



H I G H S C H O O L

"Future Leaders, Future Builders, Future Scholars"

**COURSE
DESCRIPTION
BOOKLET**

2015 – 2016



Gateway Community Charters, Inc.

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<p>Futures High School is committed to equal opportunity for all individuals. Programs and activities shall be free from discrimination based on sex, sexual orientation, gender, ethnic group, identification, race, ancestry, national origin, religion, color, or mental or physical disability.</p>

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A MESSAGE FROM THE PRINCIPAL

THE VISION FOR OUR STUDENTS

Futures High School, working as a partnership between parents, administration, and faculty seeks to develop students to their fullest potential so they will have for themselves, a life filled with enriching opportunities.

Did you know...

There is a well-documented earnings gap between high school graduates and dropouts—an annual difference of nearly \$10,000. There is also a growing challenge for individuals with only a high school diploma to find stable, well-paying jobs. The costs of dropping out are having an effect not only on the individuals, but on the environment in which they live, and the rest of society. The potential economic benefit of improving students' academics should be a wake-up call that it is important to graduate from high school and continue with post-high school education.

What we offer...

Futures High School is providing the students with the high-quality education, academic and career support, and rigorous preparation for college and university entrance. This handbook is the guide for our students in their journey towards the graduation. We offer you course descriptions and our school graduation requirements to give you a guideline and serve your student's needs. We hope that information in this booklet will be informative and helpful when making decisions about classes and choosing the right path for graduation.

Nataliya Burko
Futures H. S. Principal

REGISTRATION PROCESS

The course descriptions in this booklet are to be used as a guide. The information provided will assist students and parents in making final class selections.

Please note: We attempt to make this book as accurate as possible. However, there may be changes due to low enrollment, staffing, changes in requirements, etc. We appreciate your patience and understanding.

TEACHING STAFF FOR THE 2015-2016 SCHOOL YEAR WILL BE BASED UPON THE DATA GATHERED FROM COURSE SELECTION. THE NUMBER OF STUDENTS REQUESTING EACH COURSE WILL DETERMINE WHICH COURSES WILL BE OFFERED, AND THE TEACHERS NEEDED TO TEACH THESE COURSES. THEREFORE, STUDENTS SHOULD PLAN AND SELECT THEIR COURSES CAREFULLY. CLASS CHANGES PRIOR TO SCHOOL BEGINNING ARE LIMITED AND ONCE SCHOOL BEGINS, CHANGES WILL BE ALLOWED FOR "CRITICAL EDUCATIONAL REASONS" ONLY!

- Before making final course selections:
 - ✓ Read all graduation requirements.
 - ✓ Review your transcript.
 - ✓ If you plan to go to a four-year college or university, review the entrance requirements for CSU, UC and private colleges.
 - ✓ Select courses appropriate to your career goal, graduation requirements and post-secondary plans.
- All students must enroll in six classes each semester of high school. Seniors may be allowed a 5 period day if they meet the Senior Attendance Criteria (see page 5).
- No class change request will be accepted after the 3rd day of each semester
- Review course selections with your parent/guardian.
- Are you on track to graduate on time?

Minimum Credits Needed

60

120

180

Grade Level

10th (Sophomore)

11th (Junior)

12th (Senior)

GCC COMPREHENSIVE HIGH SCHOOL GRADUATION REQUIREMENTS

1. A student must earn a minimum of 220 credits in courses approved by Gateway Community Charters for high school credit in order to graduate. The grade point average (GPA) on all courses counted toward graduation shall not be less than 1.0 on a 4.0 scale. Courses offered by the GCC for high school credit usually award five (5) credits for each course completed each semester.
2. The minimum of 220 credits for graduation from Futures High School shall include:

<u>Credits</u>	<u>Subject</u>	<u>Years</u>
40 Credits	English	4 Years
30 Credits	Mathematics *	3 Years
10 Credits	Life Science	1 Year
10 Credits	Physical Science	1 Year
10 Credits	World History	1 Year
10 Credits	U.S. History	1 Year
5 Credits	American Government	1 Semester
5 Credits	Economics	1 Semester
10 Credits	Foreign Language <u>or</u> Fine Arts	1 Year
10 Credits	Practical Arts	1 Year
20 Credits	Physical Education	2 Years
60 Credits	Electives**	

220 Total Credits Required

*Students must pass Algebra 1 in order to graduate (either 10 credits of Algebra I - one year course, or 20 credits of Algebra I - two-year course)

**Students are strongly encouraged to take 1 semester of Health and 1 semester of Drivers Education within their electives for matriculation purposes but these are not graduation requirements.

3. California High School Exit Exam (CAHSEE)
In order to graduate with a Futures High School diploma, all students must pass both (Mathematics and English) sections of the California High School Exit Exam (CAHSEE). Students not passing the CAHSEE by the end of their Senior year are eligible for a Certificate of Completion.
4. Senior Project/Service Learning Graduation Requirement
Futures High School recognizes preparing “Future Leaders, Future Builders, Future Scholars” for a technologically-advanced global world economy entails learning to serve others, forming partnerships, and developing inter-relationships with the community.
 - All seniors graduating from Futures High School must complete a Senior Project in order to receive a diploma.

- Senior Projects shall consist of four required components: the service learning project, the paper, the portfolio, and the presentation.
- Service learning will be met through a one semester course or through an independent study agreement.
- Service hours must be performed without an hourly wage or compensation (i.e. work experience, stipends, or scholarships).
- Service hours benefiting a religion or fraternal organization will not be considered for this project. (Note: Any activity whose chief purpose is to collect food, clothing or other items necessary to benefit others and meet human needs – even if done in conjunction with a faith based agency may be counted toward service hours.)
- Court ordered or mandated community service hours will not be considered for this project.

B. Special Conditions Regarding Graduation

1. Credits applied toward graduation for the following courses are limited to the credit amounts specified. In addition, core academic courses may be repeated but may only be counted once toward the total of 220 credits for graduation (i.e. Geometry taken for two years is still only worth a maximum of 10 credits toward the 220 total).

<u>Course</u>	<u>Limited To</u>
Physical Education	40 credits
Work Experience	30 credits
Office Assistant/Office Aide/T.A.	10 credits
Art, Beginning	10 credits

2. No more than 40 credits may be earned in any semester from any combination of courses or work experience without prior written permission/approval by the principal or designee.

