus siv rau hauv kev kawm sau ntawv xovxwm journalism thiab siv lawv los rau lawv cov kev sau thiab cov ntawv xovxwm luam tawm: kablus totaub qhia meej, kev khiav thiab siv nyiaj xiaj, kev kho hloov, kev coj tu, xaiv lus sau, hais ua pajlug, koom uake, sau ntawv piv lo nrog ib tug twg kom ntseeg hais tias yog tseeb, kev siv lus tso chaw, suab, cov neeg nyeem, hais lus mos lossis nchav, thiab kev sau muaj yamntxwv. Los ntawm sau ntawv ntau ntau thiab rov sau dua, co menyuam kawm yuav tsim ib phauntawv portfolio uas tuav cov ntawv sau uas qhia rau pom cov kev txawj ntawm no. Cov tub ntxhais kawm kuj yuav kawm thiab los sau muab tswvim kho rau tsevkawm txheejsiab, tsevkawm theem siab, cov neeg txawj lawv cov ntawv xovxwm thiab nrog rau lawv lub tsevkawm cov xovxwm huvtibi nrog lub homphiaj los txhim kho cov kooshaum ntawm no cov ntawv luam tawm kom zoo ntshov mus. Cov tub ntxhais kawm yuav los raug ntsum xyuas txog lawv txoj kev sau kom tiav raws sijhawm, sau kom yog, thim xav thiab txhim kho, phauntawv cov kev xeem me thiab cov kev xeem loj.

# Cov Kev Piav Txog Kev Kawm – Electives

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## Peer Tutor

**651002** (GUHS, HHS)

**Qib:** 7 - 12 **Caijnyoog:** Xyoo

**HS Grad:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Nrog rau txoj kev saibxyuas ntawm tus xibfwb, lub neeg pab qhia ntawv yuav haujlwm nrog ib tug lossis ib pabpawg me ntawm cov tub ntxhais kawm kom pab txhim kho lawv muaj kev rau siab thiab kawm tau ntawv zoo. Cov menyuam kawm ntawv yuav kev pab xyaum kawm txog xws li cov tswvyim ua, tus txheejtxheem qhia ntawv zoo licas, cov ntaubntawv kawm, thiab cov twj siv hauv chavkawm.

## Public Speaking Beginning

**611020** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Elective **UC/CSU a-g:** G: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no pib qhia rau cov tub ntxhais kawm txog qhov txuj ci tham lus rau pejxeem—tus txheejtxheem khiav dejnum ntawm txoj kev tsim thiab xa tawm ib soblus hais rau ib pawg neeg mloog. Txoj kev tham lus rau pejxeem kom zoo thiab muaj kuab, nws cuam tshuam nrog txoj kev totaub thiab paub txog cov neeg uas tuaj mloog thiab cov homphiaj ntawm txoj kev tham lus, xaiv tej yam ntawm qhov lus hais uas ntxim koj cov neeg yuav nyiam nrog rau ib lub ntsiab lus twg, thiab hais ib soblus tawm tau zoo thiab keej heev.

## Public Speaking Advanced

**611037** (GUHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Elective **UC/CSU a-g:** G: English

**Piav txog Kev Kawm:** Thoob plaws txoj kev kawm, cov tub ntxhais kawm ntawv cia siab rau kev piav cov ntaubntawv thiab cov pivtxwv, muaj nrog ib qho kev faib sibnpaug zos ntawm suab, pom, thiab sau tawv ntawm cov lus hais los qhia txog ntsiab lus thiab cov kev txawj uas tau coj los sibtham. Hauv koog kawm ntawm no, cov tub ntxhais kawm piav txog cov cuabyeej uas siv los tau zoo hauv tiam thaum ub cov txawj tham lus nto npe thiab ntawm tiam tam sim no. Lawv paub txog cov kev cuam tshuam ntawm tiam thaum ub cov kev txawj tham lus nto npe uas thiaj li pom thiab tsim raws li muaj nyob sab ntuj Western txoj kev xav. Lawv tshuaj xyuas txog cov dejnum feemxyuam uas ncajnrees nrog txoj cai muaj kev ywjpheej rau hais lus. Lawv tso, tjoab sov cov kev txawj mloog lus los tshuaj xyuas thiab ntsuam xyuas cov luls hais. Law siv cov kev paub thiab kev totaub ntawm txj kev txawj sibtham lus los tshuaj xyuas cov lus hais. Lawv tshuaj xyuas txog seb tiam ntawm no cov lus hais rau pejxeem hais tau zoo npaum licas uas puas ua rau pejxeem muaj kev xav licas thiab cov tsab cai rau ib lub tebchaws uas muaj democracy, nom tswv kav tebchaws los ntawm feem pejxeem coob pom zoo.

## Student Leadership

**Aide: Counselor, Teacher, Librarian,**

**611016** (FHS, GUHS, HHS, PSH, RLHS, VNHS)

**Qib:** 11-12 **Caijnyoog** Xyoo

**HS Grad Req:** Elective **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Hauv ib thajchaw mua kev koomtes uake, cov tub ntxhais kawm hauv chavkawm ntawm no kawm thiab txhim kho cov kev txawj coj raws li txoj kev kawm cov cai qauv luam tawm los ntawm California Association of Directors of Activities thiab ntawm California Association of Student Leaders. Cov cai qauv ntawm no muaj cov kev txawj hauv kev sibtham, lagluam cov dejnum/kev tswj thiab saib nyiaj, tsoom nom tswv tus txheejtxheem, zej zog cov kev pabcuam, thiab tus kheej/kev loj hlob ntawm kev ua neej. Cov menyuam kawm ntawv kuj yuav tsim thiab siv cov kev txawj koom siab los npaj thiab nqe tes khiav cov koomtxoos muaj hauv tsevkawm los rau cov tub ntxhais kawm thiab rau cov zej zog nyob ib puag ncig nrog txoj kev xav zoo ntawm txoj kev los tu lub tsevkawm thajchaw thiab nws kab li kev cai kom tsuas muaj qhov zoo. Cov tub ntxhais kawm yuav kawm txog yam tseemceeb ntawm kev sibtham lus, tus kheej thiab kev ua neej cov dejnum feemxyuam, cov tub ntxhais kawm pawg khiav ua coj (cov nom tswv), los kawm kev pabcuam, thiab tej yam kev ua lagluam ntawm cov menyuam kawm ntawv cov pabpawg.

