

# Laguna Creek High School

Xovtooj: (916) 683-1339

<http://lchs.egusd.net>

## Business Careers Pathway (BC)

Suav txij kev kawm kom tau txais ntawv ua povthawj tias txawj (industry-accepted certification) siv LAN mus txog kev totaub txog kev khiav kev lagluam thiab khiav lub tsev kawm ntawv lub chaw muag khoom, cov menyuam uas kawm txoj kev kawm Business Careers (BC) Pathway muaj sijhawm yuav dhau tau los ua ib cov tub lagluam uas keej rau tiam no thiab/lossis mus kawm tau cov degrees rau qebsiab. Tomqab raug txais mus kawm txoj kev kawm uas yog plaub xyoo lawm, cov mivnyuas yuav lug xaiv tau ib txoj ntawm peb txoj kev kawm le hauv qab no: Computer Technology, Business Management/Entrepreneurship lossis Accounting/Finance.

Thaum kawm nyob qeb 9<sup>th</sup> thiab 10<sup>th</sup>, cov menyuam yuav mus kawm cov hoob pib hauv txoj kev kawm. Thaum kawm nyob qeb 11<sup>th</sup> thiab 12<sup>th</sup>, cov mivnyuas yuav mus kawm cov hoob uas yog them siab rau hauv txoj kev kawm uas lawv tau xaiv lawm. Cov kev koomtes nruog cov koomhum hauv zejzog, kev moog saib lawv ua haujlwm thiab kev uas lawv ua cov tuaj nrog saib thiab qhia yog ib feem rau hauv txoj kev kawm no. Dua li, tseem muaj kev txhawb rau cov menyuam kom kawm tas cov LCHS thiab cov kev mus pab zejzogs thiab ua qhov senior project. Txoj kev kawm no tseem yuav ntxiv cov hoob kawm xws li lej, Aaskiv, kawm txog tibneeg kev vammeej, thiab kev lagluam rau kom cov menyuam yuav npaj txhij rau kev mus kawm college thiab/lossis ua haujlwm.

Cov hoob CTE uas yuavtsum tau kawm rau txoj kev kawm no teev rau hauv qab no: nuav:

Hoob Kawm	Credits	Kev Qhia Txog
<b>BC General Business</b>  <b>Course #12500</b>	10	Hoob no yuav qhia cov menyuam kawm ntawv txog txhua yam haujlwm kev lagluam, nyiaj txiag (khv los thiab siv tawm), checking accounts, kom homhpij siv nyiaj (budgets), credit thiab kev yuav khoomb. Nws yog ib hoob pib rau lwm hoob uas kawm txog kev lagluam, lossis suav ua cov hoob uas tuameem kawm.  <b>Cov ntaub ntawv uas siv:</b> Tsi siv phau ntawv.
<b>BC Computer Technology</b>  <b>Course #12111</b>	5	Hoob no yog kawm txog computer technologies thiab siv los pab kom muaj kev kawm nceqib. Cov menyuam kawm ntawv yuav los kawm txog kev siv daim keyboard, kev sau ntawv, cov kev siv computer, spreadsheets, database, kev siv technologies los nrhiav ntaub ntawv hauv library, thiab kev tuaj deb nrog lwm tus sib txuas lus. Cov menyuam kawm ntawv yuav siv tej uas lawv kawm tau hauv hoob no los ua lawv cov ntawv (assignments) hauv lwm hoob uas kawm rau xyoo ntawd, uas siv computer mus nrhiav kev qhia, npaj lawv cov ntawv, daws teebmeem, thiab ceev kev qhia. Hoob no suav tau ua ib hoob Technology hauv kev kawm kom tiav.  <b>Cov ntaub ntawv uas siv:</b> <i>Century 21 Computer Applications &amp; Keyboarding, South Western</i>
<b>BC Business Finance</b>  <b>Course #12010</b>	5	Hoob no yog tsim los kom cov menyuam kawm ntawv tau siv lawv txoj kev paub txog lej rau tuskheej thiab kev lagluam: teev txog nyiaj txiag, laij tias khv tau nyiaj los npaum lcas, feem yus tau (commissions), khaws thiab tso nyiaj ua lagluam, laij nqi tsev thiab nqi tsheb, cov se, nyiaj muag khoom, thiab lwm yam. Yuav muaj kev ua homework ua ntu zus. Cov menyuam uas kawm dhau hoob no yuav tau txais credit rau lej rau kev kawm kom tiav. Hoob no suav tau ua ib hoob lej rau xyoo plaub (senior) hauv kev kawm kom tiav. <i>Yam yuavtsum tau kawm uantej: Kawm tas Algebra I.</i>  <b>Cov ntaub ntawv uas siv:</b> <i>Applied Business Math, South Western or Mathematics of Money w/Algebra, Glencoe</i>



