

LIBERTY HIGH SCHOOL



Course Catalog 2014-2015

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Pat Walsh, Principal

LIBERTY HIGH SCHOOL



2014-2015 COURSE CATALOG

Principal's Message

The purpose of the Course Catalog is to assist parents and students in the planning of each student's educational career. We encourage you to review all contents in this catalog, and use this document to help you make good decisions regarding your future.

We are proud of the educational program at Liberty High School. Students take core academic classes and a wide variety of electives. Upon arriving at Liberty High School, your student will be assigned to a Grade Level Learning Community (GLLC). Each GLLC consists of an administrator, secretary, teachers, and students. The group goal is to work together to ensure the best education possible. The GLLC becomes a secondary "family" working together for students to be academically successful.

There are very specific courses students must take to meet entrance requirements for our state universities. It is our hope that all graduates of Liberty High School are college ready, whether they choose to go directly to a university, community college, or the world of work. If you plan on going to college, please communicate with your counselor to ensure that the courses you select meet the UC/CSU a-g requirements.

As you will notice in the beginning of this catalog, students have a choice of a variety of academy programs. This is to help guide students toward electives related to career pathways if they choose to participate in an Academy. It is our hope that by the junior or senior year, students will choose an academy emphasis that supports their career and/or personal interests. Please notice all academies address the needs of all learners from college to career. With our A/B block schedule, students can now take a study hall period. The study hall allows students to do homework during the school day as well as offer an opportunity for students to obtain help in classes.

The faculty and staff at Liberty High School provide the best possible education for our students. In partnership with students and families, we work together to ensure all students reach their full potential. Daily attendance, hard work and promptness to all classes are all necessary for success. We hold high expectations, both in behavior and academics, for all of our students. Do your best, every day.

Lion Pride is alive!

A handwritten signature in black ink, appearing to read "Patrick Walsh".

Patrick Walsh
Principal

Liberty High School Mission Statement

“Our mission is to graduate all students with a world class, comprehensive education, ready for post-secondary excellence, through research-based instruction and a collaborative system of support.”

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GLLC COMMUNITIES AND ACADEMY PROGRAMS

For the past several years Liberty High School has explored ways to better support our student's academic success. With that in mind, Grade Level Learning Communities (GLLC) and Academies were created.

Liberty High School has reviewed recent research data indicating that when students and teachers are clustered in small groups, and identify with that group, they work cooperatively and have better relationships with adults and peers.

We at Liberty High School wish to promote a learning environment that allows our students to be highly literate, responsible individuals who can work together for the common good of a group and their individual success.

All students are a part of a Grade Level Learning Community (GLLC). Through the GLLC's we trust that our students will be able to develop long lasting relationships with many members of the community that will serve as their support and/or mentors.

Teachers collaborate by reviewing and developing challenging curriculum while improving instruction practices in the classroom.

Goals for our grade level learning communities are:

- Support students in achieving academic excellence.
- Encourage students and teachers to build trusting relationships.
- Promote professional collaboration among the teaching staff.

All students will have the opportunity to select one of the following four career academies beginning in the 10th grade. Academies are optional.

- Public Art and Design Academy
- Business and Technology Academy
- Health Careers Academy
- Teaching and Learning Careers Academy

Your high school is committed to providing many pathways and options which will help you plan and prepare for your future after graduation. Our academy programs are designed around broad career interests to fit your personal educational needs and goals, whether you are planning to enroll in college, enter technical training, or take your place in the world of work after you leave Liberty.

The purpose of our academies is to prepare you for future success and make school more meaningful. By choosing an academy related to your interests, you will be able to complete an academic program which is related to the world outside of school. An academy will also connect you to a small "family" of students and teachers. Annually, you and your parents will be provided information about each academy. Another good way to find out about the different programs is to ask students who are already academy members

Grade Level Learning Community Leadership Teams

GLLC 9:
Sara Branstetter
Wendy Thigpen
Assistant Principals
Jeni Groseclose, Secretary

GLLC 10:
Kevin Morris Jr.
Assistant Principal
Kellie Callahan, Secretary

GLLC 11:
Sandra Guardado
Assistant Principal
Kathy Agudo, Secretary

GLLC 12:
Ilene Foster
Assistant Principal
Nicole Jackson, Secretary

Counselors

Shannon Abono, Jennifer Bigler, and Christian Jacot

Please contact GLLC office for student counselor assignment

Academy Leadership

Health Careers Academy
Jennifer Heinz
Coordinator

Business and Technology Academy
Stephanie Darling,
Karen Ghannadan
Co-Coordinators

Public Art and Design Academy (PADA)
Katie Collins
Coordinator

Teaching and Learning Careers Academy (TLC)
Kandy Aldana
Coordinator

LIBERTY HIGH SCHOOL GRADUATION REQUIREMENTS

High School Subject Area	Liberty High School Requirements
English	40 credits of English (This may include 10 credits of ELD classes)
Mathematics	30 credits of mathematics thru Geometry
Social Sciences	30 credits of history/social science, including one year of World History, one year of US History, and one semester of American Government and Economics
Science	20 credits including a Life Science and a Physical Science
World Language -or-	10 credits of either visual or performing arts –or- World Language.
Visual and Performing Arts	
Physical Education	20 credits with at least 10 taken in 9 th grade
Health	5 credits
Electives	115 credits minimum
Total Credit Requirement:	270 Total (Full year courses = 10 credits, Semester courses = 5 credits)

Proficiency Requirements: Beginning with the class of 2006, all students must pass the California High School Exit Exam (CAHSEE)

UC / CSU Minimum Eligibility a - g Requirements

Subject Requirements	California State University (CSU)	University of California (UC)
“a”- History/ Social Science	2 years of history/social science, including one year of U.S. History OR one semester of U.S. History and one semester of American Government	
	1 year of history/social science from either the “a” or “g” subject area	1 year of world history, cultures, and geography from the “a” subject area
“b”. English	4 years of college preparatory English composition/literature (including no more than 1 year of Advanced ESL/ELD)	
“c”- Mathematics	3 years of mathematics (algebra I and II, geometry); 4 years recommended*	
“d”- Laboratory Science	2 years of laboratory science	
	At least 1 year of physical science and 1 year of biological science, one from the “d” subject area and the other from the “d” or “g” area**	At least two of the three foundational subjects of biology, chemistry, and physics. Both courses must be from the “d” subject area; 3 years recommended.
“e”- Language Other Than English	2 years of language other than English (must be the same language, American Sign Language accepted.) 3 years recommended*	
“f”- Visual and Performing Arts	1 year long course in visual and performing arts (selected from dance, music, theatre/drama and visual arts).	
“g”- College Prep Elective	1 year of an elective chosen from any area on approved “a-g” course list. Note: Numerous Career Technical Education courses are approved for fulfillment of “a-g” requirements.	
AP Points	Maximum of 8 extra grade points awarded for approved AP courses and transferable college courses. No more than two year-long courses taken in 10 th grade can earn AP points.	

***Students must earn grades of C or better in all “a-g” subject requirements.
UC/CSU “a – g” Approved Courses**

a - Social Science –2 years required plus one semester of American Government.

Course Title:

American Government
AP Government & Politics US*
American Studies/United States History
United States History
AP U.S. History*
World Cultures and Geography
World History
AP World History *

b - English – 4 years required.

Four years of college preparatory English.

Course Title:

English 1
English 2
English 3
American Studies/English 3
AP English 3: English Language and Composition*
English 4:
AP English 4: English Literature and Composition*
Expository Reading and Writing Course

c - Mathematics – 3 years required, 4 years recommended.

Three years of college preparatory mathematics that includes the topics covered in Elementary Algebra, Geometry and Advanced Algebra.

Course Title:

Algebra 1♦
Intensified Algebra ♦
Algebra 2♦
Geometry♦
Intensified Geometry♦
Pre-Calculus
AP Calculus AB*
AP Calculus BC*
Statistics
AP Statistics*

d - Laboratory Science – 2 years required, 3 years recommended.

Two years of laboratory science, including two of the three fundamental disciplines of Biology, Chemistry and Physics.

Course Title:

Anatomy and Physiology
Agricultural Biology
AP Biology*
Biology
Chemistry
Chemistry in the Community
AP Chemistry *
Physics
AP Physics B*

e- Language Other than English – 2 years required, 3 years recommended. *Two years of the same language other than English.*

Course Title:

French 1♦
French 2
French 3

French 4

Spanish 1♦

Spanish 2

Spanish 3

AP Spanish 4: Spanish Language*

Spanish for Spanish Speakers 1♦

f - Visual & Performing Arts (VAPA) – 1 year required

Course Title:

3-D Design
A Cappella Choir♦
Acting and Directing Workshop
Advanced Art
Advanced 3-D Design
Advanced Painting & Drawing
AP Art History*
AP Music Theory*
Beginning Art♦
Ceramics♦
Ceramics II
Concert Choir
Intermediate Art
Jazz Band♦
Multimedia ROP♦
Public Space and Design
Art of Video Production ROP♦
Select Singers♦
AP Studio Art 2-D Design*
AP Studio Art: Drawing*
AP Studio Art: 3-D Design*
Symphonic Band♦
Theatre Arts I
Theatre Arts II
Theatre Arts III
Women's Chorus
Women's Ensemble♦

g - Elective – 1 year required.

Course Title:

Accounting
Agriculture and Natural Resources
Animal Science
Analytical Forensic Science ROP
Business Economics & Marketing
Child Development
Companion Animal Care and Management+
Earth Science
Economics
AP Economics*
AP ROP Environmental Science
Journalism
Literary Analysis through Film
AP Psychology *
Psychology within Society
Sports Medicine ROP
Advanced Sports Medicine ROP
Veterinary Science ROP
Agricultural Business & Economics

♦ cannot be used to fulfill the “g” elective requirement.

* course has been approved for extra honors credit A=5, B=4, C=3

+ pending for UC/CSU a-g credit approval

UC/CSU Requirements TESTING

	California State University (CSU)	University of California (UC)
TEST SCORES – ACT/SAT	Test required for CSU applicants to impacted campuses Test required for CSU applicants to non-impacted campuses, who have earned an “a-g” GPA of less than 3.0. CSU combines best critical reading and math scores from multiple sittings of SAT; may combine best sub scores from multiple ACT tests to calculate a best composite.	Test required for UC applicants UC uses the highest combined score from a single sitting of the ACT Assessment plus Writing or the SAT Reasoning Test.

*Coursework completed in 7th or 8th grade can be used to satisfy “c” and “e” requirements.

**It is best to prepare for both UC and the CSU by completing two laboratory courses for the “d” subject area.

These are the basic minimum requirements. To make yourself more competitively eligible, go beyond the basic requirements with:

- Strong grades in challenging coursework (AP classes or additional classes at a Junior College)
- Participation and Leadership in extra-curricular activities. (Clubs, sports, music, drama, service organizations)
- Participation in available academic enrichment opportunities
- High scores on college entrance exams (take more than once if necessary)
- Taking more than the minimum A-G course requirements

Following is a **SAMPLE** Four-Year Plan meeting the minimum requirements for **University of California*** and **California State University**:

9th Grade Courses (Core Program)	
English 1	Earth Science or Biology
Alg 1 or Geometry	Physical Education
World Language	Health/Computer Applications I
College Prep Elective	College Prep Elective/Study Hall

10th Grade Courses (Core Program)	
English 2	Biology or Chemistry
Geom, Alg II or Pre-Cal	World History/AP
Physical Education	World Language 2
College Prep Elective	College Prep Elective/Study Hall

11th Grade Courses (Core Program)	
English 3/AP	Chemistry, Physics or Anat/Phys
U.S. History/AP	Alg II, PreCal, AP Calc, Statistics
World Language 3	College Prep Elective
College Prep Elective	College Prep Elective/Study Hall

12th Grade Courses (Core Program)	
English 4/AP or ERWC	Government/Econ
Math	World Language 4
Chem, Physics	College Prep Elective
College Prep Elective	

***U.C. recommends exceeding minimum entrance requirements.**

4 years of Math recommended.

3 years of the same World Language recommended.

3 years of Laboratory Science recommended: 1 year must be Physical Science: 1 year must be Life Science.

1 year of Fine Arts or Performing Arts elective required.

For the most up to date information check: <http://doorways.ucop.edu>

Academic Honors at Liberty High School

Honor Roll –

To qualify, a student must receive no current grade below a C and have a total weighted GPA of 3.25 or better.

Academic Letter –

Students are awarded an academic letter based on the following criteria:

1. Total weighted GPA of **3.75** or higher in either the fall or spring semester of the previous school year.
2. A student must have taken a minimum of **five** college prep courses. College preparatory classes are designated with a P.