PARTICIPATION IN GRADUATION ACTIVITIES

At the discretion of the Superintendent or designee, a student who has not passed the California High School Exit Exam (CAHSEE) and has met all other graduation requirements may participate in graduation exercises. The student will be granted a Certificate of Completion. When/if the CAHSEE requirement has been satisfied, the student will be granted his/her diploma.

A senior student lacking in course credits or who has failed to meet all senior graduation requirements, may work to develop a graduation completion plan/contract with the school guidance counselor prior to the spring semester. This plan must be approved by the Superintendent or designee in order for the senior to participate in graduation exercises. Upon completion of the plan/contract, the senior will be granted their high school diploma.

SENIOR ATTENDANCE POLICY

Students in grades 9, 10, and 11 shall be enrolled in a minimum of 6 classes on campus each semester (30 credits).

The GCC Board understands that senior students may need to have a minimum school day schedule; therefore, written permission of the parent, guardian, or caregiver shall be obtained before a 5 period schedule is considered by the principal or designee.

The principal or designee may approve a 5 period day for senior students for the following reason(s):

1. to attend a Regional Occupational Program (ROP) class off-campus
2. to attend a concurrently enrolled college/university class
3. to maintain employment as a means of family support
4. for any compelling reason determined by the principal to be appropriate

Senior students may be granted a 5 period day schedule if the student meets all of the following requirements:

- has a 2.5 or better, grade point average
- has passed both sections of the California High School Exit Examination (CAHSEE)
- has satisfactory school attendance
- has satisfactory school behavior
- has 180 credits completed toward graduation

The principal, upon conferring with the superintendent, may waive any or all requirements due to special circumstances.

Seniors with 5 period day schedules shall leave campus immediately after completing school coursework each day unless approved otherwise by the principal or designee.

The school counselor shall review student progress each grading period to determine if a 5 period day schedule should continue.

The principal may require the senior student to return to a full day schedule at any time.

COLLEGE ENTRANCE REQUIREMENTS

California Community Colleges (Two-Year Associate Degrees, Vocational/Certificate Programs, Transfer Opportunities) www.cccco.edu

Admission requirements: **1.** Earn a high school diploma, or **2.** Be eighteen years of age, or **3.** Pass the California High School Proficiency Examination. Placement tests are required in Math and English.

California State University System (Undergraduate and Graduate Degree Programs) www.csumentor.edu

Admission requirements: **1.** Complete the “a-g” subject requirements with ‘C’ grades or higher. **2.** Attain a minimum 3.0 grade point average in the approved “a-g” subjects. **3.** Meet the eligibility index, which includes SAT Reasoning or ACT Plus Writing exam scores. Placement tests may be required in Math and English.

University of California System (Undergraduate and Graduate Degree Programs) www.universityofcalifornia.edu

Admission requirements: **1.** Complete the “a-g” subject requirements with ‘C’ grades or higher. **2.** Attain a minimum 3.5 grade point average in the approved “a-g” subjects. **3.** Meet the eligibility index, which includes SAT Reasoning or ACT Plus Writing exam scores *and* two SAT Subject Test scores. Placement tests may be required in Math and English

UC/CSU Subject Requirements (also known as “a-g”):

- | | |
|--|--|
| a. History/Social Science | 2 Years Required |
| b. English | 4 Years Required |
| c. Mathematics
<i>Including Algebra I, Geom., and Algebra II</i> | 3 Years Required / 4 Years Recommended |
| d. Laboratory Science
<i>Chosen from Biology, Chemistry, and Physics</i> | 2 Years Required / 3 Years Recommended |
| e. Language other than English
<i>Must be the same language</i> | 2 Years Required / 3 Years Recommended |
| f. Visual & Performing Arts | 1 Year Required |
| g. College Preparatory Elective
<i>Chosen from approved UC “a-f” course list</i> | 1 Year Required |

Approved UC “a-g” High School Course List <http://www.ucop.edu/doorways/>

Courses taught at FCUSD comprehensive high schools that fulfill the UC/CSU requirements can be found online by entering the high school name at the above website.

Private Colleges and Universities www.aiccu.edu www.allschools.com

Students meeting the U.C. admission requirements generally will meet the admission requirements of many California and out-of-state private colleges and universities. Refer to the specific institution’s website and/or catalog for further details.

**Futures High School
Recommended UC / CSU Sample Plan**

Name: _____ Grade: _____ Date: _____

Post H.S. Plans: _____ Career Plans: _____

By following the model shown below you will be able to complete both the High School Graduation Requirements and prepare yourself for university entrance right after high school. If you choose this route make sure you meet with your counselor at least once a year to discuss your courses and future educational goals.

Subject Areas	GRADE 9			GRADE 10			GRADE 11			GRADE 12		
	Sem. 1	Sem. 2	GR	Sem. 1	Sem. 2	GR	Sem. 1	Sem. 2	GR	Sem. 1	Sem. 2	GR
Social Studies	Geography	Geography		World Hist.	World Hist.		AP US Hist.	AP US Hist.		Am. Govt.	Economics	
English	Hon. Eng 9	Hon. Eng 9		Hon. Eng 10	Hon. Eng 10		Hon. Eng 11	Hon. Eng 11		Hon. Eng 12	Hon. Eng 12	
Math <i>(including Alg.)</i>	Geometry	Geometry		Algebra 2	Algebra 2		Pre-Calc.	Pre-Calc.		AP Calculus	AP Calculus	
Science	Earth Sci.	Earth Sci.		Biology	Biology		Chemistry	Chemistry		Physics	Physics	
Foreign Language	Foreign Lang. 1	Foreign Lang. 1		Foreign Lang. 2	Foreign Lang. 2		Foreign Lang. 3	Foreign Lang. 3				
Visual Perf. Arts (VAPA)	Beg. Ceramics	Beg. Ceramics		Advanced Ceramics	Advanced Ceramics		Drama	Drama		Beg. Art	Beg. Art	
College Prep Elective	Engnrng 1	Engnrng 1		Engnrng 2	Engnrng 2		Engnrng 3	Engnrng 3		AP Psych.	AP Psych.	
Other	P.E. 9	P.E. 9		P.E. Crs. 2	P.E. Crs. 2					Leadershp.	Leadershp.	
Other												
Other												
Summer/Other												
Total Required Credits = 220	Sem. Total											

Student Signature: _____

Parent Signature: _____

Counselor Signature: _____

10th Grade
October: PSAT
H.S. Exit Exam: _____ ELA _____ Math

11th Grade
October: PSAT
Spring: Take the ACT or the SAT Reasoning Test.