## Work Experience

**631027** (FHS, GUHS, HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ib txoj kev kawm xaiv uas yog rau cov tub ntxhais kawm qib kaum-ib thiab kaum-ob uas lawv xav muaj ib txoj haujlwm ua ib nram-sijhawj part-time job. Nws yog ib tug phiajxwm tshwjxeeb uas tsim los txuas nrog lub tsevkawm tus txheejtxheem qhia ntawv (WE class) nrog rau lub ntiejteb cov haujlwm. Cov tub ntxhais kawm hauv tus phaijxwm tsav txoj kev kawm no muab muab tsevkawm theem siab cov qhabnee rau yog lawv tuaj rau hauv chav kawm txhua hnub uas qhia txog cov kev txawj ua haujlwm, cov yamntxwv ua haujlwm, muaj kev lav thiab coj tus xeebceem zoo, muaj kev ntseeg siab ntawm tus kheej, thiab cov kev txawj ua haujlwm, uas kuj siv tau los nrhiav tau, khaw zoo cia, thiab ceev tseg tau kev ua haujlwm, thiab txhim kho tau zoo ntxiv ntawm lawv txoj haujlwm kev loj hlob.

## *Cov Kev Piav Txog Kev Kawm – Electives*

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### **Yearbook**

**611019** (FHS, GUHS, PHS, RLHS, VNHS)

**Qib:** 11-12 **Caijnyoog:** Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** N/A

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Ntawm no ib txoj kev kawm uas tsom rau ib txoj haujlwm loj uas coj los tsim lub tsevkawm txhua xyoo, ib qho kev teev tseg ntawm txhua xyoo cov menyuum kawmntawv hauv lub tsevkawm theem siab muaj dabtsi tshwm sim rau xyoo ntawd. Nws cuam tshuam txog thajj yeebyajkiab ntawm cov koomtxoos, cov tibneeg ib tug twg thiab cov tswvyim nyob ntau hom kev kev ua. Cov tub ntxhais kawm yuav tsum ua rau pom tej yam kev txawj ntawm kev ua/sau xovxwm, kev kosduab, kev thajjduab, kev tsim duab, ntawv sau, lagluam, kev tsim duab thiab kev coj tu zoo.

# Cov Kev Piav Txog Kev Kawm - Dual Enrollment

## American River College - Dual Enrollment

(TibtXHij Rau Npe Kawm Uake Nrog)

KEV KAWM	ZAUV	CCAA	FHS	GUHS	HHS	KHS	PHS	RLHS	VNHS
ARC 3-Dimensional Graphics & Design	711005				X				
ARC American Sign Language I	648015	X	X	X	X			X	
ARC American Sign Language II	648016	X	X	X	X			X	
ARC Architectural Design (2)	711004				X				
ARC College Success	648001	X	X	X	X			X	
ARC College Composition	148001	X	X	X	X			X	
ARC Adv. College Composition	148002	X	X	X	X			X	
ARC Diesel Brake Systems	731038				X				
ARC Diesel Electrical Systems	721024				X				
ARC Diesel Engine Repair	731025				X				
ARC Diesel Preventative Maintenance	721023				X				
ARC Elementary Spanish (SPAN 401)	648004	X	X	X	X			X	
ARC Elementary Spanish (SPAN 402)	648014	X	X	X	X			X	
ARC Engineering Modeling & Design	721025				X				
ARC Introduction to Ethnic Studies	248015	X	X	X	X			X	
ARC Health Science	648003	X	X	X	X			X	
ARC History of the United States (To 1877)	248000	X	X	X	X			X	
ARC History of the United States (1865-Present)	248001	X	X	X	X			X	
ARC History of World Civilizations (To 1500)	648006	X	X	X	X			X	
ARC History of World Civilizations (1500 to Present)	648005	X	X	X	X			X	
ARC Introduction to Computer Aided Drafting and Design (CADD)	21015				X				
ARC Introduction to Government: United States	248002	X	X	X	X			X	
ARC Introduction to Materials of Construction	711004				X				
ARC Introduction to Music: Rock and Roll	548001	X	X	X	X			X	



ARC Mediated Communication Experience	248014	X	X	X	X			X	
ARC Nutrition	648002	X	X	X	X			X	

ARC Introduction to Social Justice Studies	248003	X	X	X	X			X	
ARC General Principles (Psychology)	238005	X	X	X	X			X	
ARC Introductory Sociology	238006	X	X	X	X			X	
ARC Introduction to Probability & Statistics	338005	X	X	X	X			X	
ARC Technical Documentation with CADD	721015				X				

American River College (ARC) kev kawm ntawv ntev qhov kev rau npe tibtxhij kawm cov chavkawm: Cov kev kawm ntawm no yog ib nrab-xyoo ntev, semester, thiab cov tub ntxhais kawm yuav kawm tau 10 qhabnee credit hauv tsevkawm theem siab, high school credits, thiab 3 qhabnee rau tsevkawm txheejsiab, college credits, rau txhua txoj kev kawm. Cov kev kawm yuav qhia nyob rau hauv Highlands High School, Rio Linda High School, Grant High School, Foothill High School thiab Creative Connection Arts Academy. Tsevkawm txheejsiab cov qhabnee, college credits, tau los ntawm no lawv kuj xa tau mus rau cov tsevkawm txheejsiab University of California (UC), California State University (CSU) thiab Community Colleges. Cov kev kawm ntawm no yuav tsum kawm dhau nrog tus qhabnee C lossis ib tug zoo tshaj ntawd mam thiaj li xam hais tias tau tsevkawm txheejsiab cov qhabnee.