National Honor Society (NHS) –

Students with a 3.0 or higher academic GPA (as listed on their transcript) are invited to apply for membership in NHS:

1. 3.0 or higher GPA
2. Completed application and signature from any teacher
3. Membership is by semester (must reapply every semester)

California Scholarship Federation (CSF) –

Students who qualify are invited to apply for membership in CSF:

1. A score of 10 CSF points based on the rules of the CSF application and list of approved courses
2. A grade of D or F in any course disqualifies the student from membership
3. Membership is by semester (must reapply every semester)



LIBERTY HIGH SCHOOL

Last Name _____ First Name _____ 2013-2014 Grade _____

Directions: Please select the appropriate required core and elective courses Write in the correct course number and title. Please *DO NOT* sign up for Leadership, Link Crew, Peer Helping, Graphics/Publications or Yearbook. You will complete a course request form during classroom presentations with a counselor.

COURSE SELECTION WORKSHEET			
	COURSE #	COURSE NAME	
1.		English – UC Area “B” 4 Years required English 1 = 3000 (Grade 9) English 2 = 3020 (Grade 10) English 3 = 3070 (Grade 11) English 4 = 3110 (Grade 12)	AP English 3 = 3085 (Grade 11) AP English 4 = 3120 (Grade 12) ERWC = 3125 (Grade 12)
2.		Math – UC Area “C” 3+ years required Algebra 1 = 4630 Geometry = 4670 Algebra 2 = 4690 Pre-Calculus = 4710 Statistics = 4740	AP Calculus = 4720 AP Calculus B/C = 4725 AP Statistics = 4750
3.		Science – UC Area “D” 2+ years lab science Earth Science = 5115 Biology = 5050 Chemistry = 5135	Chemistry in the Community = 5150 Anatomy/Physiology = 5060 Physics = 5180 AP Biology = 5010
4.		History – UC Area “A” 2 years required World Cultures/Geography = 5255 World History = 5240 US History = 5280 Am Government/Econ = 5330/5335	AP World History = 5270 AP US History = 5290 AP Government = 5295
5.		Physical Education/Elective – 2 years required PE Core – Grade 9 = 5750 PE Core – Grade 10 = 5760	PE Elective (Grade 11-12) = 5735
6.		Elective/(World Language – UC “E” 2+ years required)	
7.		Elective/(Fine Arts Class – UC “F” 1 year required)	
8.		Elective	
9.		Elective (alternate)	
10.		Elective (alternate)	
If you would like to participate (or currently participate) in an academy or CTE, please circle your academy choice:			
Academy Choice:		Public Art & Design (PADA)	
		Teaching & Learning (TLC)	
CTE Choice:		Business & Technology	
		Health Careers	

Parents: For your student to be UC/CSU College eligible at graduation, completion of the “a-g” preparatory sequence of classes is required. Please be sure to read page 5 of the course catalog to ensure that your student selects the appropriate classes to qualify to attend the college of their choice.

 Parent Signature

Public Art & Design Academy (PADA)

The Arts and Humanities Academy is a program for students interested in pursuing the Visual Arts. The focus of the PADA program is Public Art work. Students will practice and study ways to create art that is both physically capable of withstanding public spaces as well as the process required for implementing public art. Students will spend time focusing on professional skills and artistic skills as well as post-secondary options. The academy works to provide a closer, more personal learning environment in order to help our Art students be more successful. Graduates of PADA are eligible for the PADA honor medal and certificate of completion.

Additional information and PADA specific course registration sheet may be picked up in the counseling offices or from Ms. Collins in L-4.

10th Grade	11th Grade	12th Grade
English 2	American Studies (English 3) or AP English 3	English 4
World History	American Studies (US Hist.) or AP US History	Government/Econ
Spanish 2 (if eligible)	Spanish 2 or 3 (if eligible)	
Public Space and Design	PADA Core (Public Art Design & Planning)	PADA Internship
Recommended: Visual Art elective**	Recommended: Visual Art Elective	Required: Visual Art Elective

**Students participating in additional Visual Art Elective courses will be eligible for higher honors upon graduation. It is also recommended that students select a course from below to continue improving their artistic skills.

- Beginning Art
- Intermediate Art
- Advanced Art
- Advanced Painting and Drawing
- 3-D Design
- Advanced 3-D Design
- Ceramics I
- Ceramics II
- AP Art History
- AP Studio Art
- Theater Production and Stagecraft I
- Theater Production and Stagecraft II



Business and Technology Academy

Vision

The Business and Technology Academy (BTA) is committed to supporting its students in the pursuit of post-secondary careers and education. Students will graduate from the program with an enhanced view of the role of business and technology in the post-secondary market. Liberty High School's *Business and Technology Academy* strives to be a leader in community relations and business education.

The course sequence subjects of concentration taught within the Business and Technology Academy include:

- Finance and Business
- Information Technology
- Automotive Technology
- Culinary Arts
- Building Trades
- Fashion and Interior Design
- Animal Science and Plant Science



The Business and Technology Academy gears its curriculum, field trips, and guest speakers to those who are interested in pursuing careers and/or further education in the areas of business and/or technology.

Each academic year has a pathway subject area focus; freshmen have their "Introductory" classes; sophomores could have another, "Introductory class" or a "Concentration" of subject matter interest. Junior year is focused on career and college research in collaboration with their mentor teachers, while continuing to advance in their four core subject areas, emphasizing application and research skills along with their subject matter concentration. Their "Concentration or Capstone" class may fulfill the UC and CSU "g" elective credit. Senior year students will take a "Capstone" class and/or their Business and Technology Internship.

Students who complete 30 credits in one of the course sequences with grades of "C" or better are eligible for Business and Technology Academy Certification. Course sequence options are as follows:

Pathways Offered by the Business & Technology Academy

Finance and Business

Introductory (Freshman/Sophomore)	Concentration (Junior)	Capstone (Senior)
Computer Applications I* (9-12)	Accounting I	Business & Economics Marketing (11-12)
Computer Applications II* (9-12)		Business & Technology Academy Internship (12)
Personal Finance (9-12)		

Information Technology

Introduction (Freshman-Sophomore)	Concentration (Junior)	Capstone (Senior)
Computer Applications I* (9-12)	Microsoft Office Specialist (11-12)	Desktop Publishing (ROP) (11-12)
Computer Applications II* (9-12)		Business & Technology Academy Internship (12)

Automotive Technology

Pre-Academy (Freshman)	Introductory (Sophomore)	Concentration (Junior)	Capstone (Senior)
Small Gas Engines* (9-12)	Introduction to Autos (10-12)	ROP Auto Tech (11-12)	ROP Auto Tech (take for 2nd time)
			Business & Technology Academy Internship (12)

*Semester Class

Culinary Arts Pathway

Introductory (Freshman)	Concentration (Sophomore)	Capstone (Junior)	Capstone (Senior)
Computer Applications I* (9-12)	Beginning Foods & Nutrition (9-12)	Culinary & International Cuisine** (10-12)	Business & Technology Academy Internship in (12)
Computer Applications II* (9-12)	<i>LHS's Culinary Arts Pathway articulates with Diablo Valley College</i>		

Building Trades and Construction

Introductory (Freshman/Sophomore)	Concentration (Sophomore/Junior)	Capstone (Senior)
Introduction to Woodworking* (9-12)	Home Improvement (10-12)	Business & Technology Academy Internship (12)

Animal Science & Plant Science Pathways

Year	Animal Science Pathway	Plant Science Pathway
Freshman	Introduction to Agriculture Agriculture Biology++	Introduction to Agriculture Agriculture Biology++
Sophomore	Agriculture Biology++ Companion Animal Care** Livestock Sanitation & Disease	Agriculture Biology++ Agriculture and Natural Resources+ Landscape Design and Horticulture
Junior	Animal Science+ Livestock Sanitation & Disease Agriculture Business & Economics+	Agriculture and Natural Resources+ Landscape Design and Horticulture Agriculture Business & Economics+
Senior	Agriculture Business & Economics+ Agriculture Internship	Agriculture Business & Economics+ Agriculture Internship

* Semester Class

+Fulfills UC/CSU "g" elective credit

++Fulfills UC/CSU "d" lab science credit

**Pending Approval for UC/CSU

Business

Health Careers Academy

Careers in the ever-growing health industry are providing promising futures for students. The Health Careers Pathway provides a solid foundation for Liberty students to begin their exploration in the health industry. With courses that tie academic and real world experiences, our students receive a head start on their higher educational and career pursuits. This pathway provides the education needed to be successful within a two-year or four-year college and health careers entry level position. Our graduates have found positions at such diverse locations as fire stations, hospitals, veterinary clinics, dentist, chiropractic, optometric, and physical therapy offices.

The Health Careers Pathway offers career related courses, job shadowing, mentorship, internships and field trip opportunities. Outside the classroom, students will gain hands-on experience and have opportunities to observe various health career fields. All of these opportunities add up to an incredible educational experience – all before graduation from Liberty.



Suggested 4-year course of study for students following the Health Careers Pathway:

9th Grade	10th Grade	11th Grade	12th Grade
English	English	English	English
Math	Math	Math	Math
Earth Science	Biology	Science	Science
PE	History	History	History
Suggested elective- Computer Applications I/II	PE	Health Careers Core	Health Careers Internship*
Elective	Child Development *	Suggested Elective-	Elective Health Careers Internship*
Elective	Elective	Elective	-----
Elective	Elective	-----	-----

*** Courses high-lighted with a star are required electives for those students who wish to be included in the Health Careers Pathway Program**

Math courses vary at different levels; check with your counselor to be sure you are on the right track for your career and educational needs. (Hint... the more math and science you have, the better prepared you will be for a job in the health career field)

Suggested Electives

Math	Science	Social Science	Miscellaneous
Pre-Calculus	Veterinary Science ROP	World Cultures & Geography	Beginning Foods and Nutrition
AP Calculus	Forensics Science ROP	Psychology in Society	Intro to Agricultural Science
Statistics	Physics or	AP Psychology	Agricultural Business & Economics
	AP Physics		Livestock Sanitation and Disease
	Chemistry		World Language
	AP Chemistry		Computer Applications I or II
	Chemistry in the Community		ROP Sports Medicine
	Food and Nutritional Science		LMC BIOSC 55 Nutrition
			LMC RN Nursing Seminar
			LMC AHLTH 09 Intro to Emergency Medical Care

Teaching and Learning Careers Academy

Teaching and Learning Careers will give students an opportunity to explore careers in education while preparing them for college and providing a close personal learning environment.

TLC is a learning community built on mutual trust and respect where students take priority and are given the ability to develop and find their place in the world. It is based on the California Department of Education model, which is a *school-within-a-school program* whose goal is to motivate students to high academic excellence. It is supported by a California Partnership Academy Grant which incorporates a number of innovative features, including a close family-like atmosphere with integration of academic and career related curriculum, and involvement of employers in a number of different roles, such as adult mentors.

TLC has smaller class sizes (limited to 30). TLC has been funded for the past 10 years and its students have shown improved performance in attendance, credits, grades, and graduation rates.

TLC students earn college credits for completing our program as well.

Required Courses:

TLC Academy participants will be placed in academy sections of the following academic subjects: English, history, science. *(Please indicate your preference for Advanced Placement (AP) English, history or science courses on your course request form)*

10th Grade

Child Development – TLC (no prerequisite) includes work with elementary students at Garin Elementary.

11th Grade

TLC Core (no prerequisite): includes job-shadowing internship at local school site or on campus with County Special Education program or high school mentor teacher.

**11th graders enrolling in TLC academy for the first time are encouraged to also enroll in Child Development TLC if they have not taken Child Development in 10th grade.*

12th Grade

Internship TLC (prerequisite, Child Development, TLC core), one or two periods: includes internship at local school site or on campus with County Special Education program or high school mentor teacher.

**No 12th graders may join TLC for the first time senior year.*



Suggested Courses of Study for Teaching Learning Careers

10 th Grade	11 th Grade	12 th Grade
English 2 - TLC	English 3 - TLC	English 4/ <i>ERWC</i> - TLC
Mathematics – By assignment	Mathematics – by assignment	Government/Economics - TLC
Biology – TLC or Chem Comm/Chemistry - TLC	US History – TLC	Mathematics – (recommended)
World History - TLC	Chem Comm/Chemisty – TLC	TLC Internship
Physical Education	TLC Core	TLC Internship
Child Development TLC (required)	Elective (or TLC Child Development if not taken in 10 th grade)	Elective
Arts and Humanities Elective	Arts and Humanities Elective	Elective/Unscheduled
Elective	Elective	Elective/Unscheduled

Academic Programs

Advanced Placement (AP) Courses

Advanced Placement courses give students the opportunity to take college level courses in a high school setting. AP courses also prepare students to take specific AP examinations which can earn them college credits. A grade of 3, 4, or 5 on the AP exam could earn college credits depending on each individual college's rules and requirements. AP courses also grant an extra grade point with a "C" grade or better in the class. The Liberty Union High School District has an open enrollment policy for its AP courses, meaning they are open to all highly motivated students. However, be aware that there is a great deal of outside reading, writing, and studying in addition to the work done in class. If you are interested in taking AP classes please discuss the matter with your parents, school counselor, and the teacher of the AP classes which interest you.