LAGUNA CREEK HIGH SCHOOL  
**Green Energy Technology Academy (GETA)**

Txoj kev kawm Green Energy Technology Academy (GETA) yog ib txoj kev kawm uas kawm ua plaub lub xyoos uas cov menyuam yuav los kawm txog cov technology muab tej khoom uas siv tas lawm rov los ua energy dua (technology of renewable energy). Thaum kawm tas, cov menyuam yuav npaj txhij rau kev mus kawm ntxiv rau qebsiab txog kev tsim energy.

Txhua xyoo cov menyuam kawm GETA yuav los tshawb nrhiav txog cov Haujlwm green energy, mus mloog tej tus tibneeg tuaj hais lus txog yam lawv tabtom kawm, tawm mus sab nraud (field trips), thiab kawm kom mus ua tau cov haujlwm uas luag muaj hnaij hnuv nimno. Cov freshmen yuav los kawm txog kev tsim energy. Cov sophomore yuav los kawm txog cov energy uas yog siv lub hnuv thiab cov cua los ua. Cov juniors yuav los kawm txog biofuels thiab tsheb faifab (electric vehicle), thiab cov GETA seniors, nyob ntawm yam lawv xav mus kawm ntxiv, yuav tawm hauv lub tsev kawm ntawv mus xyuum kawm thiab ua hauv tej tsev lagluam hauv zejzoz, mus ua research hauv tej lub koomhaum, thiab/lossis dhau los ua ib tus uas tau txais ntawv ua povthawj tias paub lossis txawj txog ib yam ntawm cov green energy uas luas muaj hauv cov tsev lagluam hauv tej zejzoz, junior colleges thiab cov college plaub xyoos.

*Cov mivnyuas uas kawm txoj kev kawm no yuavtsum tau kawm kom tas cov hoob uas hais hauv txoj Career Technical Education Courses li hauv qab no nrog rau cov kev kawm loj uas lawv yuav tau kawm (xws li, Aaskiv, lej, science, social science, etc.) nrog uake (as one cohort).*

**Cov Hoob GETA Academy Uas Yuavtsum Tau Kawm**

**Industry Sector:** Engineering, Environment, & Utilities  
**Pathway:** Energy & Environmental Technology

<b>Grade</b>	<b>Academic 1</b>	<b>Academic 2</b>	<b>Academic 3</b>	<b>CTE</b>	<b>Advocacy</b>
9	English 9	Biology	World Geography	Introduction to Green Energy Technology	Advocacy 9
10	English 10	Physics	World Geography	Green Energy Technology I	Advocacy 10
11	English 11	Chemistry	World Geography	Green Energy Technology II	Advocacy 11
12	English 12	Statistics		Green Energy Technology III	Advocacy 12