12th Grade
November 30: Deadline CSU/JC
December: Finish ACT/SATs Some schools require by Oct/Nov, check each campus!

OVERVIEW OF HIGHER EDUCATION IN CALIFORNIA

There are two systems of higher education in California – Public and Private. Public institutions are partially supported by tax dollars. Private institutions are fully funded by private money. Therefore, the cost to attend a private college or university is much greater than the cost to attend a public college or university. However, financial aid is available to all students with financial need. With this assistance, each student can attend the college or university of their choice. Public higher education in California is divided into three systems: University of California (UC), California State University (CSU), and the California Community College (CCC). Each of the three has a different focus or mission. The chart below depicts the three public systems of higher education and the private institutions.

PUBLIC	UC	CSU	CCC	Private
Main Focus	Emphasis on teaching and research. Preparing students for the work force or graduate school.	Practical education with the focus on teaching rather than research.	Vocational education and transfer programs to other institutions.	The mission carries from campus to campus. Many grew from religious roots.
Number of Campuses	10	23	112	75
Local Examples	UC Davis	CSU-Sacramento	American River	University of Pacific
Percent of Graduating High School Seniors Accepted	45%	72%	100%	Varies greatly from campus to campus
Approximate Annual Tuition	\$13,000	\$6,600	\$550	Up to \$33,000
Types of Degrees Granted	Bachelors, Masters, Doctorates, and all professional degrees (i.e. lawyer, doctor, dentist, etc.)	Bachelors, Masters, and Credentials (i.e. Teaching Credential)	Associates (2 year degree)	Bachelors, Masters, Doctorates (Varies from campus to campus)

OVERVIEW OF UNIVERSITY ENTRANCE TESTING

Sine there are great variations in grading standards and course rigor within and across high schools in the U.S., standardized college entrance test were created to help colleges and universities identify students who could succeed at their institutions and to connect students with educational opportunities beyond high school. The two most well known variations of these tests are: SAT and ACT. Participation in one of these tests is REQUIRED for 4-year college / university entrance. Keep in mind these tests can be taken as many times as a student wishes to take them. Only the best scores get sent to the higher institution you wish to attend.

PSAT

What is it?

PSAT is also known as Pre-SAT. Its main purpose is to better prepare you for the SAT, give you an opportunity to enter competitions for scholarships, and help you assess your college readiness. It is highly recommended to take the PSAT before taking the SAT.

When:

Wednesday, October 14, 2015 (Futures H.S./Time: TBA)

Fees:

The fee for this test is \$14. A limited number of fee waivers are available on a first-come, first-served basis for eligible students in eleventh grade who are considered low-income and meet the USDA income eligibility guidelines.

** If you sign up, but don't attend the test, \$3 will be retained from your fees for administrative purposes.*

To learn more visit: www.collegeboard.com/PSAT

SAT

What is it?

Within the SAT program there are two types of tests: The SAT and SAT Subject Tests.

- **The SAT** - is a standardized assessment of the critical reading, mathematical reasoning, and writing skills students have developed over time and that they need to be successful in college. Duration of the test is 4 hours.
- **SAT Subject Tests** – measures the students' knowledge and skills in particular subject areas, and their ability to apply that knowledge. They are closely linked to the high school curriculum. Duration of each subject test is 1 hour. Three subject tests can be taken in one test date.

When:

Test Date	Deadline to register
October 2015	TBA – check website
November 2015	TBA – check website
December 2015	TBA – check website
January 2016	TBA – check website
March 2016	TBA – check website
May 2016	TBA – check website
June 2016	TBA – check website

Where:

Local High Schools.

Fees:

The fee for the SAT test is \$52.5.

The fee for SAT Subject tests is \$84.

** Fee waivers are available in the Counseling Office, for eligible low-income students. Each qualifying student is allowed 2 fee waivers for The SAT and 2 fee waivers for SAT Subject Tests during all four years of high school.*

To learn more visit: www.collegeboard.com/SAT

ACT

What is it?

ACT is analogous to the SAT and is a national college admissions examination that consists of subject area tests in: English, Mathematics, Reading, and Science. Most universities require one to complete the ACT Plus Writing, which includes the four subject area tests plus a 30-minute Writing Test.

When:

Test Date	Registration Deadline
September 12, 2015	TBA – check website
October 24, 2015	TBA – check website
December 12, 2015	TBA – check website
February 6, 2016	TBA – check website
April 9, 2016	TBA – check website
June 11, 2016	TBA – check website

Where:

Local High Schools

Fees:

The fee for ACT (No Writing Test) is \$38. The fee for ACT Plus Writing is \$54.50.

** Fee waivers are available in the Counseling Office, for eligible low-income students **who are Juniors or Seniors**. Each qualifying student is allowed 2 fee waivers for the ACT during all four years of high school.*

To learn more visit: www.ACT.org

CHECK THESE SITES OUT!

Scholarships

- ❖ www.fastweb.com
- ❖ www.collegescholarships.org
- ❖ www.collegeboard.com/scholarships
- ❖ www.icanaffordcollege.com
(for Junior Colleges)

Tour University campuses online!