AP Art History	Mr. Cornwell
AP Studio Art – 2-D Design	Mr. Cornwell
AP Studio Art – Drawing	Mr. Cornwell
AP Studio Art 3-D Design	Mr. Cornwell
AP English Language (3)	Ms. Snover/Rodriguez
AP World History	Ms. Beaver
AP Psychology	Ms. Capelli/ Mr. Key
AP English Literature (4)	Ms. MacDonald
AP Biology	Ms. Wilson
AP U.S. History	Mr. Taylor
AP Government	Mr. Taylor
AP Calculus AB	Ms. Swenson
AP Calculus BC	Ms. Stillwell
AP Statistics	Ms. Weinert
AP Spanish Language 4	Mr. Ortega
AP Chemistry	
AP Environmental Science	Ms. Hubbard
AP Physics	Ms. Ruddick
AP Music Theory	

The College Board charges a fee for each Advanced Placement test taken. However, if a student participates in the National School Lunch Program, the fee is waived up to 95%. See AP coordinators' office for more information about fees and fee waivers.

Regional Occupational Programs (ROP) Courses

What is ROP?

Operated by the Contra Costa County Office of Education, ROP has been the primary source of career training for high school students in our county for the past 33 years. State certified teachers, high tech equipment and a commitment to students ensure a positive learning experience. Located on high school campuses, ROP courses are taken as part of a student's regular high school schedule. Students advance through 90-540 hours of sequenced curriculum and earn high school graduation credits and /or college units. Students can earn Certificates of Proficiency upon successful completion of the class.

Advantages of ROP:

Students can use ROP courses to gain employment skills, explore a career field, get a head start on their college major, or "try out" a career choice through internships available in many classes. Many students use their newly acquired skills to work part-time after graduation to help pay college expenses.

To enroll in an ROP Class:

Indicate the course on your schedule for next year. **Please be advised that students MUST be 16 years of age to enroll in an ROP class.**

The following ROP classes are offered:

ROP Veterinary Science
ROP Desktop Publishing
ROP Sports Medicine
ROP Sports Medicine II
ROP Analytical Forensic Science

ROP Automotive Technology
ROP Multimedia
ROP Art of Video Production
ROP TV/Video Production
ROP Environmental Science (AP)



For more information:

<http://www.cocoschools.org/rop>

COURSE DESCRIPTION

ALL COURSES THAT ARE UC/CSU COLLEGE PREP ARE DENOTED WITH A 'P' IN FRONT OF THE COURSE TITLE

ACADEMY (PADA and TLC Academy)

P-Public Space & Design **Course #1523**
Grade Level: 10
Length: Year Class
Prerequisite: None
Graduation: Fulfills Fine Arts requirement /elective credit.
College Prep: Fulfills VAPA ("F") requirement for UC/CSU
Description: This class is the introductory class for the PADA Academy. This class will focus on public art, and its relationship between the city and its' population. The class is an exploratory class on all aspects of public art: history, purpose, placement, value, and types of media used such as concrete, paint, glass, wood, iron, steel and ceramic. The students will work in groups to prepare public style art, exploring the media and learn to understand how it will survive and be affected by the environment. *Course required for PADA sophomores.*

P-Public Art & Design Academy Core **Course# 1302**
Grade: 11
Length: Year Class
Prerequisite: Must be in the PADA Academy.
Graduation: Fulfills Fine Arts requirement /elective credit
College Prep: Fulfills VAPA ("F") requirement for UC/CSU
Description: This class is the second class in the series for the PADA Academy. This class is a class that will focus on public art and its planning. The expansion from the previous year's public space and design class' concept of public art will be addressed as students learn about the uses and purpose of public art. Students will develop skills in presentations, public speaking, graphic design/advertising, and develop a plan and investigate their personal career goals. Students will work as a team and individually throughout the year creating and planning public art. The course projects will develop from in-class artwork to working with the Brentwood Art Commission to prepare for producing public art for their senior year intern class. *Course required for PADA juniors.*

Academy Internship PADA **Course #1305**
(Sr. Year) Internship
Grade Level: 12
Length: Year Class
Prerequisite: American Studies, teacher approval
Graduation: Fulfills elective credits.
Description: Internship course is designed to give academy students career experience in the visual arts, particularly in the career area of public art. This course will focus on professional behaviors that will give students a competitive edge in the work force after Liberty High School. Students will spend most of the year working as a team to complete a work of public art for the City of Brentwood. *Course required for the PADA seniors.*

P-Child Development TLC **Course #1710**
Grade Level: 10-11
Length: Year Class
Prerequisite: Enrolled in TLC Academy
Graduation: Fulfills elective credits.
College Prep: Fulfills UC/CSU elective ("g") requirement.
Description: Development of the child from prenatal to infancy; developmental characteristics and influences affecting early development; individual differences; physical, intellectual, social, emotional, and personality/temperament factors. Emphasis on theories, research, and states of development. *Course required for TLC sophomores.*

Teaching and Learning Careers Core **Course# 1690**
Grade Level: 11-12
Length: Year Class
Prerequisite: Child Development TLC
Graduation: Fulfills elective credits
Description: Introduction to theories and practice related to the fields of education, training, and counseling - Emphasis on learners, schools, and the teaching/training process. Students will attend a weekly lab job shadowing at area school sites. *Course required for TLC juniors.*

Academy Internship TLC **Course #1615**
(Sr. Year) Internship
Grade Level: 12
Length: Year Class
Prerequisite: TLC Core
Graduation: Fulfills elective credits.
Description: This is a continuation of the junior year Core class. Emphasis on issues related to career/majors in education and training; application of principles and skills through participation in practice teaching/training at area school sites. *Course required for TLC seniors.*

AGRICULTURE

Introduction to Agriculture Science **Course #1010**
Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Elective credit.
Description: Introduction of Agriculture Science is an introduction to all agriculture courses. It covers a broad spectrum of topics including livestock production, plant science, California agriculture, leadership and careers in agriculture. Future Farmers of America is an integral part of this course.

P-Agricultural Biology **Course #1025**
Grade Level: 9-12
Length: Year Class
Prerequisite: Intro to Agriculture or concurrent enrollment in Intro to Agriculture
Graduation: Fulfills Life Science requirement
College Prep: Fulfills UC/CSU requirement for ("d") lab sciences.
Description: Agricultural Biology is a laboratory science course designed for the college-bound student. The course emphasizes detailed knowledge of the biological principles of the following areas: Molecular and cellular aspects of living things, structure and function of agricultural plants and animals, genetics, physiology, plant and animal diversity and principles of classification, ecological relationships, and animal behavior. In addition to meeting the one year life science graduation requirement, this course fulfills the UC and CSU entrance requirements for laboratory science.

P-Agriculture & Natural Resources **Course #1015**
Grade Level: 11-12
Length: Year Class
Prerequisite: Completion of algebra I or concurrent enrollment
Graduation: Elective credit.
College Prep: Fulfills UC/CSU elective ("g") requirement
Description: This course is designed to provide the student with theories and principles related to Agriculture and Natural Resources. Students will learn about the science in natural

resources, conservation, soil, water, wildlife classification & habitat, forest species, air pollution, land quality, weather & climate, environmental impact on mineral use, sustainable agriculture systems and waste management.

P-Agriculture Business & Economics Course #1027
Grade Level: 10-12
Length: Year Class
Prerequisite: Introduction to Agriculture, Agricultural Biology or instructor approval
Graduation: Elective Credit
College Prep: Fulfills UC/CSU elective ("g") requirement
Description: This course is designed for advanced study of agriculture business opportunities and economics for the college bound student with interest in agriculture. Through the course, the student will understand and apply basic economic principles as they relate to individual consumers, production agriculture, and agri-business management. Life skills such as resumes, job applications, interview skills and college and scholarship applications will be included. The students will develop a "business" that will produce, package, determine prices, and market their products. Students will keep accurate records of expenses, receipts and profit/losses. At the conclusion of the course, profits will be split equally between the partners.

P-Animal Science Course #1018
Grade Level: 10-12
Length: Year Class
Prerequisite: Introduction to Agriculture or instructor approval
Graduation: Elective credit.
College Prep: Fulfills UC/CSU elective ("g") requirement
Description: Animal Science is an advanced course designed for students who have career interest in the production of livestock: beef, sheep, and swine. This lecture and laboratory course teaches the basic principles of large domestic farm animals (breeds, reproduction, selection, and evaluation). Managerial practices are also a major segment of the course. The curriculum for Animal Science reinforces scientific principles from Intro to Agriculture Science.

P-Companion Animal Care & Management Course #1023
Grade Level: 9-11
Length: Year class
Prerequisite: Introduction to Agriculture
Graduation: Elective credit
College Prep: Pending UC/CSU elective ("g") requirement
Description: This course includes instruction in companion animal care to include: health and safety, sanitation, anatomy, physiology, animal behavior, animal nutrition, medical terminology, infectious diseases, diagnostic and therapeutic procedures. Animals to be focused on include dogs, cats, birds, reptiles, amphibians, rodents and lagomorphs (chinchillas, guinea pigs, hamsters, ferrets, mice and rats). In addition, students will receive instruction in the business/ financial aspects of the companion animal enterprise. Course is designed to build upon the knowledge covered in Introduction to Agricultural Science.

APPLIED TECHNOLOGY

Small Gas Engine Course #4005
Grade Level: 9-12
Length: Semester Class
Prerequisite: None
Graduation: Elective
Description: Small Gas Engine is an introductory class for the auto program that will go over the basics of safety, tools and the mechanics of a motor through the disassembly and reassembly of a small one cylinder motor. Students will demonstrate ability to repair small engines such as lawn, garden, and small engines

used in agriculture. This course will prepare students for the beginning auto class by teaching them safety, tool use and the basic operations of an engine. *Class size is limited to available workstations.*

Introduction to Auto Course #4000
Grade Level: 10-12
Length: Year Class
Prerequisite: None
Graduation: Elective credit.
Description: Intro to Autos covers the complete automobile including theory of operation, repair, maintenance, and consumerism in repair and purchase. This course is recommended prior to ROP Auto Technology.

ROP Auto Technology Course #4010
Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: None/Intro to Autos Recommended
Graduation: Elective credit. May be repeated
Description: Class is especially useful for those going into the automotive field. Future employment and opportunities are stressed. The class will cover diagnosis and repair of the following systems: electrical, fuel, ignition, emission control, computer control and brakes. Engine mechanical diagnosis and rebuilding are also included. ROP Certificate given for sequential years.

Introduction to Broadcasting and Media Course #4055
Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills 10 units of elective requirements
Description: This is an entry-level course covering all aspects of the broadcast and mass media industries. Course includes history of broadcasting and television, cable television, radio, sports and movies as an important form of communication. The study of vocabulary, safety and basic hands-on production skills will be developed and implemented.

P-ROP Multimedia Course #4115
Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: None – Intermediate computer skills recommended
Graduation: Elective credit.
College Prep: Fulfills VAPA ("f") requirement for UC/CSU.
Description: Students will learn skills for combining text, video, graphics and sound to create multimedia presentations that can be used in business, publishing, advertising, marketing, teaching, or informational services. The course uses hands-on training to prepare for employment by creating a digital resume and beginning an electronic portfolio. Emphasis will be on digital compositing and special visual effects for film and video.



ROP TV/Video Production Course #4090
Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: Basic computer skills
Graduation: Elective credits.
Description: ROP Video Production provides students the opportunity to develop basic video production techniques. Students will design, shoot, edit, and write and produce video projects.