LAGUNA CREEK HIGH SCHOOL

**Green Energy Technology Academy (txuas ntxiv)**

Cov hoob CTE uas yuavtsum tau kawm rau txoj kev kawm no teev rau hauv qab no

Hoob Kawm	Leejtwg thiaj kawm tau hoob no	Credits	Kev Qhia Txog
<p><b>GETA Green Energy Technology II</b></p> <p><b>Course #12752</b></p>	Junior	10	<p>Hoob no tsim los pab cov tub ntxhais hluas nqes tes ua projects tshawb kawm txog cov technology uas txuas nrog lub hnuv ci cov fais faib (solar energy) thiab lub zog ntawm tej cua (wind power). Lub sijhawm no, cov tub ntxhais thiaj li paub txog kev kawm uas yuav tsum muaj nyob rau ib tug kws ua haujlwm rau kev txuag fas faib (Renewable Energy), yog ib txoj haujlwm uas huaj vam zoo heev li. Lawv yuav kawm kom tau cov txuj ci/kev txawj uas yuav tsum muaj los tsim thiab kho kom tau solar case thiab wind turbine. Cov scale projects uas loj heev no yuav nstib thiab tauj tau ib lub battery/inverter system. Cov tub ntxhais hluas yuav siv txoj hauv kev los tsim tus qauv (engineering design process) los pab nws npaj tsim tus qauv, ua kom tau tus model, thiab test ib qho lus teb rau qhov teeb meem (solution) rau ib yam teeb meem uas siv fais fab energy. Thoob lub sijhawm kawm hauv hoob no, yuav muaj cov qhua tseem ceeb uas tau koom tes nrog tsev kawm ntawv, tuaj tham rau cov tub ntxhais hmloog, yuav muaj mus ncig xyuas cov energy related facilities, thiab tshawb nrhiav cov haujlwm muaj nyob rau hauv lub Renewable Energy Industry. <i>Hoob yuav tsum tau kawm ua ntej: Kawm tiav hoob Introduction to Green Energy Technology I.</i></p> <p><b><u>Cov ntaub ntawv uas siv:</u> Renewable Energy: Power for a Sustainable Future, Oxford University Press</b></p>
<p><b>GETA Green Energy Technology III</b></p> <p><b>Course #12753</b></p>	Senior	10	<p>Hoob no tsim los pab cov tub ntxhais hluas nqes tes ua projects tshawb kawm txog cov technology uas txuas nrog lub hnuv ci cov fais faib (solar energy) thiab lub zog ntawm tej cua (wind power). Lub sijhawm no, cov tub ntxhais thiaj li paub txog kev kawm uas yuav tsum muaj nyob rau ib tug kws ua haujlwm rau kev txuag fas faib (Renewable Energy), yog ib txoj haujlwm uas huaj vam zoo heev li. Lawv yuav kawm kom tau cov txuj ci/kev txawj uas yuav tsum muaj los tsim thiab kho kom tau solar case thiab wind turbine. Cov scale projects uas loj heev no yuav tig ncaj nraim thiab tauj tau ib lub battery/inverter system. Cov tub ntxhais hluas yuav siv txoj hauv kev los tsim tus qauv (engineering design process) los pab nws npaj tsim tus qauv, ua kom tau tus model, thiab test ib qho lus teb rau qhov teeb meem (solution) rau ib yam teeb meem uas siv fais fab energy. Thoob lub sijhawm kawm hauv hoob no, yuav muaj cov qhua tseem ceeb uas tau koom tes nrog tsev kawm ntawv, tuaj tham rau cov tub ntxhais hmloog, yuav muaj mus ncig xyuas cov energy related facilities, thiab tshawb nrhiav cov haujlwm muaj nyob rau hauv lub Renewable Energy Industry. <i>Hoob yuav tsum tau kawm ua ntej: Kawm tiav hoob Introduction to Green Energy Technology I thiab Green Energy Technology II.</i></p> <p><b><u>Cov ntaub ntawv uas siv:</u> Renewable Energy: Power for a Sustainable Future, Oxford University Press</b></p>