- ❖ www.youniversitytv.com

Find out if you are a good fit for a university of your choice

- ❖ www.cappex.com

PREPARING FOR COLLEGE – A STEP-BY-STEP GUIDE*

9th Grade	<ul style="list-style-type: none"> • Remind your counselor that you want to attend a 4-year college or university. • Take algebra or geometry and a foreign language in both semesters. • Maintain A's and B's in all subjects, and do at least one hour of homework each night. • Form a study group with friends who also plan to go to college and study together often. • Create a personal resume file to save: report cards, diplomas and certificates presented to you, a list of honors and awards you receive, a list of school and community activities you join, a list of offices you hold in these organizations, a list of jobs you hold (paid and volunteer). Update this file each semester. • Begin visiting local community colleges, state universities, and an independent college or university with your family or friends. Call the admissions office for brochures and information about campus tours. • Participate in academic enrichment programs. • Look for online for scholarships.
10th Grade	<ul style="list-style-type: none"> • Review your 9th and 10th grade class schedules with your counselor to make sure you are taking college prep classes. • Maintain A's and B's and do at least one to two hours of homework every night. • Continue to form study groups with friends. • Update your personal resume file. • Continue to visit local community colleges, state universities, or independent schools. • Register with your counselor for the PSAT in October. (no fee waiver available) • Continue to participate in academic enrichment programs. Many are held on college campuses, and some offer scholarships. • Look online for scholarships. • <u>Over the summer, prepare for the SAT I or ACT by reading books and manuals with testing tips and sample questions.</u>
11th Grade	<ul style="list-style-type: none"> • Maintaining A's and B's is especially important during your junior year. You should be doing a minimum of two hours of homework each night and continuing to participate in study groups. • Register for the PSAT in October. The results will give you and your counselor an idea of your strengths and the areas you need to improve as you prepare for college admission. (fee waivers available) • If you are taking Advanced Placement subjects, register to take the AP exams in the spring. Scoring well on those exams will enable you to earn credit for college level courses. • Do some research. Most schools have computers to help you search for college and university information. All college counseling offices have libraries of college catalogs, guidebooks and directories information. • Create a file on colleges that appeal to you. Ask for literature about admission, financial aid and your proposed college major if you have one. • Begin visiting the colleges that interest you. • Take the SAT or the ACT at least once by the end of 11th grade. Taking the test in the spring will allow you to meet with your counselor to determine if you need to test again in the fall. (fee waivers available) • Check with your counselor to see if you should take the SAT II in any subjects that will be completed in your junior year. • Continue to update your resume. • <u>Over the summer, prepare for the SAT I or ACT by reading books and manuals with testing tips and sample questions.</u> • Look online for scholarships.
12th Grade	<ul style="list-style-type: none"> • Continue to form study groups and do two to three hours of homework per night. Maintain A's and B's. Your grades are still very important. • If you are taking Advanced Placement subjects, register to take the AP exams in the spring. Scoring well on those exams will enable you to earn credit for college level courses. • Check frequently with your counselor for information about scholarships awarded by your school, local companies, and community groups. • Early in September register for the SAT and ACT. (fee waivers available) • In Sept. and Oct. complete the CSS PROFILE (College Scholarship Service Profile) registration form, see your counselor. • Late in October, contact all schools that interest you for application forms including financial aid and scholarship. • Keep a file on each school that includes a checklist of all the required admission items, such as transcripts, application fees, recommendations, essays, test scores, etc. Pay special attention to deadlines – mark them on your personal calendar – and apply early. • October & November – file your UC and CSU applications. • Practice filling out application or scholarship forms on a photocopy first. Also, many colleges have electronic applications, which can be filled out on a computer and sent over the internet. • December is a critical time for private college early-consideration applications and merit scholarships. • Obtain the FAFSA (Free Application for Federal Student Aid) from your school and have your parents complete the form in January. • January, remind your parents to prepare their income tax statement early enough to photocopy for colleges where you will apply for financial aid. • February, if you want to apply for a Cal Grant, tell your counselor so that the form can be submitted this month. • Wait for your acceptance letter in the spring; you may also hear about financial aid and scholarship eligibility about the same time. • May 1, make your commitment deposit check to the college or university you plan to attend. • Write or call colleges to which you were admitted, but will not be attending and inform them where you will attend. • May, take AP exams • Participate in any summer orientation programs for incoming freshmen.

*Source: University of Southern California

PROGRAMS FOR COLLEGE BOUND STUDENTS

Future High School's programs for high achievers are intended to offer students challenging educational experiences. These programs are designed for highly motivated students who choose to take a more demanding program to improve their critical abilities and skills.

ADVANCED PLACEMENT (AP)

The Advanced Placement programs follow a national curriculum and students are held accountable by a national test that is offered in May of each year. Successful completion of these tests may result in students receiving college credit. Scores on selected Advanced Placement Exams are rated as part of evaluation admittance to many colleges.

Placement in an AP course, is based on grade point average, writing samples, and standardized testing. Some selected courses admit students on performance criteria. There are also prerequisite course requirements for many of these advanced, college-level classes.

Any student may apply to take an Advanced Placement Test in any of the 30 college-level subjects without completing an AP course. The course work is intended to prepare students in the curriculum areas that the exam will cover. Course instructors ask the students to make a commitment to take the course AP exam.

Studies conducted by the University of California have demonstrated that students who complete an AP course and take the AP test will generally do better the first year in college by a full grade point, even if they do not score above a 2 on a scale of 1-5. Students are better able to handle the rigor of college classes.

HONORS PROGRAM

The Honors Program is only offered in curriculum areas when an AP course is not available. These classes also offer a rigorous program that prepares students to take the more challenging Advanced Placement courses. The Honors programs have admittance criteria based on teacher recommendation, prerequisite course completion, nationally normed test scores, and grade point averages.

Definition of codes used in this booklet:

(W) = Upon successful completion of AP courses or Honors English 3 or Honors Chemistry, students will receive Weighted Grade Point, denoted by a (W) following the course title.

(P) = College prep courses (on the UC approved "a-g" list) in this catalog are denoted by a (P) following the course title.

JUNIOR COLLEGE CONCURRENT ENROLLMENT COURSE POLICY

Local junior colleges offer concurrent enrollment opportunity that provides unique and sustainable way to deliver rigorous curriculum to High School students in 11th and 12th grades. Qualified students can earn college credit prior to high school graduation. After reviewing the course based on the board approved school eligibility criteria, the recommendation is submitted to the school registrar for course input. Students who partake in this opportunity are eligible to receive weighted GPA (honors) credit for the courses that meet the following criteria. Courses must:

- ☒ be academic, at least 3 units
- ☒ fit into the A-G subject area pattern
- ☒ be transferable to UC/CSU
- ☒ not be available through Futures H.S. regular program

Student who plan to petition for weighted GPA MUST PRE-APPROVE* the course/s with the school counselor before registering!

To receive weighted GPA, students must bring an official college transcript to the school counselor upon completion of the course. The counselor reviews the course based on the above mentioned criteria, and, if approved, submits it to the school registrar for grade input.

COURSE DESCRIPTIONS

*** PLEASE NOTE: Although a D might earn HS credit, only a C or better indicates readiness for the next course and meets UC/CSU entrance requirements.**

Key:

- **(P)** – College Prep Elective, part of A-G courses
- **(W)** – weighted GPA
- **Prerequisite** – requirements prior to taking a course
- **Co-requisite** – requirements to be taken during the same semester

ENGLISH

ENGLISH 9 (P)

Year 10 Credits

Class Restrictions: Grade 9

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: English 9 fulfills the requirement for 9th graders seeking a high school diploma. This course focuses on essential skills in preparation for the CAHSEE as well as prepare students for post-secondary education and the world of work by strengthening reading skills, developing critical thinking, offering opportunities in public speaking, and providing a comprehensive study of writing, grammar, mechanics, usage, vocabulary, and spelling. Important concepts will be expanded to apply to everyday life situations. Process-based instruction in writing will strive to increase students' writing fluency.