P-ROP Art of Video Production**Course #6183****Grade Level:** 11-12 or age 16**Length:** Year Class**Prerequisite:** ROP TV/Video Production or ROP Multimedia**Graduation:** Fulfills Fine Arts requirement or elective credits.**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU.**Description:** This course uses computers and video equipment to plan, shoot, and edit high-quality documentary, educational, and dramatic videos.**Introduction to Woodworking****Course #4180****Grade Level:** 9-12**Length:** Semester Class**Prerequisite:** None**Graduation:** Elective credit.**Description:** This is an entry-level class designed to familiarize the student with all aspects of woodworking and the woodworking industry. The student will be exposed to the use of power hand tools; become familiar with the characteristics of hardwoods and softwoods used in the industry, and learn many of the basic techniques used in woodworking. Shop safety and basic hand tool skills will be emphasized and reinforced as students complete several projects.**Home Improvement****Course #4060****Grade:** 9-12**Length:** Year Class**Prerequisite:** None**Graduation:** Elective credit**Description:** Home Improvement is designed to provide all students an opportunity to develop survival skills as homeowners and renters. Major units will emphasize troubleshooting, maintenance, repair, and upgrading of specific areas within the home and in the yard. Students will build and repair actual prototypes of common household systems.**VISUAL ARTS****P-Beginning Art****Course #1506****Grade Level:** 9-12**Length:** Year Class**Prerequisite:** None**Graduation:** Fulfills Fine Arts requirement or elective credit.**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU.**Description:** Beginning Art is a standards-based class. This class is for beginning art students. This course introduces the student to basic concepts of artistic perception, creative expression, historical and cultural context, aesthetic valuing, and connections, relations, and applications, using a wide variety of materials to create art projects.**P-Intermediate Art****Course #1516****Grade Level:** 10-12**Length:** Year Class**Prerequisite:** Beginning Art or approval of instructor**Graduation:** Fulfills Fine Arts or elective credit**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU.**Description:** Intermediate Art is a standards-based course that focuses on a variety of drawing and painting techniques the first ½ Year and creating a student portfolio during the 2nd ½ Year utilizing those skills. A sketchbook will be required to be worked on outside of class. May be repeated for credit.**P-Advanced Art****Course #1520****Grade Level:** 10-12**Length:** Year Class**Prerequisite:** One year of beginning or intermediate art**Graduation:** Fulfills Fine Arts requirement or elective credit.**College Prep:** Fulfills VAPA ("f") and/or elective ("g") requirement for UC/CSU.**Description:** Advanced Art furthers the students' knowledge, gained in Beginning Art and Intermediate Art, of design concepts, harmonious relationships among line, value, color, texture, and form. The student will use a variety of techniques and various resources including written information to gain, a greater knowledge of art history and aesthetics. Students will also be required to create a portfolio. May be repeated for credit**P-Advanced Painting and Drawing****Course #1570****Grade Level:** 10-12**Length:** Year Class**Prerequisite:** Beginning, intermediate art or instructor approval**Graduation:** Fulfills Fine Arts requirement or elective credit.**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU**Description:** Advanced Painting and Drawing expands the student's knowledge of design concepts gained in Beginning Art and/or Intermediate Art. The student will create paintings and drawings utilizing a variety of techniques and materials with the emphasis on acrylic/oil painting. May be repeated for credit.**P-3-D Design****Course #1546****Grade Level:** 9-12**Length:** Year Class**Prerequisite:** None**Graduation:** Fulfills arts requirement for graduation**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU.**Description:** 3D Design is a sculpture class. Students will build a wide range of sculptures using a variety of different mediums, sculpting techniques, terminology and history of sculpting will be taught.**P-Advanced 3-D Design****Course #1547****Grade Level:** 10-12**Length:** Year Class**Prerequisite:** Successful completion of 3-D Design**Graduation:** Fulfills fine arts requirement for graduation**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU.**Description:** This course is designed for the serious art student who wants to continue working with dimensional design in a more advanced manner. Course work and individual assignments will be emphasized throughout the year. This course may be repeated for credit with a grade of B" or better and the permission of the instructor**P-Ceramics I****Course #1831****Grade Level:** 10-12**Length:** Year Class**Prerequisite:** None**Graduation:** Fulfills Fine Arts or elective requirement.**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU.**Description:** This Ceramics course will cover the basic hand building methods and decorative techniques. Creative design and individual expression will be emphasized through functional projects. Students will gain an appreciation of historical and contemporary ceramics.**P-Ceramics II****Course #1832****Grade Level:** 11-12**Length:** Year Class**Prerequisite:** Ceramics I**Graduation:** Fulfills Fine Arts or elective requirement.**College Prep:** Fulfills VAPA ("f") requirement for UC/CSU**Description:** The Ceramics course will cover the complex hand building methods, wheel methods and decorative techniques. Creative design and individual expression will be emphasized through functional and non-functional (abstract) projects.

Students will expand on their appreciation of historical and contemporary ceramics.

P- AP Art History

Course #1575

Grade Level: 10-12

Length: Year Class

Prerequisite: None

Graduation: Fulfills Fine Arts requirement - elective credit

College Prep: Fulfills VAPA ("f") requirement for CSU/ UC.

Description: An intensive course for the student interested in studying the effect of art on our world. Students participate in critiques and discussions of masterpieces. A field trip to a museum or gallery will facilitate the student's understanding of art as history. Serious students with strong writing skills should be able to pass the advanced placement exam for college credit. A mandatory parent meeting will be scheduled in the year preceding the course.

P-AP Studio Art (2-D Design)

Course #1583

Grade Level: 10-12

Length: Year Class

Prerequisite: Intermediate, advanced art, or advanced painting and drawing recommended or concurrent enrollment in advanced art.

Graduation: Fulfills Fine Arts requirement/elective credit

College Prep: Fulfills VAPA ("f") requirement for CSU /UC.

Description: AP Studio Art enables students to do college-level work in studio art while still in high school. AP Studio Art is not based on a written examination, but instead candidates submit a portfolio of work for evaluation at the end of the school year. Three sections of the portfolio are:

- *Quality* - the development of a sense of excellence in art.
- *Concentration* - a commitment in depth to a particular artistic concern.
- *Breadth* - a variety of experiences in the formal, technical, and expressive means available to an artist. Students may select to do either a Drawing, 2-D or 3-D Portfolio. Students may repeat the course

P-AP Studio Art Drawing

Course #1576

Grade Level: 10-12

Length: Year Class

Prerequisite: Beginning art and highly recommended intermediate or advanced art, or advanced painting and drawing or concurrent enrollment in one of these courses.

Graduation: Fulfills Fine Arts requirement/elective credit

College Prep: Fulfills VAPA ("f") requirement for CSU /UC.

Description: AP studio art drawing is a studio art class that expands students' artistic skills, encouraging them to explore a theme or area of interest to refine their individual skills in drawing. Through the process of discovery students will need to make informed decisions while creating a body of work that demonstrates a high level of quality and growth over the year through technique, content and process.

P-AP Studio Art 3-D Design

Course #1577

Grade Level: 10-12

Length: Year Class

Prerequisite: Ceramics I or 3-D design, highly recommended ceramics 2 or advanced 3-D or instructor approval.

Graduation: Fulfills Fine Arts requirement/elective credit

College Prep: Fulfills VAPA ("f") requirement for CSU /UC.

Description: AP studio art 3-D expands students' artistic skills, encouraging them to explore a theme or area of interest to refine their individual skills in 3-D design. Students will need to make informed decisions while creating a body of work that

demonstrates a high level of quality and growth over the year through technique, content and process.

Publications/Graphic Art (Yearbook)

Course #3195

Grade Level: 9-12

Length: Year Class

Prerequisite: Application process ONLY or instructor approval

Graduation: Fulfills Fine Arts requirement.

Description: This course teaches basic production techniques which focus on copy writing, placement, layout design and continuity, photographic processes, advertising, marketing, sales promotion, and how to meet deadlines. Opportunities in photography journalism, computer graphics and graphic design will be provided. The final product is the Liberty High School yearbook.

PERFORMING ARTS

P-Theatre Arts I

Course #6104

Grade Level: 9-12

Length: Year Class

Prerequisite: None

Graduation: Fulfills Fine Arts requirement /elective credit.

College Prep: Fulfills VAPA ("f") requirement for CSU /UC

Description: This is an introductory course giving students a survey of various aspects of theatre and drama. Students will learn basic theatre information in a fun, comfortable atmosphere.

P-Theatre Arts II

Course #6166

Grade Level: 9-12

Length: Year Class

Prerequisite: Theater Arts I or audition, testing and interview

Graduation: Fulfills Fine Arts requirement /elective credit.

College Prep: Fulfills VAPA ("f") requirement for CSU /UC

Description: This course is designed to provide instruction and experience for students who wish to become proficient in theatre vocabulary and techniques through a variety of performance experiences, and other activities.

P-Theatre Arts III

Course # 6176

Grade Level: 10-12

Length: Year Class

Prerequisite: Theatre Arts I, II or audition, testing and interview

Graduation: Fulfills Fine Arts requirement /elective credit.

College Prep: Fulfills VAPA ("f") requirement for UC/CSU

Description: This course is designed to provide instruction and experience for students who wish to develop more proficient knowledge in theatre vocabulary and acting techniques through a variety of performance experiences, and other activities.

P-Acting and Directing Workshop

Course #6190

Grade Level: 10-12

Length: Year Class

Prerequisite: Introduction to theatre and dram AND successful completion of entrance requirements (audition, testing and interview). Beginning acting and intermediate acting required if determined by instructor.

Graduation: Fulfills Fine Arts requirement /elective credit.

College Prep: Fulfills VAPA ("f") requirement for UC/CSU.

Description: This is an advanced level course designed to provide instruction and experience for students who wish to bring the proficiency of their theatre skills to an advanced level. Students will participate in a variety of performance experiences. This course will enhance the community by raising the aesthetic appreciation of the arts and reinforcing the value of the arts to society.

Theatre Production and Stagecraft I**Course # 6130***Grade Level:* 9-12*Length:* Year Class*Prerequisite:* None*Graduation:* Fulfills Fine Arts requirement /elective credit*Description:* Theatre Production and Stagecraft I is a one year course designed for students who desire to learn various facets of non-performance and technical theatre production work. The course provides an opportunity for the practical application of the knowledge and skills learned. Students may apply design and technical knowledge to support a school production.**Theatre Production and Stagecraft II****Course # 6136***Grade Level:* 10-12*Length:* Year Class*Prerequisite:* Completion of Theatre Production and Stagecraft I*Graduation:* Fulfills Fine Arts requirement /elective credit.*Description:* Theatre Production and Stagecraft II is a one year course designed for students who desire to advance their proficiency in various facets or non-performance and technical theatre production work. The course provides an opportunity for the practical application of the knowledge and skills learned. Students will function as a part of a technical team in planning, implementing, and running the technical aspects of theatrical productions. Students may apply design and technical knowledge to support a school production.**Concert Band****Course # 6012***Grade Level:* 9-12*Length:* Year Class- May be repeated for credit*Prerequisite:* Permission of instructor.*Graduation:* Fulfills Fine Arts requirement or elective credit.*Description:* Concert band is a performance ensemble for first year high school or entry level band students. Other performances will include holiday and spring concerts and music festival performances. Members of this class become the LHS marching band. All rehearsals (including band camp) and performances are mandatory.**P-Symphonic Band****Course #6020***Grade Level:* 9-12*Length:* Year Class- may repeat for credit.*Prerequisite:* One year concert band or instructor approval*Graduation:* Fulfills Fine Arts requirement/ elective credit.*College Prep:* Fulfills VAPA ("F") requirement for UC/CSU.*Description:* Symphonic band is an advanced performance ensemble for advanced high school musicians. Other performances will include home concerts as well as performances at other high schools, colleges, and festivals. All rehearsals (including band camp) and performances are mandatory.**Marching Band Auxiliary****Course # 6040***Grade Level:* 9-12*Length:* Semester Class – fall only*Prerequisite:* Audition*Graduation:* Fulfills Fine Arts requirement or elective credit.*Description:* Marching band auxiliary units perform at all marching events in the fall. After football season, they form a winter guard/drumline and perform at competitions in Northern California. Additional rehearsals are held after school. All rehearsals and performances are required.**P- Jazz Band 1****Course # 6026***Grade Level:* 9-12*Length:* Year Class*Prerequisite:* Concurrent enrollment in Symphonic Band, Concert Band, or Orchestra and/or permission of instructor.*Graduation:* Fulfills one year of Fine Arts graduation requirement*College Prep:* Fulfills VAPA ("F") requirement for UC/CSU.*Description:* Jazz band 1 is an introductory instrumental music and theory class designed to provide the basic theory, technique and knowledge of performance practices and concepts of various styles of Jazz music. This basic ability will provide a beginning source for aesthetic enjoyment and performance abilities. Students will be given the opportunity to learn all modes of scales used in the Jazz styles. Emphasis will be given to learning to play in a "swinging" style, in each mode, and basic improvisational techniques within those modes. There will be a minimum of 2 concert performances per year. This class is a pre-requisite to the advanced Jazz Ensemble.**P-Jazz Band 2****Course #6028***Grade Level:* 9-12*Length:* Year Class – May be repeated for credit*Prerequisite:* Concurrent enrollment in Symphonic or Concert Band and permission of instructor through audition.*Graduation:* Fulfills Fine Arts requirement /elective credit.*College Prep:* Fulfills VAPA ("F") requirement for UC/CSU.*Description:* Jazz band 2 is an advanced music and theory class for students wanting instruction and practice in the performance of jazz music. Many jazz styles are studied as well as music theory. All rehearsals and performances are required.**Orchestra****Course # 6036***Grade Level:* 9-12*Length:* Year Class - May be repeated for credit.*Prerequisite:* Permission of Instructor*Graduation:* Fulfills Fine Arts requirements.*Description:* Designed primarily (but not solely) for students who play string instruments (i.e. violin, viola, cello, and double bass) and/or experienced piano students. Students perform at various concerts, festivals, and occasions as well as the holiday and spring concerts. All performances are required.**Instrumental Studies****Course #6050***Grade Level:* 9-12*Course Length:* Semester*Prerequisite:* None*Graduation:* Meets one semester of Fine Arts requirement
Description: Instrumental Studies is an instrumental music class designed for the beginning student. Instruction in wind, guitar, and piano is available. Beginning students are given group and individual instruction on the fundamentals of their instrument to prepare them for ensemble performance. Emphasis is on basic instrumental proficiency and musicianship.**P-Women's Chorus****Course #6086***Grade Level:* 9-12*Length:* Year Class- May be repeated for credit.*Prerequisite:* None*Graduation:* Fulfills Fine Arts requirements.*College Prep:* Fulfills VAPA ("F") requirement for UC/CSU*Description:* Women's Chorus is a choral music class designed for those students with little or no vocal experience. Students must be able to match pitch. Emphasis is on beginning musicianship, vocal production, and vocal technique. All performances are mandatory.