**Yog xav paub meej txog cov hoob kawm (academic courses) mus saib Section 1. Thov hu mus rau lub tsev kawm ntawv yog koj xav tau kev qhia ntxiv.**

LAGUNA CREEK HIGH SCHOOL  
**Manufacturing Production Technology  
(MPTA)**

Txoj kev kawm Manufacturing Production Technology Academy (MPTA) yog ib txoj kev kawm tshiab uas siv cov technology tsim khoom siv tshiab nrog rau cov koomhaum uas tsim cov khoom siv no thiab cov tsev kawm qebsiab los qhia cov menyuam uas xav kawm txog kev tsim khoom siv (manufacturing), engineering thiab cov haujlwm hauv lub Sacramento Regional High Tech Consortium. MPTA yog tsim los kom muaj cov kev qhia qebsiab, tshwjxeeb uas muaj tibneeg nrog saib/mus saib luas ua haujlwm thiab kev mus xyaum tsim cov khoom siv.

Cov menyuam yuav kawm cov hoob uas siv cov technology tshiab uas yuav npaj puab mus rau cov haujlwm uas siv cov technology tshiab rau tiam tomntej. Cov menyuam uas kawm tas txoj Kev Kawm plaub xyoos no yuav tau txais cuaj credits rau Mechanical Engineering hauv lub California State University, Sacramento (tseem tog CSUS kev pom zoo). Dlua le, cov mivnyuas kws kawm txuj kev kawm nuav najnub dlaws cov teebmeem kev tsim khoom siv (manufacturing)/engineering thiab tsim cov qauv khoom siv uas siv cov tshuab tshab kws luas muaj huv cov chaw tsim khoom siv hab cov tsev kawm qebsab. MPTA muaj peb yaam kev kawm lossis pathways xws li: Design thiab Engineering, Business thiab Marketing, Production thiab Manufacturing.

*Cov menyuam uas kawm txoj kev kawm no yuavtsum tau kawm kom tas cov hoob uas hais hauv txoj Career Technical Education Courses li hauv qab no nrog rau cov kev kawm loj uas lawv yuav tau kawm (xws li, Aaskiv, lej, science, social science, etc.) nro g uake (as one cohort).*

LAGUNA CREEK HIGH SCHOOL  
**Manufacturing Production Technology (MPTA) (txuas ntxiv)**

**Cov Hoob MPTA Academy Kws Yuavtsum Tau Kawm**

**Industry Sector:** Manufacturing and Product Development  
**Pathway:** Machined and Forming Technology

<b>Grade</b>	<b>Academic 1</b>	<b>Academic 2</b>	<b>Academic 3</b>	<b>CTE</b>	<b>Advocacy</b>
9	English 9	Mathematics I	General Science	Exploring Tech 9 and Drafting 1A/B and MPTA Support 9	Yes
10	English 10	Mathematics II	Biology	Exploring Tech 10 and MPTA Support 10	Yes
11	English 11	Mathematics III (Algebra II)	Physics	Design and Implementation	Yes
12	English 12			Design and Manufacturing 12	Yes

Cov hoob CTE uas yuavtsum tau kawm rau txoj kev kawm nuav teev rau hauv qab no.

LAGUNA CREEK HIGH SCHOOL

Manufacturing Production Technology Academy (MPTA) (txuas ntxiv)