# Cov Kev Piav txog Kev Kawm – Dual Enrollment

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## ARC 3-Dimensional Graphic & Design

### DESGN 320

711005 (HHS)

**Qib:** 10 **Caijnyoog:** Nrab Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Kev Kawm ARC Ua Ntej:** Intro to CADD

**CTE Pathway (theem):** Architectural Design (concentrator)

**Piav txog Kev Kawm:** Qhov kev kawm ntawm no yog ib qho pib qhia txog cov hauvpaus ntawm tus txheejtxheem kev tsim rau vajtse (architecture) thiab engineering. Nws xam nrog nyob rau hauv yog txoj kev siv computer qhov kev tsim duab kho vajtse (application of programming), kev tshuajxyuas txog thajchaw ib puagnicg, cov kev xam pom txog txoj kev siv cov khoom thiab tswvym uas zoo rau lub ntiajteb thaj av, dej thiab huab cua, cov cai zauv tso mkwm thiab cov kev txwv tsis pub ua ntawm kev kho tsim tsev, kev tshuajxyuas txog vajtse muag thiab yuav mus zoo licas, thiab kev xam pom lub caij cov khoom thiab nyiajtxiag muaj nqe npaum licas rau cov kev tsim cov kev ua haujlwm loj kho tsev. Cov tswvym daws tau cov teebmeem uas kev tsim nrog cov duab saib nyob txhua kem (perspective graphics), cov qauv tsev uas siv khoom puab, thiab cov qauv tsev tswvym uas tsim tau pom nyob hauv computer kuj yuav coj los tham txog thiab. Qhov kev kawm ntawm no kuj xam muaj ntxiv xws li cov kev ua uas tus kheej ib leej thiab nyob hauv pawg (studio situations), cov kev nthuav qhia kev kawm, thiab cov kev uas lwm tus los hais thias qhia qhov zoo thiab tsis zoo ntawm yus lossis pabpawg cov duab uas tsim tau.

## ARC American Sign Language I

### DEAF 310

648015 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Qhov ntawm no yog thawj qhov kev kawm hauv ib qho muaj ntau ntu ntawm tsib qho hauv Meskas Kev Piav Tse (American Sign Language – ASL). Kev qhia cov kev ua yog ua raws li ib txoj haukev uas xyaw ob peb yam uake, uas yog cov neeg kawm tsim muaj kev totaub lus hauv chaw siv thiab rau ntawm hom lus hais rau. Nws tsom rau txoj kev sib txuas lus uas tsis siv suab lus. Cov ntsiab lus xam muaj nrog yog cov kev siv lus yog (grammatical features) xws li cov lolus piav txog tus neeg, thajchaw lossis qhov khoom, txoj kev qhia cais qhov sib txawv ntwam cov lej/zauv cardinal thiab ordinal, kev sib piv ob yam khoom/tibneeg lossis chaw, cov kev piav tes qhia lolus ua nrog lub caijnyoog thiab thib caijnyoog, cov kev txawj sib tham lus piav tes, cov kev txawj qhia dabneeg, thiab cov kev sib sablaj nrog nws phaum neeg.

## ARC American Sign Language II

### DEAF 312

648016 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Foreign Language **UC/CSU a-g:** E: LOTE

**Kev Kawm Ua Ntej:** DEAF 310

**Piav txog Kev Kawm:** Qhov ntawm no yog qhov kev kawm ntu ob hauv ib qho muaj ntau ntu ntawm tsib qho hauv Meskas Kev Piav Tse (American Sign Language – ASL). Qhov mob siab qhia ntxaws txog yog rau kev sib txuas lus tsis siv ncaujlus. Cov ntsiab lus xam muaj nrog yog cov kev siv lus yog (grammatical features) xws li cov lolus piav txog tus neeg, thajchaw lossis qhov khoom, txoj kev qhia cais qhov sib txawv ntwam cov lej/zauv cardinal thiab ordinal, kev sib piv ob yam khoom/tibneeg lossis chaw, cov kev piav tes qhia lolus ua nrog lub caijnyoog thiab thib caijnyoog, cov kev txawj sib tham lus piav tes, cov kev txawj qhia dabneeg, thiab cov kev sib sablaj nrog nws phaum neeg.

## ARC Architectural Design (2)

711004 (HHS)

**Qib:** 9-11 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Architectural Design 1

**Piav txog Kev Kawm:** Qhov ntawm no yog ib xyoo-ntev loo kev kawm pib qhia uas cov tub ntxhais kawmntawv kawm txog cov hauvpaus kev tsim vajtse. Qhov ntawm no muaj xws li thajchaw nyob raws li chaw nyob (nature of space), lub cev zoo licas, loj thiab dav npaum licas, khoom siv zoo licas (texture), nyob sib dhos, muaj dabtsi, thiab cuam tshuam nrog dabtsi. Ntxiv nrog, cov tub ntxhais kawmntawv kawm txog keebkwm ntawm kev tsim vajtse, hom kev tsim vajtse thiab txheeb ze cov haujlwm. Cov tub ntxhais kawm yuav muaj kev pom nce ntxiv txog lub tuamtsev zoo licas, ob yam huvtibi ntawm cov tsev ua rau nyob thiab cov tsev ua rau khiav haujlwm, thiab totaub txog txoj kev sibtxheeb ntawm thajchaw qhov kev kho tsev nrog cov tibneeg uas yuav siv qhov chaw ntawd. Siv kev paub uas paub los ntawm tus kheej kev ua neej, kev kawm thiab kev tshawb fawb, cov tub ntxhais kawm yuav tsim cov tswvym kev npaj los tsim ib lub tsev ob tshooj ntawm lawv txoj kev tsim, ua raws li ib tug phiajxwm uas tau muab rau los ntawm ib tug neeg nyob yav qub tebcaws hauv dabneeg. Tub ntxhais kawm cov kev tsim yuav tsum ua kom tiav los ntawm cov kev siv cov twj xws li cov xaum, cov thee, npiv, thiab ximdej. Txoj kev siv ntawm CAD software yuav pab rau txoj kev tsim qhov kev loj hlob ntawm cov kev kos duab rau lawv thawj qhov kev pib tsim lub tsev, muaj rau cov tswvym, cov kev siab qes, cov koog thiab cov kev piav qhia kom ntxaws uas ua raws li vajtse cov qauv ntaubntawv.