P-Concert Choir**Course #6099**

Grade Level: 9-12
Length: Year Class- May be repeated for credit.
Prerequisite: None
Graduation: Fulfills Fine Arts requirements.
College Prep: Fulfills VAPA ("f") requirement for UC/CSU
Description: Concert choir is a beginning to intermediate choral ensemble with an emphasis on musicianship, vocal production and vocal techniques. All performances are mandatory.

P-A Cappella Choir**Course # 6092**

Grade Level: 9-12
Length: Year Class- May be repeated for credit
Prerequisite: One year concert or women's chorus and/or permission of instructor by audition.
Graduation: Fulfills Fine Arts requirement or elective credits.
College Prep: Fulfills VAPA ("f") requirement for UC/CSU
Description: A Cappella Choir is an intermediate choral music class designed for singers with significant vocal/choral experience. Emphasis is on Intermediate musicianship, vocal/choral production and vocal/choral technique. All performances are mandatory. May be repeated for credit

P-Women's Ensemble**Course #6142**

Grade Level: 10-12
Length: Year Class – May be repeated for credit
Prerequisite: One year of Men's/Women's Chorus and/or audition/permission of instructor.
Graduation: Fulfills Fine Arts requirements or elective credit.
College Prep: Fulfills VAPA ("f") requirement for UC/CSU
Description: Women's ensemble is an intermediate choral music class designed for women with significant vocal/choral experience. Emphasis is on Intermediate musicianship, vocal/choral production, and vocal/choral technique. All performances are mandatory. May be repeated for credit.

P-Select Singers**Course # 6100**

Grade Level: 9-12
Length: Year Class - May be repeated for credit.
Prerequisite: A Cappella Choir/Women's Ensemble and/or audition/permission of instructor.
Graduation: Fulfills Fine Arts requirement or elective credit.
College Prep: Fulfills VAPA ("f") requirement for UC/CSU.
Description: Select Singers is an advanced choral music class designed for singers displaying a high degree of vocal/choral experience and skill. Emphasis is on more advanced facets of musicianship, vocal/choral production and vocal/choral technique. All performances are mandatory. *Students enrolled in this class must be concurrently enrolled in either a cappella choir or women's ensemble.

P-AP Music Theory**Course# 6068**

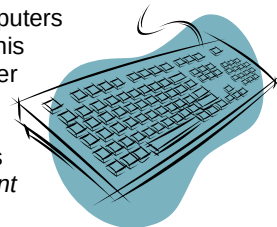
Grade Level: 10-12
Length: Year Class
Prerequisite: Proficient in Music Reading
Graduation: Fulfills Fine Arts requirement /elective credit.
College Prep: Fulfills VAPA ("f") requirement for UC/CSU.
Description: This course is designed to prepare students for the Advanced Placement Music Theory Exam. Students will develop awareness and understanding of the styles, idioms, performance media and purposes of music that are part of our multi-cultural heritage.

BUSINESS & TECHNOLOGY

An Acceptable Use Policy (AUP) contract, signed by parent/guardian and student, must be on file prior to students using computers on campus (This is done each year at Walk-Thru.)

Computer Applications I**Course # 2301**

Grade Level: 9-12
Length: Semester Class
Prerequisite: None
Graduation: Fulfills elective credits.
Description: Learn how to make computers work for you on your road to success. In this class you will learn how to use the computer efficiently to create documents such as MLA style reports and business communications; safely use the Internet as a tool; and develop professional PowerPoint presentations. This course applies toward Business and Technology Academy certification.

**Computer Applications II****Course #2302**

Grade Level: 9-12
Length: Semester Class
Prerequisite: Computer Applications I or instructor approval
Graduation: Fulfills elective credit.
Description: Do you want to improve your computer skills for Common Core Testing? This class is perfect for you to learn how to create reports in Microsoft Office Word, design powerful Microsoft Office PowerPoint presentations and manipulate formulas and data in Microsoft Office Excel worksheets. Students learn how to create, edit and format common business and personal documents such as letters, memos, reports and flyers. This course applies towards Business and Technology Academy certification.

Microsoft Office Specialist**Course # 4081**

Grade Level: 11-12
Length: Year Class
Prerequisite: Two of the following courses: Computer Applications I, Computer Applications II; Microsoft Office Basics
Graduation: Fulfills elective credit. May be repeated
Description: Are you looking to continue improving your computer skills for Common Core Testing? This skills/performance-based class provides the student the opportunity to learn features of word process; spreadsheet and graphic presentation software to solve common business problems and to create common business and personal documents. Microsoft Office Suite which includes Word, Excel, PowerPoint and Access is one of the most commonly used software tools used by American businesses today. This course applies towards Business and Technology Academy certification.

ROP Desktop Publishing**Course #2090**

Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: Basic computer skills
Graduation: Fulfills elective credit. (May be repeated-20 Credits)
Description: Using Adobe InDesign and Photoshop software, Desktop Publishing introduces the fundamentals of creating flyers, ads, brochures, announcements, invitations, greeting cards, business cards, letterheads, envelopes, and handbooks. Placement, sizing, cropping of graphics, print styles, and font sizes are included. Students complete special projects for teachers, business, and school offices. Business and Technology Academy Certification Course

Personal Finance**Course #2596**

Grade Level: 9-12
Length: Semester Class
Prerequisite: Computer applications recommended
Graduation: Fulfills elective credits.
Description: Personal Finance introduces students to understanding personal finance decisions. Students will learn how to plan and manage their personal finances, achieve a financially successful life, and take financial responsibility as a citizen. This should lead to students thinking about the larger consequences of making financial decisions. Although many of the more practical aspects of personal finance will change over time, due to practices, technologies, customs, and laws, the fundamental awareness of ways to think well about solving financial issues remains constant.

P-Accounting I**Course #2011**

Grade Level: 11-12; 10th with Instructor approval.
Length: Year Class
Prerequisite: Algebra I; computer applications recommended
College Prep: Fulfills "g" requirement for UC/CSU
Graduation: Fulfills elective credits.
Description: This course focuses on the fundamentals of accounting. It provides a solid foundation for the student who is planning on studying business, accounting, or economics at the collegiate level. Students will be exploring financial and managerial accounting as it pertains to sole proprietorships, partnerships, and corporations. Special emphasis will be placed on the accounting cycle, maintaining bank accounts, preparing financial statements and reports, analyzing results, and making sound business decisions to promote a financially healthy business. This is a *Business and Technology Academy* certification course.

P-Business Economics and Marketing**Course #2275**

Grade Level: 11-12
Length: Year Class
Prerequisite: Computer applications recommended
Graduation: Fulfills elective credits.
College Prep: Fulfills "g" requirement for UC/CSU
Description: The focus of the course is on how individuals and societies make choices among alternative uses of scarce resources and how business reacts and interacts in the decision making process. Major topics include: fundamental economic concepts, microeconomics, macroeconomics, global economics and international business, as well as, basic business management, marketing and entrepreneurial concepts. This is a *Business and Technology Academy* certification course.

CONSUMER HOME ECONOMICS**Beginning Foods and Nutrition****Course #2540**

Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills elective credits.
Description: Are you worried about how to cook for yourself when you leave home? This course will teach you basic knife handling, food safety practices and working in the kitchen. You will learn how to make basic foods, nutritional breakdown of foods and meal planning. You will master the art of pizza making and more! This is a *Business and Technology Academy* certification course.

**Culinary Arts & International Cuisine****Course #2541**

Grade Level: 10-12
Length: Year Class
Prerequisite: Beginning Foods and Nutrition
Graduation: Fulfills elective credits.
Description: This is the second course in the culinary program and articulates with Diablo Valley College for transferrable credit to a four year college. Do you want to learn how to create a mouthwatering aromatic food dish from around the world? Do you want to explore why people eat foods that are unique to their cultural heritage? This course is designed to spice up your food from around the world in unique dishes that will appeal to your culinary pallet. This course builds on basic student skills in knife, tool and culinary equipment handling, introduces basic food preparation and provides a working knowledge of laws and regulations relating to safety and sanitation in the kitchen. This is a *Business and Technology Academy* certification course.

P-Child Development**Course #2516**

Grade Level: 10-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills elective credits.
College Prep: Fulfills UC/CSU elective ("g") requirement.
Description: Child Development is a course which enables students to understand how to work with and care for children as they grow. Students learn how children from infancy through age six grow physically, mentally, socially, and emotionally.

Health Careers Core**Course #1060**

Grade Level: 11-12
Length: Year Class
Prerequisite: Health Career Academy
Graduation: Fulfills elective credit
Description: Students will participate in job shadowing, explore social and ethical issues that impact the industry, and learn and develop competency in workplace procedures and skills in medicine and health care. Students in the course will develop a personal career and educational plan as it relates to their career choice, requirements within the industry, and the rapidly changing opportunities in health careers.

P-ROP Sports Medicine**Course #5582**

Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: None
Graduation: Fulfills elective credits.
College Prep: Fulfills UC/CSU elective ("g") requirement.
Description: Areas covered in this course are human anatomy, physiology, nutrition, equipment fitting, prevention, evaluation, and treatment of injuries. This course includes CPR certification and first aid. (Internship at sporting events is required.)

ROP Sports Medicine II**Course # 5585**

Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: ROP Sports Medicine
Graduation: Fulfills elective credits.
Description: Advanced sports medicine provides an excellent opportunity for students to continue exploring their interest in the fields of health science and medicine. Students will learn advanced skills of functional anatomy and kinesiology as it relates to athletic injuries. Hands on experience of evaluation, assessment, and treatment are the cornerstone of this class. 45 hours of required Internship opportunities are available at after-school events under the direction of the head athletic trainer and other health care professionals.

Academy Internship HC**Course #1090**

Grade Level: 12
Length: Year Class
Prerequisite: Instructor recommendation
Graduation: Fulfills elective credit
Description: This course is designed to provide students with practical, on-the-job experiences and an opportunity to develop a range of employability skills in real world settings. Students will develop marketable skills, abilities, and work habits that will prepare them to enter the work force directly, continue their education with a focus on technical preparation, or pursue advanced study at the college or university level. Students will receive a minimum of 30 hours classroom orientation before placement in an industry internship program.

ENGLISH**English Fundamentals****Course #3270**

Grade Level: 9
Length: Year Class
Prerequisite: Students recommended by their 8th grade language arts teacher, scoring far below or below basic on the 7th grade California Content Standards test, as well as scoring below grade level on the Read 180 placement test.
Graduation: Fulfills elective credit
Description: English Fundamentals is a reading support class. This class will review the fundamentals of grammar, word analysis, and improve student's reading comprehension.

P-English 1**Course #3000**

Grade Level: 9
Length: Year Class
Prerequisite: None
Graduation: Fulfills first year of 4-Year English requirement
College Prep: Fulfills English 1 UC/CSU English ("b") requirement
Description: English 1 is a core language arts course integrating literature, writing, grammar, mechanics, speaking and listening, vocabulary development, reading skills and study skills.

P-English 2**Course #3020**

Grade Level: 10
Length: Year Class
Prerequisite: None
Graduation: Fulfills second year of 4 -Year English requirement
College Prep: Fulfills English 2 UC/CSU English ("b") requirement
Description: English 2 is a core language arts course integrating literature, writing, grammar, mechanics, speaking and listening, vocabulary development, reading skills and study skills.

P-English 3**Course #3070**

Grade Level: 11
Length: Year Class
Prerequisite: None
Graduation: Fulfills third year of 4-Year English requirement.
College Prep: Fulfills English 3 UC/CSU English ("b") requirement.
Description: English 3 is a core literature-based program integrating the study of American literature with writing, speaking and listening, vocabulary development, reading skills, and study skills.

**P-English 3/American Studies****Course #1438**

Grade Level: 11
Length: Year class.
Prerequisite: Must be enrolled in PADA academy
Graduation: Fulfills third year of 4-year English requirement
College Prep: Fulfills English 3 UC/CSU English ("b") requirement.
Description: American Studies integrates English 3 and U.S. History within the PADA academy. English 3 is a core literature-based program integrating the study of American literature with writing, speaking and listening, vocabulary development, reading skills, and study skills. In American Studies there is an emphasis on performance based assessments.

P-AP English 3: Language and Composition**Course #3085**

Grade Level: 11
Length: Year Class
Prerequisite: Completion of English 2
Graduation: Fulfills third year of 4-Year English requirement.
College Prep: Fulfills English 3 UC/CSU English ("b") requirement.
Description: In this course, students will read and analyze "Literature of Fact"; essays, speeches and social criticism among others. In the process of analyzing others writings, students will become more adept in their own writing skills in the form of expository, analytical, and argumentative writing. This rigorous course requires students to demonstrate a mastery of standard written English. A grade of "B" or higher in previous English classes highly recommended. *This class prepares student to take AP test in May.

P-English 4**Course #3110**

Grade Level: 12
Length: Year Class
Prerequisite: None
Graduation: Fulfills fourth year of 4-Year English requirement.
College Prep: Fulfills English 4 UC/CSU English ("b") requirement.
Description: English 4 is a core literature-based program integrating the study of British and World literature with grammar, mechanics, speaking and listening, vocabulary development, reading skills and study skills.