Hoob Kawm	Leejtwg thiaj kawm tau hoob no	Credits	Kev Qhia Txog
<p><b>MPTA Exploring Technology</b></p> <p><b>Course #12350</b></p>	<p>Freshman</p>	<p>5</p>	<p>Hoob kawm no qhia txog kev siv computer teeb duab/kos duab/Machining/Control milling, lathe machinery, aerodynamics, yees duab tso hauv TV/Video production, txuas cov tshuab/cav me (engine), thauj (transportation), yas (plastics), siv tshuab txav (pneumatics), khoom siv muaj hluas taws xob (electronics), biotechnology, kev tshawb nrhiav thiab tsim (research and design), kev siv hlau (robotics), nrog rau lwm yam uas tuav tau (hand tool usage) thiab ntau yam ntxiv. Hoob MPTA nrog rau kev siv PowerPoint los qhia ntawv yuav pab cov tub ntxhais hluas kawm txog ntau hom khoom uas siv hluas taws xob (modern technologies) thiab cov haujlwm txuas rau cov khoom no. Tus tub/ntxhais uas kawm dhau lub District tus qauv ntsuas kev tham lus, ua tau raws li qho district speech requirement lawm. Lub sijhawm kawm hoob no, lawv yuav tsum kawm cov hoob MPTA math course, MPTA English 9, MPTA General Science, MPTA Drafting 1A thiab MPTA support 9 mini course tib si.</p> <p><i>Hoob yuav tsum tau kawm ua ntej: Cov tub ntxhais yuav tsum xeem kom dhau daim safety test thawj 5 hnuv uas pib kawm hoob. Cov uas xeem tsis dhau yuav raug nrho ntawm hoob no thiab ntawm lub MPTA program.</i></p> <p><b>Cov ntaub ntawv uas siv:</b> <i>Technology Today &amp; Tomorrow</i>, Glencoe</p>
<p><b>MPTA Support 9</b></p> <p><b>Course #12103</b></p>	<p>Freshman</p>	<p>5</p>	<p>Hoob no yog tsim los pab cov menyuum kawm MPTA los ua kom tas lawv cov project hauv grade 9<sup>th</sup>. Lawv yuav xyaum los tsim cov Power Point presentations thiab yuav muaj sijhawm los hais lus timntsej timmuag ntawm sawvdaws. Thaum xaus hoob no lawv yuav los ua ib qhov presentation txog ib lub tuamtxhab tsim khoom siv uas lawv yuav los qhia rau cov niamtxiv, menyuum kawm ntawv thiab cov xibfwb qhia ntawv. Hoob no yuav tsum tau kawm tib lub sijhawm nrog hoob MPTA Exploring Technology 9, MPTA math, MPTA English 9, MPTA Physical/Earth Science hab MPTA Drafting 1A.</p> <p><b>Cov ntaub ntawv uas siv:</b> Tsi siv phau ntawv.</p>
<p><b>MPTA Drafting 1A/B</b></p> <p><b>Course #12101</b></p>	<p>Freshman</p>	<p>5 5</p>	<p>Hoob no qhia tej yam yooj yim ntawm cov twj hlau siv los tsim tus qauv, tswv yim ua ib yam dabtsi kom tshwm sim, thiab kev kwv yees. Yuav kawm txog tus qauv blueprint, tsim/kos tus qauv, thiab siv tshuab machine los kos/teeb duab. Yuav tau sau ntawv thiab kos/teeb duab raws li kev xaj. Vim muaj kev cog lus (Articulation agreement) pub txais college credit rau hoob no, yuav pub muaj Advanced Placement agreement rau cov tub/ntxhais hluas uas kawm dhau ob hoob no thiab txais tus qhab nee "B" los yog siab dua.</p> <p>Nco Cia: Cov Tub ntxhais uas kawm rau hoob MPTA no yuav tsum sau npe kawm thooj txhim nrog rau hoob MPTA Exploring Technology 9/10 , MPTA math course, MPTA English 9/10 thiab MPTA General Science/Biology.</p> <p><b>Cov ntaub ntawv uas siv:</b> <i>Mechanical Drawing</i>, Glencoe</p>