## ARC College Success

### HCD 310

648001 (CCAA, FHS, GUHS, HHS, RLHS)

Qib: 12 **Caijnyoog:** Nrab Xyoo (10 credits)

HS Grade Req: Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no qhia txog cov kev txawj thiab kev paub uas tsimnyog rau tsevkawm txheejsiab txoj kev vammeej, thiab nrog rau yus cov teebmeem uas nquag nquag muaj rau ntawm ntau tus tub ntxhais kawm hauv tsevkawm txheejsiab. Cov ntsiab lus muaj xws li kev rau siab, tus kheej muaj kev qhuabntuas, cov kev kawm tau ntawv lidas, lub hlwb kev loj hlob, kev txawj tswj sijhawm, cov kev txawj sibtxuas lus, npaj homphiaj, cov tswvyim txawj saib ntawv thiab cov tswvyim ua, thiab cov kev txawj xav tob, xam nrog xws li lub neej nyob lub caij ntawm no lawv cov kev cuam tshuam. Qhov kev kawm ntawm no kuj kuj, ntsuam xyuas, txog lub tebchaws no txoj kev muaj kev koomtes nce ntau tshaj qub tuaj hauv lub ntiajtec cov teebmeem.

showcases lawv lub cev ntawm kev ua haujlwm. Cov tub ntxhais kawm yuav tshawb nrhiav cov kev xaiv ua haujlwm thiab cov hauv kev los ntawm kev tshuaj xyuas ntau yam haujlwm hauv AME txoj haujlwm. Thaum kawg ntawm chav kawm no, cov tub ntxhais kawm yuav tau ua tiav ntau yam haujlwm ib leeg thiab pab pawg thiab yuav ua haujlwm ntawm cov khoom loj dua hauv chav kawm capstone.

## ARC College Composition

### ENGWR 300

148001 (CCAA, FHS, GUHS, HHS, RLHS)

Qib: 12 **Caijnyoog:** Nrab Xyoo (10 credits)

HS Grade Req: English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no qhia ntau thiab ntxaws qhov tseemceeb rau kev sau ntawv thiab muaj xam nrog yog nyeem ntawv, kev tshawbfawb, thiab cov kev txawj xav tob uas yog cov kev txawj tseemceeb rau txoj kev kawm ntawv tiav hlo ntawm tsevkawm txheejsiab ib daimntawv povthawj, college degree. Nws qhia tham txog cov haujlwm sau ntawv xws li kev sau ntawv rau sab tseeb thiab tshawb fawb thiab sab sau hais kev sib cav lus kev sib tw (6,000 lolus tsawg kawg rau qhov kev kawm) siv tus txheejtxheem teev ntawv MLA thiab tus qauv ua raws. Nws kuj muaj xam nrog cov haujlwm nyeem ntawv rau ua uas tau xaiv los ntawm ntau hom ntaubntawv uas nyob rau theem siab uas lwm lub tsevkawm txais, yuav tau, uas ntau thiab ntev tsimnyog. *Nrog paub:* HS daimntawv qhabnee transcript cov kev tshuajxyuas yuav tsum tseeb kom muaj los qhia tseeb ntawm txoj kev kawm tau zoo npaum lidas uas tiav hlo tus qhabnee tsawg kawg GPA tagrho yog li ntawm 2.60 thiab nyob qib 12th.

## ARC College Success

648001 (HHS)

Qib: 9 Duration: Semester

HS Grad Req: Electives UC/CSU a-g: Dual Enrolled

Yam yuavtsum tau kawm uantej: Tsis muaj

## CTE Pathway: Architectural Design (introductory)

Course Description: Cov tub ntxhais kawm yuav tsim cov txuj ci kev ua yeeb yam thiab cov txuj ci animation uas tau kawm los ntawm cov kev qhia pib nrog rau cov ntsiab lus ntawm cov yeeb yaj kiab, tsim cov qauv tsim, thiab cov txheej txheem tsim khoom. Tsis tas li ntawd, cov tub

## **ARC Advanced Composition and Critical Thinking ENGWR 302**

148002 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** English **UC/CSU a-g:** B: English

**Kev Kawm Ua Ntej:** ENGWR 300

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no muab tuaj qhov kev kawm saib ntawv ntawm cov ntaubntawv dabneeg thiab nrog cov kev txawj tshuaj xyuas kev nyeem ntawv thiab sau ntawv. Nws qhia txog cov kev cai ntawm kev sibcav thiab kev tshuajxyuas, xws li qhov kev mloog ntsuam xyuas ntawm kev paub ib qho twg los rau lwm yam thaujpais thiab qhov uas mloog los ntawm tej yam dabtsi uas muaj thaujpais los rau ib yam twg kiag raws txoj xam pom tseeb.

***Nrog paub:** Txoj kev kawm ntawm no tseev kom muaj qhov kev tshuajxyuas daimntawv qhabnee transcript los qhia tseeb hais tias yeej tau kawm tiav hlo qhov kev kawm ENGWR 300.*

## **ARC Diesel Nres Systems**

**TIAB SA 130**

**731038 (HHS)**

**Qib:** 11-12 **Duration:** Semester

**HS Grad Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Yam yuavtsum tau kawm uantej:** ARC Diesel Cav Kho

**CTE Txoj Kev (qib):** Green Diesel (capstone)

**Course Description:** Hoob no suav nrog txoj kev xav, tsim, kho, thiab kho lossis kho dua tshab ntawm lub tshuab nres tsheb thiab cov khoom siv. Cov ntsiab lus suav nrog kev ua haujlwm kom zoo ntawm lub zog thiab cov cuab yeej siv tes siv hauv kev pabcuam ntawm cov tshuab siv hluav taws xob thiab cov khoom siv

## **ARC Diesel Hluav Taws Xob Systems**

**TIAB SA 140**

**721024 (HHS)**

**Qib:** 10-11 **Duration:** Semester

**HS Grad Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Yam yuavtsum tau kawm uantej:** ARC Diesel

**Preventive Maintenance**

**CTE Txoj Kev (theem):** Green Diesel (concentrator)

**Course Description:** Hoob no suav nrog cov hauv paus ntsiab lus, kev ua haujlwm, thiab kev kuaj mob ntawm cov tshuab hluav taws xob diesel. Cov ntsiab lus muaj xws li cov ntsiab lus ntawm hluav taws xob, hluav taws xob circuits, roj teeb ua haujlwm, lub hauv paus ntawm cov hlau nplaum, cov khoom siv hluav taws xob, cov tshuab pib, thiab hluav taws xob schematics