P-Expository Reading and Writing Course**Course #3125**

Grade Level: 12
Length: Year Class
Prerequisite: None
Graduation: Fulfills fourth year of 4-Year English requirement.
College Prep: Fulfills English 4 UC/CSU English ("b") requirement.
Description: The expository reading and writing course prepares college bound seniors for the literacy demands of higher education. Students in this year long, rhetoric based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. **Students who earn a grade of "A" or "B" test directly into college level English**

P-AP English 4: Literature and Composition**Course #3085**

Grade Level: 12
Length: Year Class
Prerequisite: Completion of English 3
Graduation: Fulfills fourth year of 4-Year English requirement.
College Prep: Fulfills English 4 UC/CSU English ("b") requirement.
Description: AP English Literature and Composition is equivalent to a college or university freshman English course and

prepares students to take the advanced placement exam in May. The course is designed to focus on the study of British and American literature and culture, as well as the various means by which a piece of literature can be analyzed. **This course prepares student to take AP test in May*

P-Literary Analysis through Film Course #3184

Grade Level: 10-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills elective credit
College Prep: Fulfills UC/CSU Elective ("g") requirement.
Description: Literary Analysis through Film is an academic elective for English Language Arts designed to introduce students to analyzing elements of literature using film as a text. By using film as a text, the course sets a foundation and enhances student comprehension, analysis, criticism and appreciation of non-fiction, fiction, drama and basic cinematic techniques.

English Language Development (ELD) 1 Course #3165

Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills up to 20 units of elective credit
Description: English Language Development 1 is a course designed for non-English speaking students who score a 1 or 2 on the California English Language Development Test (CELDT) to teach them the basics of communication in the English language in order to successfully complete the course requirements of the high school curriculum. The emphasis of the course will be on oral language communication development, basic vocabulary development, listening comprehension and reading skills.

English Language Development (ELD) 2 Course #3166

Grade Level: 9-12
Length: Year Class
Prerequisite: Completion of ELD 1 with a grade of "C" or higher.
Graduation: Fulfills up to 20 credits of elective credits
Description: English Language Development 2 is a course designed for non-English speaking students who score a 1 or 2 on the California English Language Development Test (CELDT) to teach them the basics of communication in the English language in order to successfully complete the course requirements of the high school curriculum. The emphasis of the course will be on oral language communication development, basic vocabulary development, listening comprehension and reading skills with the goal of improving students' overall English language communication skills.

English Language Development (ELD) 3 Course #3162

Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills up to 10 units of English 4 requirement and 10 units of elective credit.
Description: English Language Development 3 is a course designated for non-English speaking students who score a 3 on the CELDT test. ELD 3 will teach them advanced communication in the English language in order to be successfully mainstreamed into the high school curriculum. The emphasis of the course will be on oral language communication, advanced vocabulary development, listening comprehension, and reading skills.



CAHSEE English Test Preparation

Course #7646

Grade Level: 10-12
Length: Year Class
Prerequisite: Students are placed in this class based on their performance on STAR tests and previous CAHSEE test scores.
Graduation: Fulfills elective credit.
Description: Students in this class receive additional instruction to help prepare them to successfully pass the California High School Exit Exam.

P-Journalism

Course #3190

Grade Level: 10-12
Length: Year Class
Prerequisite: English 1; instructor approval
Graduation: Fulfills elective credit.
College Prep: Fulfills UC/CSU Elective ("g") requirement.
Description: Journalism provides an introduction to journalistic writing, non-fiction literature, non-fiction literature, and newspaper production, including news gathering, layout, advertising, and business management. The course also focuses on a study of the theoretical basis for scholastic freedom of press, the responsibilities of high school journalists, exclusion of First Amendment freedoms, and journalistic ethics. This class may include field trips to area newspapers.

WORLD LANGUAGE

P-French 1

Course #3510

Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills Fine Arts/World Language Requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement.
Description: French 1 is a course designed to teach the basics of communication in the French language. Students will learn to comprehend and express themselves at the novice level in speaking, listening, reading, and writing. They will also learn about everyday life in French-speaking countries

P-French 2

Course #3520

Grade Level: 9-12
Length: Year Class
Prerequisite: French 1
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement
Description: French 2 is designed to expand the student's ability to communicate in French when speaking and writing. Students will expand their understanding of everyday French culture.



P-French 3

Course #3530

Grade Level: 10-12
Length: Year Class
Prerequisite: French 2
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement
Description: French 3 is an advanced French course designed to expand the student's ability to speak and write in French. Students will also read and discuss French short stories and movies, responding primarily in French.

P-French 4 **Course #3540**
Grade Level: 10-12
Length: Year Class
Prerequisite: French 3
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement
Description: French 4, students will expand their ability to express themselves in speaking and writing while discussing literature (i.e. The Little Prince) and movies. Students use French as the primary language of communication in class.

P-Spanish 1 **Course #3610**
Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement
Description: Spanish 1 is a college-prep course designed to teach the basics of communication in the Spanish language. Students will learn to comprehend and express themselves at the novice level in speaking, listening, reading, and writing.



P-Spanish 2 **Course #3620**
Grade Level: 9-12
Length: Year Class
Prerequisite: Spanish 1, or Spanish 1 in 8th grade.
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement.
Description: Spanish 2 is designed to continue the development of language skills in all four areas of communication: speaking, listening, reading, and writing. Students will also expand their understanding of Hispanic culture. Students will use language and cross-cultural communication skills effectively. A grade of C or better in Spanish 1 will assure greater success in this class.

P-Spanish 3 **Course #3630**
Grade Level: 10-12
Length: Year Class
Prerequisite: Spanish 2 or Spanish for Spanish Speakers, or recommendation of instructor.
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement.
Description: Spanish 3 is an advanced course designed to expand the student's ability to communicate in oral and written form at the Intermediate level in Spanish. Students will expand their ability to comprehend spoken and written language as well as understanding of different aspects of Hispanic culture. A grade of C or better in previous Spanish class will assure greater success in this class.

P-AP Spanish 4: Language and Culture **Course #3642**
Grade Level: 11-12
Length: Year Class
Prerequisite: Spanish 3 or 4
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement.
Description: AP Spanish 4 is an advanced Spanish course for students who have satisfactorily completed Spanish 3 or 4. Students will prepare for the AP exam by speaking and writing in Spanish, reading and discussion Spanish literature and reviewing grammar and verb forms. Students will use Spanish as the

language of communication in the class. **This class will prepare students to take the AP exam in May*

P-Spanish for Native Speakers I **Course #3670**
Grade Level: 9-12
Length: Year Class
Prerequisite: Native/Fluent Spanish Speaker
Graduation: Fulfills Fine Arts/World Language requirement
College Prep: Fulfills one year of UC/CSU World Language ("e") requirement.

Description: Spanish for Native Speakers I is a course designed for students that are fluent speakers in basic Spanish but need further development of academic Spanish. The emphasis of this course will be on vocabulary development, listening comprehension, grammar, reading, and writing skills. Students will also be expected to learn how to read and analyze simple literature.

Spanish for Native Speakers II **Course #3676**
Grade Level: 9-12
Length: Year Class
Prerequisite: Spanish for Native Speakers I
Graduation: Fulfills Fine Art/World Language requirement
Description: Spanish for Native Speakers II is a course designed for students that are fluent speakers in basic Spanish but need further academic development of academic Spanish.

MATHEMATICS

CAHSEE Math Test Preparation **Course #7647**
Grade Level: 10-12
Length: Year Class
Prerequisite: Students are placed in this class based on their performance on STAR tests and previous CAHSEE test scores.
Graduation: Fulfills one year of elective credit.
Description: Students in this class receive additional instruction to help prepare them to successfully pass the California High School Exit Exam.

P-Intensified Algebra **Course #4570/4575**
Grade Level: 9
Length: Meets every day for the year.
Prerequisite: Placement based upon District-approved criteria.
Graduation: Fulfills two years of math requirement – one year as algebra and one year as elective math credit
College Prep: Fulfills UC/CSU math ("c") requirement
Description: Intensified Algebra counts as a two year math course as it meets every day. This course emphasizes formal development of the algebraic skills and concepts necessary for success in geometry and other advanced college-prep math courses. It is a rigorous course with a good deal of homework and extensive testing schedule.

P-Algebra 1 **Course #4630**
Grade Level: 9-12
Length: Year Class
Prerequisite: Placement based upon District-approved criteria.
Graduation: Fulfills one year of the math requirement
College Prep: Fulfills UC/CSU math ("c") requirement
Description: Algebra 1 is the first course to begin a 3-year college-prep math sequence. This course emphasizes formal development of the algebraic skills and concepts necessary for success in geometry and other advanced college-prep math

courses. It is a rigorous course with a good deal of homework and an extensive testing schedule.

P-Intensified Geometry

Course #4660/4665

Grade Level: 10
Length: Meets every day for the year
Prerequisite: Algebra 1 or Intensified Algebra.
Graduation: Fulfills two years of math requirement – one year as geometry and one year as elective math credit
College Prep: Fulfills UC/CSU math ("c")
Description: Intensified Geometry placement is based on school-approved criteria. It emphasizes the formal development of those geometric and algebraic skills and concepts necessary for success in Algebra 2 and college entrance testing programs. Students who earn less than a "C" in their previous math class are recommended to re-take the previous course. This course counts as a two year math course as it meets every day.

P-Geometry

Course #4670

Grade Level: 9-12
Length: Year Class
Prerequisite: Score of 17 or higher on UC geometry readiness test
Graduation: Fulfills one year of math requirement.
College Prep: Fulfills UC/CSU math ("c") requirement.
Description: Geometry is a rigorous, college-prep course with commensurate homework. It emphasizes the formal development of those geometric and algebraic skills and concepts necessary for success in Algebra 2 and college entrance testing programs. Students who earned less than a "C" in their previous math class are recommended to re-take the previous course.

Applied Career Mathematics

Course #4605

Grade Level: 11-12
Length: Year Class
Prerequisite: Successful completion of geometry
Graduation: Fulfills one year of math requirements
Description: The emphasis of applied career mathematics will be on real-world problems. The content of the course will include Algebra and Geometry with some statistics and probability skills in order to prepare for the CAHSEE.

P-Algebra 2

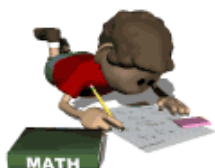
Course #4690

Grade Level: 9-12
Length: Year Class
Prerequisite: Algebra 1
Graduation: Fulfills one year of math requirement.
College Prep: Fulfills UC/CSU math ("c") requirement.
Description: Algebra 2 is a course designed to review and expand upon the mathematical content of Algebra 1 and Geometry. Logarithmic and exponential functions, series and sequences, quadratic systems, conic sections and the complex numbers are introduced. Algebra 2 forms the foundation upon which college-level mathematics and statistics courses are built and is therefore essential for college-bound students. Students in this course are encouraged to own a graphing calculator. We recommend the TI-84. Students who earned less than a "C" in their previous math class are recommended to re-take the previous course.

Algebra 2 Support

Course # 4510

Grade Level: 9-12
Length: Year Class
Prerequisite: Teacher recommendation
Graduation: Fulfills ten elective credits



Description: Algebra 2 support is an elective course designed for students concurrently enrolled in Algebra 2 who need additional help to be successful.

P-Pre-Calculus

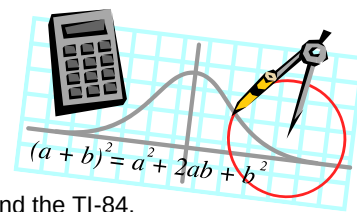
Course #4710

Grade Level: 10-12
Length: Year Class
Prerequisite: C or better in Algebra 2
Graduation: Fulfills one year of math requirement.
College Prep: Fulfills UC/CSU math ("c")
Description: Pre-Calculus is a course that includes trigonometry and math analysis. Studies of functions, logarithms, analytical geometry, mathematical inductions, and limits will prepare students for Calculus. Students enrolled in this class will need to use a graphing calculator. We recommend the TI-84 calculator. Students who earned less than a "C" in their previous math class are recommended to re-take the previous course.

P-Statistics

Course #4740

Grade Level: 11-12
Length: Year Class
Prerequisite: Algebra 2
Graduation: Fulfills one year of math requirement.
College Prep: Fulfills UC/CSU math ("c") requirement.
Description: Statistics is a college prep course designed for juniors and seniors who have completed Algebra 2 or Pre-Calculus and would like to learn how to collect, analyze, and interpret data. Topics include graphing data, conducting surveys and experiments, and using data for inference. There is a stronger emphasis on understanding than calculation. Students enrolled in this class will need to use a graphing calculator. We recommend the TI-84. Students who earned less than a "C" in their previous math class are recommended to re-take the previous course.