LAGUNA CREEK HIGH SCHOOL

**Manufacturing Production Technology Academy (MPTA) (txuas ntxiv)**

Hoob Kawm	Leejtwg thiaj kawm tau hoob no	Credits	Kev Qhia Txog
<p><b>MPTA Exploring Technology</b></p> <p>Course #12350</p>	<p>MPTA students only Sophomore</p>	<p>5</p>	<p>Hoob no yog kawm kom txawj ntxiv thiab txuas ntawm hoob MPTA Exploring Technology 9 hauv Computer Aided Drawing/Computer Aided Machining/Computer Aided Control milling thiab cov tshuab txiav thiab rhau ntoo thiab hlau (lathe machinery), aerodynamics, kev tsim thiab thaj cov digital TV/Video, dhos thiab kho cov tshuab me (small engine assembly), kev thauj mus los, cov khoom siv yas los ua (plastics), pneumatics, electronics, biotechnology, kev tshawb nrhiav thiab tsim (research and design), robotics, nrog rau kev siv cov cwj ntawm tes uas siv faifab thiab cov tshuab (machinery). Kawm nrog hoob MPTA English 10 cov menyuum yuav tsim ib txoj kev lagluam uas yuav mus ua haujlwm nrog lub United Cerebral Palsy uas yog lug teeb qauv (designing) thiab tsim ib lub qauv tshuab tsim khoom siv (fine motor skill builder). Cov menyuum yuavtsum tau los qhia (ua PowerPoint) txog lawv qhov project hmo uas teem los qhia. Hoob nno yuav siv tau ua ib hoob service learning rau MPTA 10<sup>th</sup> rau kev kawm kom tiav. Cov menyuum yuavtsum tau kawm ib hoob MPTA math, MPTA English 10, MPTA Biology, MPTA Drafting 1B hab MPTA support 10 nrog uake.</p> <p><i>Yaam yuavtsum tau kawm uantej: MPTA Exploring Technology 9 uas tau qhab-nees "C" rov saud. Cov mivnyuas yuavtsum xeem dhau qhov safety test hauv thawj 5 hnuv uas tuaj kawm. Lawv yuav los sau npe kawm tsis tau tomqab hnuv thib 5<sup>th</sup>. Cov uas xeem tsis dhau qhov safety test yuav raug rho tawm thiab tsis pub kawm MPTA mus ntxiv.</i></p> <p><b>Cov ntaub ntawv uas siv:</b> <i>Technology Today &amp; Tomorrow</i>, Glencoe</p>
<p><b>MPTA Woods 2/Support 10</b></p> <p>Course #12104</p>	<p>Sophomore</p>	<p>5</p>	<p>Hoob no yog tsim los pab cov tub ntxhais uas kawm hauv MPTA kom ua tiav lawv qhov project nyob qib 10. Cov txujci kawm rau Power Point pab kom cov tub ntxhais muaj sijhawm los xyaum rau lawv kev hais lus. Thaum kawm xaus rau hoob no lawv yuav muaj kev qhia (presentation) txog yam uas lawv ua nyob hauv lawv hoob Exploring Technology. Hoob no yuav tsum kawm thooj txhij nrog MPTA Exploring Technology 10, MPTA hoob kawm lej, MPTA hoob kawm Askiv qib 10, MPTA Biology thiab MPTA Drafting 1B.</p> <p><b>Cov ntaub ntawv uas siv :</b> Tsi siv cov phau ntawv los qhia nyob hoob no.</p>
<p><b>MPTA Design and Implementation</b></p> <p>"a-g"/"f" approved</p> <p>Course #12320</p>	<p>Junior</p>	<p>10</p>	<p>Hoob no yuav kawm txog kev tsim kom zoo nkauj thiab siv tswvyim, tsim tus qauv, kos qauv, ua raws li tau npaj lawm. Yuav siv ntoo, hlau, thiab av los txua thiab puab tej yam. Yuav muaj tej yam uas luag muab rau ua thiab xav tau ntawm tus kheej los ua nrog rau kev tsim tej yam raws li tej tus qauv uas luag muaj. Yuav muaj kev xeem ua ntu zus thiab cov menyuum kawm ntawv yuav tau koomtes ua cov projects thiab lwm yam. Txoj kev nrog tsoxmam tias tsim tau puas zoo nkauj yuav yog ib feem hauv txoj kev kawm. Cov credits hauv hoob no suav tau ua ib hoob Visual thiab Performing Arts hauv kev kawm kom tiav. Hoob no suav tau ua ib hoob uas tuamyem kawm rau kev nkag mus rau UC thiab CSU thiab fine arts hauv CSU.</p> <p>Nco Cia: Cov tub ntxhais uas kawm hauv MPTA yuav tsum sau npe kawm thooj txhij nrog rau hauv ib hoob Lej, English 11, U.S. History, Physics and CADD.</p> <p><b>Cov ntaub ntawv uas siv:</b> Tsis siv phau ntawv.</p>