## **ARC Diesel Cav Kho**

**TIAB SA 110**

**731025 (HHS)**

**Qib:** 11-12 **Duration:** Semester

**HS Grad Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Yam yuavtsum tau kawm uantej:** ARC Diesel

**Electrical Systems**

**CTE Txoj Kev (qib):** Green Diesel (capstone)

**Course Description:** Hoob no suav nrog cov hauv paus ntsiab lus, kev ua haujlwm, thiab kev kuaj mob ntawm cov cav diesel. Cov ncauj lus muaj xws li kev ua haujlwm ntawm lub cav thiab kev tsim kho, kev txheeb xyuas qhov chaw thiab qhov chaw, cov txheej txheem cav disassembly, kev kuaj xyuas lub cav, cov txheej txheem kho cav thiab rov tsim kho, thiab cov txheej txheem cav rov ua haujlwm.

## **ARC Diesel Tiv Thaiv Kev Tiv Thaiv**

**TIAB SA 101**

**721023 (HHS)**

**Qib:** 10-11 **Duration:** Semester

**HS Grad Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Yam yuavtsum tau kawm uantej:** Tsis muaj

**CTE Txoj Kev (theem):** Green Diesel (concentrator)

**Course Description:** Hoob no qhia txog kev cob qhia theoretical thiab cov tswv yim rau cov kws tshaj lij hauv qib pib. Nws suav nrog cov txheej txheem kev kuaj mob hauv diesel thiab cov txheej txheem kev pabcuam siv hauv cov khw muag khoom diesel. Tej yaam num tau ua nyob rau hauv ib puag ncig ntawm lub khw muag khoom diesel muab kev sib koom tes kev paub txog kev lag luam khoom lag luam. Cov ntsiab lus suav nrog kev ua haujlwm hauv khw muag khoom uas ua tau raws li cov qauv kev lag luam diesel, kev nyab xeeb, hluav taws xob, thiab lwm cov txheej txheem diesel.

ARC Engineering Modeling & Tsim

**TIAB SA 328**

**721025 (HHS)**

**Qib:** 10 **Duration:** Semester

**HS Grad Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Yam yuavtsum tau kawm uantej:** ARC Technical Documentation with CADD **CTE Txoj Kev (theem):** Kev Tsim Kho Vaj Tse (concentrator)

**Course Description:** Hoob no suav nrog cov ntsiab lus thiab kev siv ntawm peb-dimensional graphic design siv ntau yam kev pom, qauv, thiab Building Information Modeling (BIM), xws li AutoCAD, SketchUp, thiab Revit MEP. Cov ncauj lus muaj xws li cov txheej txheem thiab cov txheej txheem los tsim cov qauv saum npoo, cov qauv khoom, thiab lawv cov ntaub ntawv qhia txog kev ua haujlwm / kev nthuav qhia ntxiv nrog rau lawv daim ntawv thov rau engineering engineering, mechanical engineering thiab ntsuab technology

## **ARC Elementary Spanish**

**SPAN 401**

# *Cov Kev Piav Txog Kev Kawm – Dual Enrollment*

**648004** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Foreign language **UC/CSU a-g:** G: LOTE

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no pib qhia txog hom thiab thiab kab li kev cai ntawm lub ntiajteg cov neeg hais lus Spanish (lus Mev). Nws muaj xam nrog xws li txoj kev tsim kev loj lob ntawm kev mloog lus, hais lus, nyeem ntawv, thiab sau ntawv lus Mev nrog ib nqe tseemceeb mob siab rau cov kev txawj sib txuas lus, thiab nrog rau cov hauvpaus ntawm lus Mev qhov kev txi cov suab thiab hais/sau lus yog yog.

## **ARC Elementary Spanish**

### **SPAN 402**

**648014** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Foreign language **UC/CSU a-g:** G: LOTE

**Kev Kawm Ua Ntej:** SPAN 401

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no muab qhov txuas toj mus ntxiv ntawm txoj kev tsim kev loj lob ntawm lus thiab tshawb nrhiav kawm txog keebkwm thiab kab li kev cai ntawm lub ntiajteg cov neeg hais lus Spanish (lus Mev). Nws xam nrog ntxiv dua ntawd txoj kev tsim loj hlob ntawm kev mloog lus, hais lus, nyeem ntawv, thiab sau ntawv lus Mev nrog ib nqe tseemceeb mob siab rau cov kev txawj sib txuas lus, thiab nrog rau cov hauvpaus ntawm lus Mev qhov kev txi cov suab thiab hais/sau lus yog yog. Kev kawm kom txawj lus yog los cuag tau ntawm ib txoj kev saib nyob sab pom txog keebkwm thiab kab li kev cai.

# Cov Kev Piav Txog Kev Kawm – Dual Enrollment

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## ARC Introduction to Ethnic Studies

### ETHNS 300

248015 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Health **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no pib qhia rau cov tub ntxhais kawm txog Ethnic Studies (kev kawm txog haivneeg) thiab cov teebmeem ntawm txhua haivneeg, txhua pabpawg, kab li kev cai thiab keebkwm uas cuam tshuam txog lub neej dhau los ntawm lub neej tam sim no cov kev tshwmsim thiab ntawm txoj kev qhia hais tias yog neeg dabtsi los ntawm ntau yam kev txheeb los uake ntawm plaub pawg hauvpaus ntawm cov haivneeg ntawm Cov Neeg Esxias Meska, Chicana/o Americans, African Americans, thiab Native/Indigenous Americans nyob hauv tebchaws Meskas, United States.

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## ARC Health Science

### HEED 300

648003 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Health **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsom los rau cov kev cuam tshuam ua raug rau txoj kev nojqab nyobzoo ntawm ib tug neeg twg thiab lub zej zog. Cov ntsiab lus kev qhia kawm txog tus kheej lub cev kev ruaj khov, kev noj zaub mov zoo, kev ua nkauj ua nraug, cov kabmob kis tau los ntawm kev sibdeev, yeeb tshuaj uas ua rau mob ntxiv yog tsis tau noj nrog rau xws li cawv thiab luamyeeb, nrog ntxiv rau kabmob cuam tshuam nrog txoj kev ua neej licas.