P-AP Statistics

Course #4750

Grade Level: 11-12
Length: Year Class
Prerequisite: Algebra II
Graduation: Fulfills one year of math requirement.
College Prep: Fulfills UC/CSU math ("c") requirement.
Description: AP Statistics is designed for college bound students who have completed Algebra II or beyond. Students will spend time selecting a proper model, describing and interpreting data, and displaying the results. There is a **heavy emphasis** on using clear reading and writing skills. Course scope and sequence will prepare students for the AP exam in May. Students enrolled in this class need to use a graphing calculator. We recommend the TI-84. Students who earned less than a "C" in their previous math class are strongly recommended to re-take the previous course. *This course prepares student to take AP exam in May.

P-AP Calculus AB

Course #4720

Grade Level: 11-12
Length: Year Class
Prerequisite: C or better in pre-calculus
Graduation: Fulfills one year of math requirement
College Prep: Fulfills UC/CSU math ("c") requirement
Description: AP Calculus is designed for the motivated math student who will likely pursue a career in a math-related field. Calculus will extend the study of limits, functions and derivatives, consider exponential functions, and applications of the definite integral, including volumes of solids of revolution. This course does prepare the student for the AP Calculus exam in May. Students in this course will need to use a graphing calculator. We

recommend the TI-84. Students who earned less than a "B" in their previous math class are strongly recommended to re-take the previous course. **This course prepares student to take AP exam in May.*

P-AP Calculus BC

Course # 4725

Grade Level: 11-12
Length: Year Class
Prerequisite: C or better in AP calculus AB
Graduation: Fulfills one year of math requirement
College Prep: Fulfills UC/CSU math ("c") requirement
Description: AP Calculus is designed for the motivated math student who will likely pursue a career in a math-related field. This course will review the topics covered in AP Calculus AB and will additionally include: parametric, polar and vector functions, Euler's method, L'Hopital's Rule, applications of integrals, integration by substitution, improper integrals, logistic differential equations, and polynomials approximation and series. Students in this class will need to use a graphing calculator. We recommend the TI-84+. ** This course prepares student to take AP exam in May.*

PHYSICAL EDUCATION

Students must successfully complete a full year of 9th grade CORE and a full year of 10th grade CORE Physical Education. After successful completion of these two years, students may select upper level P.E. classes as elective classes. The Liberty Union High School District Standards and Benchmarks are an integral part of the CORE Physical Education Classes. All Physical Education students are required to wear designated PE clothing. PE Clothes may be purchased at Walk Thru or in the Liberty Student Store. Students may wear solid red bottoms with a solid grey or white top.

9th Grade Core Physical Education

Course #5750

Grade Level: 9
Length: Year Class
Prerequisite: None
Graduation: Fulfills 9th grade Physical Education requirement.
Description: Physical Education is required in Grade 9. All Freshman Physical Education students take the California Physical Performance and Health Related Test during the third quarter. Additional activities include physical fitness, field games, weight training, plyometrics, aquatics, various team sports, steroid, and nutrition education. Students must complete the required standards and benchmarks (9th grade core Physical Education).

10th Grade Core Physical Education

Course #5760

Grade Level: 10
Length: Year Class
Prerequisite: Successful completion of Freshman Core Physical Education.
Graduation: Fulfills 10th grade Physical Education requirement.
Description: This course emphasizes lifetime wellness and fitness. Other class activities may include aerobics, basketball, fitness training, football, plyometrics, soccer, softball, swimming, tennis, volleyball and weight training. The physical education curriculum reflects the Liberty Union High School District Standards in Physical Fitness and Health.

Strength and Fitness

Course #5792

Grade Level: 10-12
Length: Semester class (May be repeated for credit)
Prerequisite: 9th and 10th grade core PE programs.
Graduation: Fulfills elective credits.

Description: Students focus on toning and building muscle through weight training, cardiovascular training, and speed development. Concurrent enrollment in core PE 10 okay.

Bowling Fundamentals

Course #5670

Grade level: 11-12
Length: Semester class
Prerequisite: Successful completion of 9th and 10th grade core. Parent transportation waiver
Graduation: Fulfills elective credit
Description: Bowling Fundamentals will provide an introduction to the discipline of Physical Education through bowling. The course will include a historical examination, styles of play and strategies of the sport. Students will strive to develop basic skills including approach, types of deliveries, strategy, etiquette, and league play associated with the sport of bowling.

Fitness in Motion

Course #5794

Grade level: 10 -12
Length: Semester Class (May be repeated for credit)
Prerequisite: 9th and 10th grade core PE programs
Graduation: Fulfills elective credits
Description: Students will participate in aerobics, Tae Bo, yoga, weight-training, walking, running and body shaping. Students will focus on setting personal fitness goals by tracking progress through a personal portfolio. Concurrent enrollment in core PE 10 okay.

Walking for Fitness

Course # 5676

Grade Level: 10-12
Length: Semester (May be repeated for credit)
Prerequisite: Successful completion of 9th Grade Core PE
Graduation: Fulfills Elective credits
Description: Low-impact cardiovascular fitness designed to improve fitness, promote weight management, improve nutritional habits, looks deeper into the benefits of walking as an aerobic activity, and get students on a path to lifelong fitness. This course has been designed to meet the needs of those students with moderate to severe physical limitations (asthma, allergies) or those with a poor fitness level who are unable to participate in other physical education classes due to medical conditions. Concurrent enrollment in core PE 10 okay.

Beginning Dance

Course # 5800

Grade Level: 9-12
Length: Semester Class
Prerequisite: None
Graduation: Fulfills elective credit.
Description: Class includes beginning dance techniques and terminology, warm-up exercises, in-class choreography, movement in space, and dance improvisation. It incorporates techniques of modern dance, social dance, and cultural dance especially as related to the local community.

Intermediate Dance

Course # 5803

Grade Level: 9-12
Length: Year Class (May be repeated for credit)
Prerequisite: Beginning dance
Graduation: Fulfills elective credit.
Description: A course with a more intense emphasis in ballet, jazz, and tap, with other explorations of other dance forms, both social and cultural. Review of previous spelling and terminology from beginning dance with additional vocabulary in ballet, jazz, and tap. Students will be expected to participate daily in appropriate dance attire, and perform in public forums. This course will allow students to continue in knowledge and improve their dance skills; offer more opportunities for students to perform in public forums; enhance their body awareness and self-esteem.

Advanced Dance **Course # 5806**
Grade Level: 9-12
Length: Year Class
Prerequisite: Beginning dance or 2 years of outside dance experience
Graduation: Fulfills elective credit.
Description: A year course focusing on the study of/and discipline of ballet, jazz and tap. Students will be expected to participate in each type of dance, two dance recitals and two on site auditions. Continued review and growth in vocabulary in written expression, visual identification and physical execution will be expected. Students will also engage in creative choreography.

SCIENCE

LIFE SCIENCES

P-Biology (Lab Science) **Course #5050**
Grade Level: 9-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills Life Science requirement.
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: Biology is a laboratory science course. This course emphasizes the study of the characteristics of life, cellular structure and function, genetics, evolution, ecology, and comparative anatomy and physiology. Connections will be made with current issues and concepts from earth science, chemistry, and physics. Laboratory work is a regular part of the course.

P-Agricultural Biology (Lab Science) **Course #1025**
Grade Level: 9 - 12
Length: Year Class
Prerequisite: Intro to Agriculture or concurrent enrollment in intro to agriculture
Graduation: Biological Science
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: Agricultural Biology is a laboratory science course designed for the college-bound student. The course emphasizes detailed knowledge of the biological principles of the following areas: Molecular and cellular aspects of living things, structure and function of agricultural plants and animals, genetics, physiology, plant and animal diversity and principles of classification, ecological relationships, and animal behavior. In addition to meeting the one year life science graduation requirement, this course fulfills the UC and CSU entrance requirements for laboratory science.

P-AP Biology (Lab Science) **Course #5010**
Grade Level: 10-12 (pending)
Length: Year Class
Prerequisite: Successful completion of biology and chemistry or anatomy/physiology or instructor approval
Graduation: Fulfills elective credit
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: AP Biology is designed for the advanced science student. This course is the equivalent of a college introductory biology course and completes preparation for the Advanced Placement Biology examination. The three general areas covered in this course are: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. AP Biology expands on knowledge that the students have gained in their previous high school biology and chemistry courses. This course includes extensive use of modern biological research technology.
**This class prepares students to take the AP exam in May.*

P-Anatomy & Physiology (Lab Science) **Course #5060**
Grade Level: 11-12
Length: Year Class
Prerequisite: Successful completion of biology; chemistry recommended but not required
Graduation: Fulfills Life Science requirement
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: Anatomy and physiology is a one-year lab-based course devoted to the study of the human body systems and to related careers in the area of health. All systems will be demonstrated to interrelate in the total functioning of the human body. While studying the different body systems, diseases, and related conditions, the health field will be investigated and discussed (Health Careers).

P-ROP Veterinary Science (Lab Science) **Course #5088**
Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: Algebra I and biology
Graduation: Fulfills elective credit
College Prep: Fulfills UC/CSU elective ("g") requirement.
Description: This year-long laboratory science course is for students interested in the veterinary field. Students will learn scientific methods, classification systems, and biological science as it relates to animals. Reproduction, health care, anatomy, physiology, nutrition and genetics, as they pertain to animals, will also be taught. Students will apply their knowledge in laboratory assignments and research projects.

PHYSICAL SCIENCES

P-Earth Science **Course #5115**
Grade Level: 9
Length: Year Class
Prerequisite: None
Graduation: Fulfills Physical Science requirement.
College Prep: Fulfills UC/CSU elective ("g") requirement.
Description: Earth Science is a course designed to meet the State of California content standards in the subject. In particular, major emphasis will be placed upon helping students to become independent learners of science. In this effort, skill building in mathematical representation of science concepts, active scientific inquiry, and writing about science will be woven throughout the course delivery.

P-Chemistry (Lab Science) **Course #5135**
Grade Level: 10-12
Length: Year Class
Prerequisite: Algebra I, physical science, biology
Graduation: Fulfills Physical Science requirement.
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: Chemistry is a one-year course that emphasizes the basic concepts of chemistry while it builds and expands on the student's knowledge gained from previous physical science or biology courses. This class uses mathematical problem solving applied to chemistry concepts. The course also emphasizes, in depth, critical and creative thinking skills through experimentation, written assignments and real-world problems and projects.

P-Chemistry in the Community (Lab Science) **Course #5150**
Grade Level: 10-12
Length: Year Class
Prerequisite: Biology
Graduation: Fulfills Physical Science requirement.
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: Chemistry in the Community is a high school course developed to address the state standards in chemistry. It is a lab-oriented course which explores chemistry concepts such

as: atomic structures, states of matter, chemical reactions, and energy. This is a year-long chemistry course designed primarily for college-bound students who plan to pursue careers in fields other than science or engineering.

P-AP Chemistry (Lab Science) Course #5360
Grade Level: 11-12
Length: Year Class
Prerequisite: Algebra II and chemistry
Graduation: Fulfills elective credit
College Prep: Fulfills UC/CSU Lab Science ("d") requirement
Description: AP chemistry is a rigorous college level chemistry course designed to prepare students to take and pass the AP chemistry exam. The class emphasizes concepts of chemistry, mathematical problem solving skills applied to chemistry problems, critical thinking skills utilized in class and in written assignments, and hands-on experiences. Laboratory activities are a major part of this class.

P-ROP Analytical Forensic Science Course #5193
Grade Level: 11-12 or age 16
Length: Year Class
Prerequisite: Biology, chemistry and algebra
Graduation: Fulfills elective credit
College Prep: Fulfills UC/CSU elective (g") requirement
Description: Forensic science is a broad survey of the scientific skills, disciplines and training used by forensic specialist in law enforcement, business and industry. This is a year-long applied laboratory science course designed to introduce students to the field of forensic science. Students will learn the fundamental concepts of forensic science and apply them in the completion of laboratory assignments and analysis of criminal evidence. Students will also participate in case studies of real and simulated crimes and will learn how to prepare case study reports.

P-Physics (Lab Science) Course #5180
Grade Level: 10-12
Length: Year Class
Prerequisite: Algebra 2 (enrollment in pre-calculus preferred)
Graduation: Fulfills Physical Science Lab requirement.
College Prep: Fulfills UC/CSU Physical Science ("d") requirement.
Description: Physics is the study of the physical world using basic concepts, equations, and assumptions. Topics covered include Mechanics, Fluid Mechanics, Thermodynamics, Waves, Optics, Electromagnetism, and Quantum Mechanics. Students will put their math and communication skills to use sharpening their critical, creative, analytical, and problem-solving skills through experimentation, written assignments, real-world problems, and projects. This course is based on the National and California Standards in Physics. Some careers that require an understanding of physics include astronomy, engineering, geology, electronics, computer science, national defense, energy research, industrial technology, and education/research.