LAGUNA CREEK HIGH SCHOOL

**Manufacturing Production Technology Academy (MPTA) (txuas ntxiv)**

Hoob Kawm	Leejtwg thiaj kawm tau hoob no	Credits	Kev Qhia Txog
<p><b>MPTA Design and Manufacturing</b></p> <p><b>Course #12330</b></p>	<p>Senior</p>	<p>10</p>	<p>Hoob no hais ntau txog kev ntsig txog tej yam zoo nkauj (aesthetics), kev muaj tswvyim tsim ua (creativity), kev teeb kom zoo nkauj (design), kev tsim tus qauv (drafting), thiab kev ua khoom muag (project manufacturing). Cov tub ntxhais hluas yuav tau xyuam xim thaum siv twj hlau los yog cov tshuab loj los tsim ua nws cov khoom. Yuav muaj ua individualized projects (nyias ua nyias) nrog rau lwm yam ntaub ntawv qhia txog tus keeb kwm ntawm kev tsim tus design thiab kev ua khoom muag. Yuav muaj tw xeem raws li sijhawm thiab kev koom tes los ntawm cov tub/ntxhais thaum ua projects nrog rau lwm yam assignments. Thawj 5 hnuv hauv hoob, tus tub/ntxhais yuav tsum xeem kom dhau daim tw xeem hais txog kev xyuam xim, nws thiaj kawm tau ntxiv mus. Tsis pub txais tub/ntxhais ntxiv rau hauv hoob tom qab hnuv qhia ntawv thij 5.</p> <p>Nco Cia: Cov tub ntxhais hauv MPTA apply mus rau CSUS los ntawm ACE Program rau qhov uas yuav rhais tau cov credit no mus rau engineering.</p> <p><b><u>Cov ntaub ntawv uas siv:</u></b> Tsis muaj.</p>
<p><b>MPTA Computer Aided Design/Drafting (CADD)</b></p> <p><b>Course #12100</b></p>	<p>MPTA students only</p>	<p>10</p>	<p>Hoob no yog hoob pib rau txhua hoob CADD. Nws qha ntau txug kev siv computer-aided design/drafting, rua cov kws paub mivntsiv lossis tsi paub le txug CADD, kws yog siv Auto CADD software. Cov mivnyuas kawm ntawv yuav kawm txug computer hardware hab cov program hab khoom siv kws luag muaj tshab. Cov kev qha hab kev ua yuav yog has txug kev siv cov xim, qhov sab, dlaav hab tub, tej txheej hab tej thooj. Yuav muaj kev xyum los teeb dluab hab kawm txug ntau txuj kev kws luag siv lug teeb dluab. Yuav muaj kev qha tas yuav teeb lecaag txhaj hum hab yog. Hoob nuav siv tau ua 10 credits rua kev kawm lej. Cov mivnyuas kawm ntawv yuavtsum kawm kuas dhlau hab tau 10 credits txhaj suav tas paub Technology Proficiency rua kev kawm kuas tav.</p> <p><i>Yaam yuavtsum tau kawm uantej: Ib semester Drafting kws tau C rov sau, lossis xibfwb tsocai rua.</i></p> <p>Qha: Cov mivnyuas kawm MPTA yuav tau ua cov mechanical, civil hab architectural drawing projects. Hoob nuav kawm nrog hoob MPTA Design hab Implementation. Cov mivnyuas kawm MPTA CAD yuav siv kev txawj CAD lug tsim hab ua cov Projects huv MPTA Design and Implementation. Cov mivnyuas kawm MPTA thov tau moog kawm huv CSUS txuj kev kawm ACE Program kws siv cov qhab-nees nuav ua engineering credit. Cov mivnyuas yuavtsum tau kawm hoob MPTA math, MPTA US History, MPTA English 11, MPTA Physics, MPTA Design and Implementation nrog uake.</p> <p><b><u>Cov ntaub ntawv uas siv:</u></b> <i>Applying Auto-Cad, Glencoe</i></p>