## ARC History of the United States (To 1877)

### HIST 310

248000 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 11 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** U.S. History **UC/CSU a-g:** A: History

**Prerequisite:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib qho kev tshawb fawb ntsuam xyuas txog Meskas keebkwm ntawm nws cajcag European, African, thiab Native American cov keebkwm mus txog 1877. Nws tshuaj xyuas qhov chivkeeb thiab kev tsim loj hlob ntawm ntau yam ntawm lub tebchaws ntawm no txoj kev ua tebchaws, kev ua neej, kev khiav nyiajtxiag lagluam hauv tebchaws, thiab cov tuamtxhab tswj kev txawj ntse xam nrog lawv cov kev cuam tshuam raug rau tiam tam sim no ntawm neeg Meska lub neej.

## ARC History of the United States (1865 to Present)

### HIST 311

248001 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 11 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** U.S. History **UC/CSU a-g:** A: History

**Prerequisite:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib qho kev tshawb fawb ntsuam xyuas txog Meskas keebkwm thaum 1865 mus txog rau lub caij ntawm no. Nws kuj tshuaj xyuas ntau yam ntawm Meskas txoj kev ua tebchaws, kev ua neej, kev tswj khiav nyiaj txiag hauv tebchaws, thiab cov tuamtxhab kev tswj kev txawj ntse xam nrog lawv cov kev cuam tshuam raug rau tiam tam sim no ntawm neeg Meska lub neej. Txoj kev kawm ntawm no kuj tshuaj xyuas txog lub tebchaws ntawm no txoj kev nce ntxiv kev koomtes rau hauv lub ntiajteb cov teebmeem.



# Cov Kev Piav Txog Kev Kawm – Dual Enrollment

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## ARC History of World Civilizations

(To 1500)

### HIST 307

648006 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** World History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tshawb fawb txog lub ntiajteb cov

los ntawm antiquity mus rau 1500s, nrog rau ib qho tseem ceeb rau dynamic kev sib raug zoo thiab kev sib piv ntawm ntau haiv neeg haiv neeg, haiv neeg, thiab kab lis kev ca

## ARC History of World Civilizations

(1500 Present)

### HIST 308

648003 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** World History **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tshawb fawb txog lub ntiajteb keebkeem thaum tiam 16<sup>th</sup> los txog rau lub caij ntawm no, nrog qhov tseemcee tshwjxeeb qhia ntxaws thiab tob txog muaj nce ntau tshaj qub ntxiv kev sib xyaws uake ntawm tibneeg thiab cov kab li kev cai tam li yog qhov tshwm sim tau ntawm txoj kev muaj toj mus ntxiv tus txheejtxheem ntawm kev khiav haujlwm thoobplaws lub ntiajteb, kev pom txog haivneeg, kev pom txog lub tebchaws cov pejxeem, kev tuaj tswj kav lwm lub tebchaws, thiab kev tsim nom tswv nrog muaj txoj cai loj tswj tebchaws.

## ARC Introduction to Computer Aided Drafting and Design (CADD)

### DESGN 301

721015 (HHS)

**Qib:** 10 **Caijnyoog:** Nrab Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Kev Kawm Ua Ntej:**ARC Intro to Materials of Construction

**CTE Pathway:** Architectural Design (concentrator)

**Piav txog Kev Kawm:** ARC qhov kev kawm ntawm no qhia txog cov hauvpaus ntawm AutoCAD, ib qho software kev tsim thiab ua tawm daim qauv xwb thawj uas nws siv ntau cov hom kev kos duab. Nws muaj xam nrog daim qauv tsim (engineering layout), lub tsevkawm thiab thajchaw ib puagncig cov kev kos duab, thiab nrog rau cov duab kos uas siv rau hauv kev tsim lub tsev thiab sab hauv xws li daim pua thiab cov tswvyim muab cov khoom tso chaw, cov chaw nyob thaj av siab licas, thiab cov ntaubntawv qhia ntxaws. Hoob ARC no suav nrog Cov hauv paus ntsiab lus ntawm AutoCAD, tsim thiab kos duab software siv los tsim ntau yam kev kos duab. Nws suav nrog engineering layout, site thiab toj roob hauv pes drawings, thiab drawings siv nyob rau hauv architecture thiab sab hauv tsim xws li cov phiaj xwm hauv pem teb thiab chaw, qhov siab, thiab paub meej.

## ARC Introduction to Government:

### United States

#### POLS 301

248002 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grad Req:** Government **UC/CSU a-g:** A: History

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tshuaj xyuas txog nom tswv Meskas qhov keebkwm cov chivkeeb, txoj kev qhia vim licas thiaj li muaj li ntawd nyob sab tswvyim kev txawj ntse thiab sab tswvyim kev nqes tes ua, tsoom fvv tebchaws tus qauv pabpawg khiav haujlwm, thiab txoj cai loj tus qauv txheejtxheem kev tswj. Nws saib txog cov cai thiab cov kev ywjpheej ntawm cov tibneeg tam li tau tsim meej hauv Meska Tebchaws Txoj Cai Loj (U.S. Constitution) thiab tsoom fvv tebchaws tsev hais plaub cov kev txiav txim. Nws kuaj ntsuam xyuas txog ib leej ywg thiab ib pawg koj licas nyob lub caij xaiv tsa nom tswv ntawm lawv tus cwjpw pov npav, cov pabpawg uas ntsuas hais tias yuav pab tau nyiajtxiag, cov pabpawg sibtw ua nom tswv, thiab cov tuamtxhab xovxwm. Nws muab tuaj ib qho kev tshuaj xyuas pom txog ntawm lub neej tiam no cov teebmeem loj thiab me thiab saib rau ntawm cov kev cuam tshuam uas tsom kwm txoj kev sib tw ua nom thiab txoj kev tsim kev cai xam nrog qhov muaj ntau haivneeg, txoj kab li kev cai kev ua sib tw ua nom, tus txheejtxheem cobqhia txog kev ua pejxeem koj zoo los koom tes rau hauv kev sib tw ua nom, cov tswvyim nta txoj kev ua nom, thiab pejxeem cov kev xav.