P-AP Physics B (Lab Science) Course #5185
Grade Level: 11-12
Length: Year Class
Prerequisite: Physics and pre-calculus (concurrent enrollment in calculus recommended)
Graduation: Fulfills Physical Science Lab requirement.
College Prep: Fulfills UC/CSU Physical Science Lab ("d") requirement.
Description: AP Physics B is a rigorous college level course. Students will put their math and communication skills to use sharpening their critical, creative, analytical, and problem-solving skills through experimentation, written assignments, real-world problems, and projects. AP Physics B surveys physics topics addressed in college freshmen Physics courses: Mechanics, Fluid

Mechanics, Thermodynamics, Waves, Optics, Electromagnetism, and Quantum Mechanics. * *This class prepares students to take the AP exam in May.*

P-AP ROP Environmental Science (Lab Science) Course # 5091
Grade Level: 11-12
Length: Year class
Prerequisite: Algebra and biology (chemistry recommended)
Graduation: Fulfills Physical Science Lab requirement.
College Prep: Fulfills UC/CSU Physical Science Lab ("g") requirement.

Description: This course provides students with the principles, concepts, and methodologies required to understand the inter relationships of the natural world, identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing them. **This class prepares students to take the AP exam in May.*

SOCIAL STUDIES

P-World Cultures and Geography Course #5255
Grade Level: 9
Length: Year Class
Prerequisite: None
Graduation: Fulfills elective credit.
College Prep: Fulfills UC/CSU elective ("a") requirement.
Description: This course is designed to enhance students' understanding of the global environment in which they live. During the year course, emphasis is placed on students acquiring knowledge of world cultures, world problems, basic geography, human migration, the humanities, critical thinking skills, reading strategies, study skills, vocabulary development, writing ability, and speaking for the purpose of debate and presentation. The program integrates a variety of teaching methods that requires students to engage in both group and individual learning.



P-World History Course #5240
Grade Level: 10
Length: Year Class
Prerequisite: None
Graduation: Fulfills World History requirement.
College Prep: Fulfills UC/CSU History ("a") requirement.
Description: Modern World History covers the contributions and growing interdependence of the various peoples and cultures of our world. This course will provide students with an understanding of the effects on the world of the use of democratic ideas, the Industrial Revolution, imperialism, colonialism, World War I and II, the Cold War, totalitarianism, nationalism, and the problems of the contemporary world.

P-AP World History Course #5270
Grade Level: 10
Length: Year Class
Prerequisite: None
Graduation: Fulfills World History requirement.
College Prep: Fulfills UC/CSU History ("a") requirement.
Description: This class examines the same curriculum as a freshmen level college world history (civilizations) class. The class covers the time period from 8000 BCE to present. **This class prepares students to take the AP exam in May.*

P-U.S. History **Course #5280**

Grade Level: 11
Length: Year Class
Prerequisite: None
Graduation: Fulfills U.S. History requirement.
College Prep: Fulfills UC/CSU History ("a") requirement
Description: Contemporary U.S. History is designed to help students examine major turning points in American History in the twentieth century. Throughout the year students will examine American culture including religion, literature, art, drama, architecture education, and the mass media. This year begins with a selective review with an emphasis on the nation's beginning and the industrial transformation.

P-US History/American Studies **Course #1439**

Grade Level: 11
Length: Year Class
Prerequisite: Must be enrolled in PADA academy
Graduation: Fulfills U.S. History credits.
College Prep: Fulfills UC/CSU US History ("a") requirement.
Description: American Studies integrates U.S. History and English 3 within the PADA academy.. Contemporary U.S. History is designed to help students examine major turning points in American History in the twentieth century. Throughout the year students will examine American culture including religion, literature, art, drama, architecture education, and the mass media. This year begins with a selective review with an emphasis on the nation's beginning and the industrial transformation. There is an emphasis on visual art and performance based projects.

P-AP U.S. History **Course #5290**

Grade Level: 11
Length: Year Class
Graduation: Fulfills U.S. History requirement.
College Prep: Fulfills UC/CSU History ("a") requirement.
Description: AP U.S. History is the equivalent to freshman U.S. History on the college or university level. Throughout the year students will examine American culture including religion, literature, art, drama, architecture, education, and the mass media. **The course will prepare students to take the AP Exam in May.*

P-American Government **Course #5330**

Grade Level: 12
Length: Semester Class
Prerequisite: None
Graduation: Fulfills American Government requirement.
College Prep: Fulfills UC/CSU History ("a") requirement.
Description: American Government is a semester course designed to help students develop an understanding of the institutions of American government. Students examine and compare and contrast the development and processes of governments in both the United States, and to a lesser extent, the world. Students also examine related major issues of the world today. Emphasis is placed on the development of social participation skills and civic responsibility. A community service requirement is part of the course.

**P-AP Government & Politics US** **Course #5295**

Grade Level: 12
Length: Semester Class
Prerequisite: None
Graduation: Fulfills American Government Requirement
College Prep: Fulfills UC/CSU History ("a") requirement.
Description: This AP Government class will prepare students to take the AP Exam in May as well as meet the graduation requirement of 5 units in American Government. The course will emphasize reading of political philosophy as well as essay writing in specific content areas related to not only American governmental systems but also other governmental systems as necessitated by the College Board. A community service requirement is part of the course. **This course will prepare students to take the AP Exam in May.*

P-Economics **Course #5335**

Grade Level: 12
Length: Semester Class
Prerequisite: None
Graduation: Fulfills Economics requirement.
College Prep: Fulfills UC/CSU History ("g") requirement.
Description: This semester course is designed to deepen students' understanding of the economic problems and institutions of the nation and world in which they live. It will provide them with the knowledge and skills needed to make reasonable decisions on economic issues as citizens, workers, consumers, business owners, managers, and members of civic groups. The course is primarily a course in social science enriching students' understanding of the operations and institutions of economic systems rather than a course in household or business management.

P-AP Economics **Course #5365**

Grade Level: 12
Length: Semester Class
Prerequisite: None
Graduation: Fulfills Economics requirement.
College Prep: Fulfills UC/CSU History ("g") requirement.
Description: This AP Economics class will prepare students to take the AP Exam in May as well as meet the graduation requirement of 5 units in Economics. The course will emphasize reading of economic theory as well as essay writing in specific content areas related to not only the capitalist system but also other economic systems as necessitated by the College Board. **This course will prepare students to take the AP Exam in May.*

P-Psychology within Society **Course #5396**

Grade Level: 11-12
Length: Year Class
Prerequisite: None
Graduation: Fulfills elective credits.
College Prep: Fulfills UC/CSU elective ("g") requirement.
Description: Psychology within Society is a one Year study of psychology designed to introduce students to the systemic and scientific study of the behavior and mental processes of human beings. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. This course is designed for the entry-level student who has an interest in learning about psychology.

P-AP Psychology**Course #5397**

Grade Level: 11-12
Length: Year Class
Prerequisite: None (Recommend Psych in Society)
Graduation: Fulfills elective credits.
College Prep: Fulfills UC/CSU elective ("g")
Description: AP Psychology covers the equivalent of a college freshman Psychology course and prepares students to take the Advanced Placement examination. The students investigate and acquire knowledge in the basic foundations of scientific psychology. Through varied modalities, students compare and contrast the major schools of thought from a historical and sociological perspective. The students examine different methods of test, measures, and assessment with emphasis on bias related issues: cultural, ethnic, genre, contemporary controversies are explored. The students analyze ethical concerns: objectively and subjectively. This course requires extensive reading, both primary source and supplemental literature, intense group interaction, and individual presentations involving critical reasoning skills. The students explore possible career choices within the psychological community and evaluate current trends, which may affect future occupations. **This course will prepare students to take the AP Exam in May.*

History of American Popular Music**Course #5292**

Grade Level: 11-12
Length: Year Class
Prerequisite: US History
Graduation: Fulfills elective credits.
Description: History of American Popular Music studies (Rock and Roll) from 1950 to 2000 with an emphasis of the art from African American and southern roots, through the impact of the 'British Invasion' of the 1960's, heavy metal and alternative rock of the 1980's, to the creation of several subgenres through contemporary artists.

**SPECIAL EDUCATION**

Instructional Support Staff from the Special Education Department meet with personnel and parents to cooperatively decide appropriate high school class placements for students receiving special education services. Each student is evaluated and placements are based on the students' specific needs. All placements must have prior approval of the IEP team and an Individual Education Plan must be written before students can be placed in the classes.

Excel Program

The Excel program provides services to students with special needs working toward earning a high school diploma through the instructional support model. Students in this program receive their core instruction in the general education class setting. Supplementary supports and services are provided within the regular class or within a special education setting.

Life Skills Program

The Lifeskills program provides a functional academic curriculum to students with severe disabilities. Students receive the majority of their instruction within a special education environment, with opportunities to participate in general education classes as appropriate. Upon completion of the program, students are awarded a Certificate of Completion.

NON-DEPARTMENTAL**Health****Course #2700**

Grade Level: 9-12 (Grade 9 recommended)
Length: 1/2 Year Class
Prerequisite: None
Graduation: Fulfills Health requirement.
Description: This course is designed to help students examine their lifestyles, select goals, and make plans to achieve and maintain optimum health. The course focuses on choosing behaviors, which help prevent illness and accidents, promote health for ones' self and others, and improve the quality of the environment. The course promotes responsible decision-making and provides students with life management skills they can use for the rest of their lives.

Driver's Education/Decision Making**Course #2830**

Grade Level: 10-12 (Grade 10 recommended)
Length: Semester Class (5 credits max.)
Prerequisite: Students must turn 15 by end of year to enroll in this class:
1st. semester: If 16 between Aug 31 - Feb 28
2nd semester: If 16 between Mar 1 - Aug 30
Graduation: Fulfills elective credits
Description: The first quarter of each Year, students study the vehicle code and safe driving practices to prepare for the states written exam. Decision Making: The second part of each semester, students explore career pathways and decisions that will lead to a successful career. Students also learn how to use the Career Center.

Foundations for Success I (pending)**Course #7457**

Grade Level: 9-12
Prerequisite: None
Length: Semester Class
Graduation: Fulfills elective credits.
Description: This course is designed to support a successful transition into high school and, ultimately, into adulthood through better understanding of the value of education, specifics of high school, academic/college and career options and information, cost of living regarding financial independence, steps of maturation, overcoming obstacles, time-management, self-motivation and smart goal setting.

Foundations for Success II (pending)**Course #7458**

Grade Level: 10-12
Prerequisite: Foundations I
Length: Semester Class
Graduation: Fulfills elective credits.
Description: This course is designed to build on knowledge developed in Foundations I in regard to self-discovery, independent learning, future career pathways, college options and financial aid, cost of living analysis, budgeting and finances like debt, value of education, job interviewing and employability skills.

Student Leadership**Course #7480**

Grade Level: 9-12
Length: Year Class
Prerequisite: By application process only - Students are selected through a recommendation and screening process.
Graduation: Fulfills elective credits.
Description: Students learn the skills to become inspiring leaders: effective communication skills, team-building, running effective meetings, conflict resolution, negotiations, overcoming obstacles, creative problem-solving, creating a vision, setting goals, interacting with the community and creating charity events. Students orchestrate and carry out school wide events and activities and contribute to the building of our community.

Staff Assistant **Course #8010**
Grade Level: 11-12
Length: Semester Class; Pass/Fail grade.
Prerequisite: Permission of Counselor and Instructor, 10 credits; may be repeated for credit up to a maximum of twenty credits cumulative 2.0 GPA and AP approval.
Graduation: Fulfills elective credits.
Description: Students in these courses will work under teacher or administrator supervision in a work or lab setting within the school environment

Link Crew **Course #7482/83**
Grade Level: 10-12
Length: Year Class
Prerequisite: By application process only.
Graduation: Fulfills elective credits. 10 credits; may be repeated for credit up to a maximum of twenty credits
Description: Link Crew is a student centered leadership and mentoring class. This class engages, develops and trains students to be leaders and mentors. Link Crew is about facilitating a smooth transition both socially and academically for all freshmen throughout the year. Link Crew is about more than events: it is about helping freshmen achieve success and it is that initial success that propels freshmen toward continued success throughout high school.

Peer Tutor **Course #8040**
Grade Level: 10-12
Length: Semester Class
Prerequisite: Overall 2.5 GPA (with 3.0 in tutoring subject). Assistant Principal Approval
Graduation: Fulfills elective credits.
Description: Peer tutoring provides the student with an opportunity to work in the education field. Students will assist other students in improving skills and performance. Peer tutors will be monitored and supervised by an assigned teacher.

Peer Mediation **Course #8046**
Grade Level: 9-12
Length: Year Class
Prerequisite: Teacher approval
Graduation: Fulfills elective credit. 10 credits; may be repeated for credit up to a maximum of twenty credits
Description: This course will prepare students to act as peer helpers at the high school level. The students will be given skills to work with other students' one on one and in small groups in a non-judgmental, neutral manner.

Yoga Plus **Course #6007**
Grade Level: 10-12
Length: Semester Class (May be repeated for credit)
Prerequisite: None
Graduation: Fulfills elective credit
Description: This course will focus on the basics of yoga, technique and practice. Yoga styles will include Bikram, Vinaysa Flow, and Iyengar. Non-religious yoga philosophy and yoga history will be introduced. Other cultural styles and histories of movement such as Tai Chi, improvisation, partner dance, and the history and philosophy of social and cultural movement and social dance etiquette will be introduced. Students are expected to come to class with a yoga mat and loose non-constrictive clothing.