HONORS ENGLISH 9 (P) (W)

Year 10 Credits

Class Restriction: Grade 9

Prerequisites: a grade of B+ or higher in 8th grade English and English teacher recommendation.

* College approved for UC/CSU systems.

Course Description: English 9 Honors is a challenging, college-bound course meant for students who have exhibited academic excellence in English to date. It is an accelerated curriculum and has been designed to prepare you for the rigor of college. Students will learn the basics of essay writing: how to formulate a thesis and major claims, and how to back up these claims with evidence from the text. They will also practice a wide variety of writing styles. Semester grades are recorded using a 5 point GPA scale.

ENGLISH 10 (P)

Year 10 Credits

Class Restrictions: Grade 10

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: English 10 is an integrated approach to reading, writing, listening, and speaking curriculum based on the California English Language Arts Standards. This course is a balanced, comprehensive program that develops skill in reading and writing, speaking and listening and fosters the appreciation of language arts, as well as prepares students for the CAHSEE. Students will continue to apply the knowledge and skills acquired in the ninth grade.

HONORS ENGLISH 10 (P) (W)

Year 10 Credits

Class Restrictions: Grade 10

Prerequisites: a grade of B+ or higher in 9th grade English, English teacher recommendation, and completion of the required summer reading project.

*College approved for UC/CSU systems.

Course Description: [Honors English 10 is a one year curriculum of American, British, and World Literature specifically designed for students desiring a more academically rigorous English course. The course format is primarily reading, writing, and discussion. Semester grades are recorded using a 5 point GPA scale.](#)

ENGLISH 11 (P)

Year 10 Credits

Class Restrictions: Grades 11

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: English 11 covers many areas. The focus of this course will be grammar review, vocabulary development, composition, and a lot of reading. While doing all of this reading, students will also do a lot of writing including preparing discussion questions, letters, journals, literary critique, and literary compare / contrast. Some of this will be homework, and some of this will be in the students' ongoing reader's notebook. Students will also do some creative writing in class.

HONORS ENGLISH 11 (P) (W)

Year 10 Credits

Class Restrictions: Grade 11

Prerequisites: a grade of B+ or higher in 10th grade English, English teacher recommendation, and completion of the required summer reading project.

* College approved for UC/CSU systems.

Course Description: Honors English 11 is a college preparatory course with a one year curriculum of American and English Literature, and is specifically designed for students desiring a more academically rigorous English course. The course format is primarily reading, writing, and discussion. Students in this course will be expected to do more difficult reading assignments and more complex writing assignments than in English 11. Semester grades are recorded using a 5 point GPA scale.

ENGLISH 12 (P)

Year 10 Credits

Class Restrictions: Grade 12

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: English 12 covers many areas. The focus of this course will be grammar review, vocabulary development, composition, and a lot of reading. While doing all of this reading, students will also do a lot of writing including preparing discussion questions, letters, journals, literary critique, and literary compare / contrast. Some of this

will be homework, and some of this will be in the students' ongoing reader's notebook. Students will also do some creative writing in class.

HONORS ENGLISH 12 (P) (W)

Year 10 Credits

Class restrictions: Grade 12

Prerequisites: a grade of B or higher in Honors English 11, proficient scores in CSTs, English teacher recommendation, and completion of the required summer reading project.

* College approved for UC/CSU systems.

Course Description: Honors English 12 is a college preparatory course with one year curriculum of English, American, and World Literature, and is specifically designed for students desiring a more rigorous course of study in preparation for further education. The course format is primarily reading, composition, and discussion. Students in this course will have a greater volume of work, will be expected to maintain their own deadlines and work independently, and will be given more difficult reading and writing assignments than in English 12.

HIGH POINT ENGLISH (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Take placement test or teacher recommendation.

* One year of this course is college approved for UC/CSU systems.

Course Description: High Point is a year long, two-period course for high school English Learners that develops beginning listening, speaking, reading, and writing skills. The course uses a sequence of courses designed to move students who are new to English into regular English language arts instruction within a three-year period. Course content enables students to master high early-intermediate ELD standards. Students continue to develop basic interpersonal communication skills in this course as well as foundational skills that promote the later development of academic language and literacy.

MATHEMATICS

**See page 23 for a mathematics department flow chart.*

ALGEBRA 1 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: A grade of C- or higher in Pre-Algebra both semesters.

* College approved for UC/CSU systems.

Course Description: This course is the foundation for high school mathematics courses. It is the bridge from the concrete to the abstract study of mathematics. Topics include simplifying expressions, evaluating and solving equations and inequalities, and graphing linear and quadratic functions and relations. Real world applications are presented within the course content and a function's approach is emphasized.

GEOMETRY (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: A grade of C- or higher in Algebra I both semesters.

* College approved for UC/CSU systems.

Course Description: The Geometry course includes an in-depth analysis of plane, solid, and coordinate geometry as they

relate to both abstract mathematical concepts as well as real-world problems situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.

ALGEBRA 2 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Algebra 1 and Geometry with a C or higher.

* College approved for UC/CSU systems.

Course Description: Algebra 2 extends the content of Algebra 1 and develops a systematic approach to algebra and problem solving while covering the following: functions, radical, exponents, systems of equations, conic sections, logarithms, complex numbers, sequences and series, and the binomial theorem. Topics from probability and statistics will also be covered. Students must have a scientific calculator to complete this course.

PRE-CALCULUS (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Algebra 2 with a C- or higher both semesters.

* College approved for UC/CSU systems.

Course Description: Trigonometric functions are developed and defined in terms of coordinate geometry and right triangles. Topics include graphs of trigonometric functions, trigonometric identities, trigonometric equations, angles in degree and radian measure, formulas, solutions of right and oblique triangles, and rectangular and polar coordinates. Graphing techniques and solutions of polynomial equations, review of analytical geometry concepts, rotations, and translations of second-degree conic equations. Rational functions, the fundamental theorem of algebra, limits and basic derivatives are also covered in this course. An approved graphing calculator is required for this course (may be supplied by the school). This course prepares students for AP Calculus AB.

AP CALCULUS AB (P) (W)

Year 10 Credits

Class restrictions: None

Prerequisites: Completion of Pre-calculus with a B- or higher both semesters and teacher recommendation.

* College approved for UC/CSU systems.