# Cov Kev Piav Txog Kev Kawm – Dual Enrollment

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## ARC Intro to Materials of Construction

### DESGN 300

711004 (HHS)

**Qib:** 9 **Caijnyoog:** Nrab Xyoo

**HS Grade Req:** Electives **UC/CSU a-g:** Dual Enrolled

**Kev Kawm Ua Ntej:** : ARC College Success

**CTE Pathway: Architectural Design (introductory)Piav**

**txog Kev Kawm:** qhov kev kawm ntawm no yog ib qho kev tshawbfawb ntawm cov chaw kev pab uas tau siv rau hauv cov haujlwm kev kos duab tsim tsev thiab kho tsev (architectural thiab engineering). Nws pib qhia txog cov kev khoom siv los ua lub tsev thiab cov khoom ntawd qhov zoo thiab tshwjxeeb ntawm lawv nyob rau hauv cov txheejtxheem kho vajtse. Cov khoom uas zoo rau lub ntiajteb thajchaw ib puagnicg thiab siv tau tas los siv tau dua thaum qub lawm, ntawv povthawj txog lub tuamtsev cov khoom siv ua lub tsev uas zoo rau lub ntiajteb, thiab cov txheejtxheem kev kuaj thiab luj cov khoom zoo npaum licas kuj yuav coj los tham txog.

## ARC Intro to Musics: Rock and Roll

### MUFHL 308

548001 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Fine Art **UC/CSU a-g:** F: Fine Art

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tshuaj xyuas txog kev ua neej, political, ntawm kab li kev cai, thiab kev khiav nyiaj xtiag hauv tebchaws (economic) cov teebmeem uas lawv txheebze rau keebkwm ntawm yam suabpajnrug Rock & Roll thiab muaj nrog cov kev nthuav qhia ntawm kev tsom kwm qhia mloog thiab siab cov yeebyajkiab uas pom txog txoj kev loj hlob thiab kev hloov ntawm Rock pib ntawm nws hauvpaus tuaj mus rau lub caij ntawm no cov kev tseem nyiaj hnuv nyiam. Tsis tseev kom muaj kev kawm paub txog suabpajnrug los yeej rau npe kawm chav no tau.

## ARC Mediated Communication Experience

### COMM 362

248014 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo

**HS Grad Req:** Electives **UC/CSU a-g:** G: Elective

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tsom rau cov kev txawj cov ntsiab lus kev kawm uas tsimnyog los sib txuas lus muaj kuab nyob hauv online thajchaw. Cov ntsiab lus kev kawm muaj xws li online hauv pawg cov haujlwm thiab cov kev nthuav kev cobqhia thiab cov kev tham lus rau neeg mloog (public speaking), kev xamphaj, cov kev hu tuaj sib sablaj, thiab computer kev sibtxuas lus kev cuam tshuam daws teebmeem nrog lwm tus. Cov tub ntxhais kawm yuav muaj kev cia rau lawv kom lawv siv lawv ntiag tug cov twj kaw yeebyajkiab.

## ARC Nutrition

### NUTRI 300

648002 (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Semester (10 credits)

**HS Grade Req:** Health? **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib qho kev kawm tob txog cov tseemceeb ntawm cov zauv mov thiab lawv ua haujlwm licas, thiab tshuaj yam zoo hauv cov zaub mov muaj dabtsi thiab lawv ho siv licas los rau lub cev. Nws muaj xws li kev sib sablaj txog cov kev muaj nqe rau lub cev ntawm cov zaub mov thiab, cov ntsiab lus muaj nyob rau tam sim no hais txog kev noj zaub mov huv, thiab ib tug twg cov kev xav ntawm kev noj zaub mov zoo hauv nws lub neej mus kom ntev ntev

## ARC Intro to Social Justice Studies

### SJS 300

248003 (FHS, HHS, RLHS, CCAA, GUHS)

**Qib:** 10-12 **Caijnyoog:** Nrab Xyoo

**HS Grad Req:** Econ **UC/CSU a-g:** Transferable  
10 HS Credits thiab 3 college semester units

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm uas cuam tshuam ob peb hom kev kawm uake ntawm no pib qhia txog cov hauvpaus tswvyim thiab kev ua ntawm kev tswj fwm kev ncaincees thiab kev ua neej cov haukev uas tsim thiab tawm tsam qhov kev quabyuam. Nws tham txog sociology- kev ua neej teebmeem, keebkwm, thiab psychology -tibneeg lub hlwb kev xav thiab kev ua ntawm kev quabyuam raws li yog muaj tshwm sim rau cov hom neeg tawv nqajj plaub hau txawv, haivneeg me, neeg muaj thiab pluag, yog pojniam lossis txivneeg, kev paub sib nyiam, thiab lwm pabpawg hom neeg hauv tebchaws Meska (United States) thiab cov kev tshwm sim tawm tsam rau txoj kev ncaincees raws li tau tuaj ntu zus los mus rau txoj kev dim muaj kev ywjpheej. Nws tshawb nrhiav tshuaj xyuas txog txoj kev uas los tsim thiab thim ua rov qab qhov hwjchim cov kev sib txheeb uas tsis sibluag sibxws yog txuas nrog rau txoj kev ua neej cov qauv txheejtxheem (social structures), cov tuamtshab cov kev khiav haujlwm, thiab kab li kev cai. Ntxiv rau ntawm no, nws muab ib qho hauvpaus nta rau ib qho kev kom totaub zoo tshaj no ntxiv ntawm kev ua neej kev khiav nyiajtxiag ua lagluam, kev sib tw ua nom tswv, thiab kab li kev cai cov zwjceeb rau cov pabpawg tseemceeb hauv tebchaws Meskas. Cov ntshiab lus xam nrog xws li cov hauvpaus tswvyim kev ua ntawm kev ua neej kev ncaincees thiab kev raug quabyuam, keebkwm thiab kev sib tw ua nom ntawm pabpawg muaj npe meeimom dabtsi, kab li kev cai thiab cov tswvyim kev ntseeg, cov hom kev quabyuam yog zoo licas, muaj cai tshwjxeeb, thiab cov haukev tawm tsam rov qab yog zoo licas.