**Yog xav paub meej txog cov hoob kawm (academic courses), mus saib Section 1. Thov hu mus rau lub tsev kawm ntawv yog koj xav tau kev qhia ntxiv**

**LAGUNA CREEK HIGH SCHOOL**  
**Sports Careers Academy (SCA)**

Txoj kev kawm Sports Careers Academy (SCA) muaj cov hoob qhia *Health, Sports Journalism thiab Sports Medicine*.

- Txoj kev kawm Sports Careers Academy yog qhia ntau txog cov haujlwm uas hais txog Sports Medicine/Athletic Training.
- Yuav muaj kev qhia txog tus coojpwm thiab cov tswvyim coj ib pab tibneeg hauv cov hoob SCA.
- Yuav muaj kev qhia txog kev ua lub neej thiab kev ua thawjcoj.
- Yuav muaj kev nrog hais rau cov menyuam kawm SCA nkaus xwb.
- Yuav muaj kev koomtes nrog cov tsev lagluam hauv tej zejzog.
- Yuav muaj kev kawm kom paub ntawv .
- Cov menyuam kawm SCA yuav kawm txog kev ua kom yus tes haujlwm itav hauv hoob SCA.
- Yuav muaj kev mus saib cov colleges, tsev lagluam thiab chaw uasi (recreation facilities).

*Cov menyuam uas kawm txoj kev kawm no yuavtsum tau kawm kom tas cov hoob uas hais hauv txoj Career Technical Education Courses li hauv qab no nrog rau cov kev kawm loj uas lawv yuav tau kawm (xws li, Aaskiv, lej, science, social science, etc.) nrog uake (as one cohort).*

**Cov Hoob SCA Academy Kws Yuavtsum Tau Kawm**

**Industry Sector:** Health Science and Medical Technology  
**Pathway:** Therapeutic Services

Grade	Academic 1	Academic 2	Academic 3	CTE	Advocacy
9	English 9	General Science	Health	Scholars 9	Yes
10	English 10	Biology	World History	Intro to Sports Careers	Yes
11	English 11	Anatomy	US History	Intro to Sports Medicine	Yes
12	English 12	US Government	Economics	Intro to Sports Therapy	Yes

Cov hoob CTE uas yuavtsum tau kawm rau txoj kev kawm nuo teev rau hauv qab no.

Hoob Kawm	Leejtwg thiaj kawm tau hoob no	Credits	Kev Qhia Txog
<b>SCA Scholars 9</b>  <b>Course #7575</b>	Freshman	10	Hoob no yuav pab kom cov menyuam yooq tau rau kev kawm hauv high school, qhia tias yuav tau ua dabtsi, cov kev yuav tau paub, thiab kev txhawb kom muaj kev kawm nceqeb. Hoob no tseem yuav pab cov menyuam kom yuav nquag kawm ntawv, txoj kev xav, kev paub kawm, kev npaj tus kheej, thiab xyaum ntawm cov menyuam uas kawm tau zoo.  <b><u>Cov ntaub ntawv uas siv:</u></b> Tsi siv phau ntawv.