Course Description: Advanced Placement Calculus consists of a full academic year of work in Calculus and related topics which are comparable in rigor and content to college and university courses. Topics covered explore the theory and applications of elementary functions, differential calculus, and integral calculus as presented in a typical college course. An emphasis will be placed upon developing a mature approach to problem solving. An approved graphing calculator is required for this course (may be supplied by the school). The student will be encouraged to take the Calculus AB, Advanced Placement Exam.

AP CALCULUS BC (P) (W)

Year 10 Credits

Class restrictions: None

Prerequisites: Completion of AP Calculus AB with a C or higher both semesters and teacher recommendation.

* College approved for UC/CSU systems.

Course Description:

The BC course is an accelerated version of the AB course, with the addition of more advanced integration techniques, improper integrals, infinite series, and calculus involving parametric equations. Students study Functions, Graphs and Limits with parametric, polar, and vector functions; Derivatives and their applications and computations; Interpretations and Properties and Applications of Integrals; techniques and applications of Antidifferentiation; and Polynomial Approximations and Series with the series of constants and Taylor series. Students are expected to be more independent learners, conducting analysis and bringing forth and discussing questions in a cohort setting. An approved graphing calculator is required for this course (may be supplied by the school). The student will be encouraged to take the Calculus BC, Advanced Placement Exam.

BUSINESS MATH

Year 10 Credits

Class Restrictions: None

Prerequisites: A grade of D or an F in both Algebra I and Geometry.

Course Description: The course provides students an opportunity to relate mathematical concepts directly to common workplace activities and teaches students the math skills they need to enter workforce. This course provides students an opportunity to use the math skills almost every day at home, at school and on the job. The goal of this course is to provide students with the tools they will need to function as independent, employable, contributing citizens. Course not intended for university-bound students.

SOCIAL STUDIES

GEOGRAPHY (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: The Geography course seeks to build student skill in analyzing maps; familiarize students with the names and locations of physical features, countries, and cities around the world; and make students aware of cultural differences among and within specified regions. The course begins with primers on mapreading, themes in geography, population relationships, and elements of culture. It then delves into cultural characteristics by region, including themes such as: religion, history, economics, government, "rights of passage", climate, food, and social units. Current events are also intermittently discussed throughout the year. Geography is traditionally taken by freshmen to lay groundwork for later social science classes, but is open to all grades.

WORLD HISTORY 10 (P)

Year 10 Credits

Class Restrictions: Grade 10

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: The World History course explores some of the struggles for power within and between nations from the eighteenth century to the present day. World History is a required course for all 10th graders and aligns with California State Standards. Topics include: Principles of Democracy, 18th and 19th century Revolutions, the Industrial Revolution, 19th century Imperialism, World War I, the Russian Revolution, Totalitarian Governments of the Inter-War years (i.e. the governments of Stalin, Hitler, and Mussolini), World

War II, Genocide and the Holocaust, the Cold War, and Modern Issues in the World Today. Students will participate in simulations, small and large group discussions, role-playing, reading, writing, and note-taking in order to better grasp course concepts.

U.S. HISTORY (P)

Year 10 Credits

Class Restrictions: Grade 11

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: U.S. History is a year long course that studies the history of America from the founding to modern times. We will see how America fought for their independence, expanded their territory, fought to end slavery, went through a depression, and progressed into a world power in its short 233 year history. U.S. history deals with topics that affect us in many ways.

AP U.S. HISTORY (P) (W)

Year 10 Credits

Class Restrictions: Grade 11

Prerequisites: Grade of B or higher in World History, proficient scores in CSTs, and History teacher recommendation.

* College approved for UC/CSU systems.

Course Description: A.P. U.S. History is a year long class that follows the events of pre-colonization to present time. It is a college level course where students are prepared to provide the analytic and factual knowledge necessary to deal with problems and issues within the scope of U.S. History. Students will study the political, social, economic, and diplomatic history of the United States, beginning with the Revolution and concentrating primarily on the 20th century. Specific themes and topics covered in this course include, but are not limited to, the following: the influence of Enlightenment thinkers on the drafting of the nation's founding documents, post-bellum immigration and industrialization, World War I, the Great Depression and the New Deal, World War II, the Civil Rights Movement, the Cold War, and other recent historical events. This is a demanding course that takes a lot of commitment. The student will be encouraged to take the U.S. History Advanced Placement Exam.

AMERICAN GOVERNMENT (P)

Semester (Fall) 5 Credits

Class Restrictions: Grade 12

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: American Government is a semester long class that teaches students the importance of the U.S. government and how it relates to us in California. We break down key terms and discuss them so that we may better understand. We will also study the three branches of government and discover a better understanding of the political party system.

ECONOMICS (P)

Semester (Spring) 5 Credits

Class Restrictions: Grade 12

Prerequisites: None

* College approved as an elective for UC/CSU systems.

Course Description: Economics is a semester long course that studies the process of economics and how it affects us. What is supply and demand? How did the Great Depression affect us and what caused it, and how did we get out of it? These are some of the topics that we need to know if we want to be able to understand how the how our economy works.

AP PSYCHOLOGY (P) (W)

Year 10 Credits

Class Restrictions: Grades 11-12

Prerequisite: Grade of B or better in last year's English class and history teacher recommendation.

*If student interest exceeds class capacity, eligible students will be enrolled based on cumulative GPA ranking.

* College approved for UC/CSU systems.

Description: AP Psychology is a college-level survey course that introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. Students will be highly encouraged to take the Advanced Placement Psychology Exam.

SCIENCE

EARTH SCIENCE (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved as an elective for UC/CSU systems.

Course Description: This course is based on the Science Content Standards for California Public Schools. Earth Science will cover the topics of Astronomy, Earth's Dynamic Processes, Atmospheric Science, Biogeochemical Cycles, Energy Systems, Climatology, and California Geology. The pedagogy of the class will emphasize investigations, presentation of data, class discussions, research utilizing technology. The curriculum is lab based, which allows students to develop scientific and critical thinking skills by focusing on questioning, experimentation, data analysis, research and presentation skills. This class is designed to fulfill a year of an elective science requirement for the U.C. system.

BIOLOGY (P)

Year 10 Credits

Class Restrictions: Grade 10

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: In this course students learn about a variety of topics in the life sciences, all of which are based on centuries of scientific thought and research. It is an exciting time to live in and think about the nature of life. The entire human genome has been revealed, there are beginning signs for possible past lives in other worlds. Yet, new decisions need to be made by the public, and our children need to be prepared to make those decisions in order to improve the quality of their lives, and to preserve the environment.