# Cov Kev Piav Txog Kev Kawm – Dual Enrollment

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## ARC General Principles (Psychology)

### PSYC 300

**238005** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Prerequisite:** Tsis muaj

Piav txog Kev Kawm: Txoj kev kawm ntawm no qhia txog ib lub ntsiab lus ib vuag uas dav dav txog cov tswvyim kev cai ntseeg thaujpias ntawm psychology, kev kawm txog cwj pwm thiab lub hlwb kev ua haujlwm. Cov ntsiab lus kev kawm muaj xws li kev tshawb fawb lub tswvyim siv, kev siv zauv los piav qhia txog cov ntaubntawv tshawbfawb tau los, cov kev txheeb tau uas cuam tshuam txog yam muaj sia, thiab nrog rau cov txheejtxheem thaujpias uas piav txog cwj pwm.

## ARC Introductory Sociology

### SOC 300

**238006** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 11-12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grad Req:** Electives **UC/CSU a-g:** G: Electives

**Kev Kawm Ua Ntej:** Tsis muaj

**Piav txog Kev Kawm:** Txoj kev kawm ntawm no tshuaj xyuas txog cov tswvyim kev cai thiab cov hauvpaus ntaubntawv hauv sociology (kev kawm txog kev ua neej) thiab muaj nrog cov kev saib ntawv kawm txog ntawm cov tuamtxhab, kab li kev cai, cov kooshaum kev tuaj sib ntsib sib tham (social organization), cov pabpawg kev tuaj sib ntsib (group interaction), kev ua neej uas cov muaj meejmom thiab cov pluag (social stratification), kev khiav nyiajtxiag hauv tebchaws txoj kev tswj (economy politics), haivneeg cov kev tawm tsam tsim kev hloov thiab txoj kev txav hloov zos me los ua nroog loj (urbanization).

## ARC Introduction to Probability and Statistics STAT 300

**338005** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Caijnyoog:** Nrab Xyoo (10 credits)

**HS Grade Req:** Math **UC/CSU a-g:** G: Elective

**Kev Kawm Ua Ntej:** Dhau IM2 hauv Tsevkawm Theem Siab

lawm thiab muaj ib tug GPA 3.0 lossis siab tshaj rov sau  
**Piav txog Kev Kawm:** Txoj kev kawm ntawm no yog ib qho kev pib qhia txog kev ua zauv ua lej qhov feempua yuav tiag tau yog ntau npaum licas (probability) thiab kev ua zauv ua lej ntsuam xyuas kev tshawb fawb qhia txog kev sib txheeb thiab kev tiag (statistics). Cov ntsiab lus xam nrog muaj xws li cov hauvpaus cai ntawm cov kev ua zauv ua lej piav qhia (descriptive statistics), cov cai suav zauv (counting principles), cov hauvpaus cai qhov kev muaj tiag tau yog feempua npaum licas (elementary probability principles), thiab cov kev siv ntawm cov cai thiab cov kev siv ntawm cov zauv piav txog cov kev tshawbfawb, cov cai kev suab, cov hauvpaus cai theem pib aibtxog yam yuav tshwm sim npaum licas (elementary probability principles) thiab qhov ntsuas cov kev sib faib muaj tiag ntau npaum licas, txoj kev kwvyees ntawm cov kev siv los ntsuas (parameters), sim ntawm cov kev tswvyim xav tseg (hypothesis testing), cov zauv thiab cov duab ntsuas kev hloov/kev sib txheeb (regression/correlation) thiab Kev Tshuaj Xyuas ntawm Sibtxawv (Analysis of Variance). Cov kev siv (applications) siv cov ntaubntawv tshawb fawb tau los ntawm ntau hom kev kawm xam nrog xws li lagluam, kev tshawb fawb kev ua neej, sab kev kawm txog lub hlwb ua haujlwm, kev tshawb fawb txog lub neej thiab kev noj qab nyob zoo, thiab kev kawmntawv. Kev tshuajxyuas siv zauv/lej los ntsuas uas siv ib pob muaj txhau yam uake ntawm computer cov kev ntsuas ua zauv/lej lossis ib lub graphing calculator (lub cuabyeej suav zauv kos duab) uas yog tseev kom muaj rau.

ARC Introductory Statistics rau Kev Coj Tus Cwj Pwm

TIAB SA 330

**238007** (CCAA, FHS, GUHS, HHS, RLHS)

**Qib:** 12 **Duration:** Semester (10 credits)

**HS Qib Req:** Math **UC/CSU a-g:** C: Math

**Yam yuavtsum tau kawm uantej:** Intermediate Algebra

**Course Description:** Hoob no tsom rua qhov

tswv yim thiab kev siv ntawm kev piav qhia thiab inferential txheeb cais hauv psychology thiab lwm yam kev coj cwj pwm kev kawm.

Cov ncauj lus muaj xws li piav qhia txheeb cais, qhov tshwm sim thiab

sampling distributions, thiab statistical method.

ARC Technical Documentation nrog CADD

TIAB SA 302

**721015** (HHS)

**Qib:** 10 **Duration:** Semester

**HS Grad Req:** Electives **UC/CSU a-g:** Dual Enrolled

Yam yuavtsum tau kawm uantej: ARC 3-Dimensional  
Graphics & Design

CTE Txoj Kev (theem): Kev Tsim Kho Vaj Tse (concentrator)

Course Description: Hoob no qhia txog kev siv ntau yam  
khoom siv hluav taws xob graphical media los tsim cov  
ntaub ntawv qhia txog kev tsim vaj tsev, pej xeem, thiab siv  
tshuab. Muaj ntau txoj hauv kev siv los tsim, luam tawm  
thiab txuag 2D, 3D, orthographic, thiab isometric nthuav  
qhia hauv ntau hom ntawv tso zis siv AutoCAD ua cov cuab  
yeej tseem ceeb. Nqe lus pom rau kev siv tshuab thiab  
architectural yog them, nrog rau ntau yam kev kos duab  
thiab cov ntsiab lus tswj cov ntaub ntawv