Biology is a laboratory science course covering topics in: ecology, cells, genetics, evolution, bacteria, viruses, and the human body. This course meets university laboratory science entrance requirements.

CHEMISTRY (P)

Year 10 Credits

Class Restrictions: Grade 11 or 12

Prerequisites: Completion of Algebra I with a C- or better or with teacher permission. Completion of Algebra II with a C or better is *highly* recommended.

* College approved for UC/CSU systems.

Course Description: Chemistry is science course that meets the minimum graduation requirements for a physical science lab course. It also meets the UC standard for a Laboratory physical science course. Chemistry is the study of matter and the changes that it undergoes. The course covers the traditional topics of chemistry including atoms, molecules, nomenclature, stoichiometry, gas laws, and thermodynamics. Laboratory experiences are a major component of the course in addition to traditional instruction

PHYSICS (P)

Year 10 Credits

Class Restrictions: Grade 11 or 12

Prerequisites: Completion of Algebra II with a C- or better or teacher recommendation.

* College approved for UC/CSU systems.

Course Description: This one-year course in physics covers the fundamentals of mechanics, fluids and waves, thermodynamics, electricity and magnetism, light and optics, and modern physics. The focus of the class is on problem solving in both theoretical and laboratory based situations. In Physics, students learn essential concepts of physics through demonstrations, laboratory work, and discussion. Careful gathering and analysis of quantitative data is stressed.

FOREIGN LANGUAGE

RUSSIAN 1 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: Students get basic knowledge of phonetics, vocabulary, and syntax on high school level. In the end of the course, they should be able to differentiate between vowels sounds from consonant sounds, and voiced consonants from voiceless consonants. They also should be able to use synonyms and antonyms properly in their writing and speech, as well as find prefixes and suffixes in any word as well. They should know grammatical properties of nouns, adjectives, verbs, pronouns, and numbers as well. In Russian classical literature they should find and classify epithets, metaphors, comparisons, and others.

RUSSIAN 2 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Russian 1 with a C- or better both semesters.

* College approved for UC/CSU systems.

Course Description: Students develop and fasten knowledge that they learned in Russian 1 class. In the end of the class they should use the rules of writing that are needed to be known at this level. They learn such parts of speech as participle and adverbial participle. Also they should be able to write an essay on different topics using all their knowledge about grammar, vocabulary, and syntax. In literary works of greatest Russian and former Soviet writers they should be able to classify styles of the authors, find topics and main idea of them.

RUSSIAN 3 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Russian 2 with a C- or better both semesters.

* College approved as an elective for UC/CSU systems.

Course Description: Students develop and fasten knowledge that they learned in Russian 1 and 2 classes. They will learn specific properties of all parts of speech including adverbs, conjunctions, and particles, and use their knowledge in their writings and speeches. Also students should be able to write different types of essays, using examples from greatest Russian, former Soviet Union, and modern writers. In addition, pupils will learn how to begin and finish essays, and what methods of great writers they can use in their own essays. Finally, they will learn to recognize the differences between a work of a writer and a movie that is made on basics of the work.

SPANISH 1 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: The main goal of this course is to reach the entry-level student by presenting material in an active, flexible and meaningful manner. Vocabulary and basic grammatical structures are taught and practiced. At this level, it is vital to communicate the cultural diversity of Spanish speaking countries, so that students develop appreciation and understanding of varied Hispanic cultures.

SPANISH 2 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Spanish 1 with a C- or better both semesters.

* College approved for UC/CSU systems.

Course Description: Material covered in Spanish I is reviewed and the four basic language skills are further developed. Whereas Spanish I emphasizes listening, repetition and basic self expression, students in Spanish II deal with more complex structures, both in spoken and written forms.

SPANISH 3 (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Spanish 3 with a C- or better both semesters.

* College approved for UC/CSU systems.

The Spanish 3 program focuses on the strengthening of oral and written skills using the target language. Students will be able to communicate ideas, and participate in a variety of topics, using appropriate vocabulary and grammar structure (conditional, future, present perfect). Listening and reading comprehension skills will be also continually developed.

VISUAL & PERFORMING **ARTS**

BEGINNING ART (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: This class is recommended for students taking their first high school art class to promote connections to community involvement and career paths; self-expression, creativity and problem solving. Students will explore a variety of 2-D arts (may include paper art, drawing, painting, and printmaking) and introduction to 3-D arts expressions. Students also study basic aesthetics and art criticism, as well as artists throughout history and their techniques. Techniques taught include but are not limited to Drawing, Painting, Printmaking, Sculpture, Mixed-Media, Collage, and Calligraphy.

DRAMA (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved as an elective for UC/CSU systems.

Course Description: This is an introduction to theater arts, including elements of acting, playwriting, directing, design, and theatre history/theory. Students will be responsible for a wide variety of exercises and assignments, ranging from initial breathing and voice techniques to more specific theatrical elements, such as pantomime and improvisations. During the year students will also work on a puppet show, mask theater, script writing and directing.

BEGINNING CERAMICS (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: Students will complete a variety of ceramic art projects incorporating the elements of art and principles of design outlined in the Visual And Performing Arts and California State Standards for Secondary Schools. Students will learn visual references and interdisciplinary connections from history, science, English and math. As well as, safe and proper use of tools and conservation of materials will be explained and stressed throughout the course

ADVANCED CERAMICS (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: Completion of Ceramics I with a C or better.

* College approved for UC/CSU systems.

Course Description: Students will complete a variety of advanced ceramic art projects incorporating the elements of art and principles of design outlined in the Visual and Performing Arts and California State Standards for Secondary Schools. Throwing clay on the potter's wheel, advanced ceramic sculpture techniques, and concepts of working in a series will be introduced. Students will learn visual references and interdisciplinary connections from history, science, English and math. As well as continue to practice safe and proper use of tools and conservation of materials. Throughout the course students will learn to photograph their work and create an advanced portfolio to share. Student work will be included in an exhibition at the end of the year.

CONCERT ORCHESTRA (P)

Year 10 Credits

Class Restrictions: None

Prerequisites: None

* College approved for UC/CSU systems.

Course Description: Concert Orchestra is a one-year course open to all students with a basic level performance on an instrument. This course is designed to increase the students playing and performance skills, as well as develop aesthetic and cultural values through critical listening. Medium to difficult

DIGITAL ELECTRONICS (P)

(Project Lead the Way)

Year 10 Credits

Class Restrictions: Grade 11 and above

Prerequisites: Completion of Algebra 1 with a C- or higher both semesters.

Co-requisite: Concurrent enrollment in a college preparatory Mathematics course.

* College approved for UC/CSU systems.

Course Description: This course introduces students to applied digital logic, a key element of careers in engineering and engineering technology. This course explores the smart circuits found in watches, calculators, video games, and computers. Students use industry standard computer software in testing and analyzing digital circuitry. They design circuits to solve problems, export their designs to a printed circuit auto-routing program that generates printed circuit boards, and use appropriate components to build their designs. Students use mathematics and science in solving real-world engineering problems.

BIOTECHNICAL ENGINEERING (P)

(Project Lead the Way)

Year 10 Credits

Class Restrictions: Grade 11 and above

Prerequisites: Completion of Algebra 1 with a C- or higher both semesters.

Co-requisite: Concurrent enrollment in a college preparatory Mathematics course.

* College approved for UC/CSU systems.

Course Description: In this course students explore the diverse fields of biotechnology. Hands-on projects engage students in engineering design problems related to biomechanics, cardiovascular engineering, genetic engineering, tissue engineering, biomedical devices, forensics and bioethics. Students apply biological and engineering concepts to design materials and processes that directly measure, repair, improve and extend living systems.

MEDICAL

HEALTH

Semester (Fall) 5 Credits

Class Restrictions: Grades 9-12

Prerequisites: None

Course Description: This comprehensive health education course provides students with accurate information which they can utilize to develop healthy attitudes and behavior patterns. Critical thinking and decision making skills are taught and practiced throughout the course as students are encouraged to recognize that they have the power to choose healthy behaviors in order to reduce risks. The topics covered include mental health (personality, self-esteem, stress management, mental disorders, and suicide), family and social health (healthy relationship, violence prevention, sexuality, and diversity), human growth and development (reproduction, pregnancy and birth), nutrition, fitness, substance abuse (alcohol, drugs, tobacco), disease and disorders (infectious disease, AIDS, sexually transmitted diseases, noninfectious diseases and disabilities), consumer and personal health, personal safety, and community and environmental health.

MEDICAL TERMINOLOGY (online)

Semester (Spring) 5 Credits

Class Restrictions: Grades 9-12

Prerequisites: None

Course Description: This course provides students with skills necessary to interpret and understand medical terminology. During the course students will study the practical application of a medical vocabulary system, including the structure, recognition, analysis, definition, spelling, pronunciation, and combination of medical terms from prefixes, suffixes, roots, and combining forms. This course will benefit anyone pursuing a health care career.

ANATOMY & PHYSIOLOGY (P)

Year 10 credits

Class Restrictions: Grades 10-12.

Prerequisites: 2.0 GPA or better.

* College approved for UC/CSU systems.

Course Description: This course is rigorous science course for those students interested in learning more about biology, medicine, and health care professions. This is a lab course that will meet UC Board of Regents criteria for college prep life science or elective courses. Students will not only gain understanding of the essentials of how the human body functions, but will also become very practiced in correct laboratory procedures.

NON-DEPARTMENTAL

LEADERSHIP/YEARBOOK

Year 10 Credits

Class Restrictions: None

Prerequisite: A minimum 2.0 overall GPA and a minimum of 2.0 GPA in the current semester, regular attendance, and good behavior in the current year. Leadership teacher and Principal's approval required. Application required.

Course Description: Leadership is a course where students learn leadership traits that can be used in everyday life. Leadership allows students to be involved in the processes that helps make the school run, and the knowledge they take in can be used after graduating from school in the workforce. Also, FHS Yearbook will be created in this class. Students will go through the steps in publication from design ideas to final copy. Students will photograph and write about the relationships and interaction between students, teachers, administrators, and support personnel, as well as about how the seniors will remember their final year at Futures. Students will learn the basics of Adobe PhotoShop as well as the principles of quality publication design.

Students, who are elected for Student Government (officers), must be enrolled in the Leadership course.

While taking this course students must have a full schedule of classes (six periods).

Attendance at various Leadership functions required.

CAREER PREP / SERVICE LEARNING

Year 10 Credits

Class Restrictions: Grades 11 & 12

Prerequisites: None

Course Description: College & Career Prep is a stimulating course whereby you will explore the various careers and colleges/universities, while at the same time discover the many skills and/or techniques that will enhance your ability to succeed in both the college and business environment. You will also be exposed to: communication skills, setting goals, what to look for in a college/university/career trade school, differences between private and state colleges/universities, scholarships, student loans and grants, education on a budget, choosing a major and /or minor, ACT and SAT, campus life and

roommates, making the grades, myths & legends in the college and career realm, improving self-image and positive attitudes, choices and challenges, rights as an employee, handling both failure and success, and resources to empower your job search.

DRIVER EDUCATION (online)

Semester (Spring) 5 Credits

Class Restrictions: Grades 9-12

Prerequisites: None

Course Description: This course includes driver education and first aid training. Driver education prepares students to meet Department of Motor Vehicles standards by emphasizing the sequence of IPDE (Identify, Predict, Divide, and Execute). After successfully completing this course students will obtain a "pink slip", which gives them an opportunity to take the written test at DMV to obtain a permit.

TEACHER/OFFICE/LIBRARY ASSISTANT

Year 10 Credits

Class Restriction: Grade 11-12

Prerequisite: 2.0 GPA, permission of a teacher, counselor, or administration. Student assistant positions are available in all classes as well as in the office and the library.

Course Description: All student assistants are expected to be dependable, to show initiative and to demonstrate responsibility. **Promptness and regular attendance are expected.** Students will demonstrate behavior suitable to a business setting and will model honesty, politeness, and appropriate dress to fellow students. All student assistants are expected to display a high degree of integrity and ability to maintain confidentiality.

Please Note: No more than 10 credits of Student Assistant may be used toward graduation. No more than one assistant position can be held per semester.

ENRICHMENT (see page 23)

Semester 1 Credits

Course Description: Enrichment courses are designed to expand students' interests, provide opportunities for creativity and in-depth work, explore different options and interests, and set goals for the future. Students will get an opportunity to participate in a class of their interest, ie: sports, chess, film critique, robotics, etc. Students have a choice to change to another enrichment class based on interest every semester. Altogether, students will get an opportunity to take up to 8 different disciplines in all 4 years of High School.

CONCURRENT ENROLLMENT - COLLEGE CLASSES

ADVANCED EDUCATION *

Semester 1 unit = 3.33 H.S. credits

Class Restrictions: Completion of 10th grade or 16 years of age. Students are allowed to take up to 2 college courses or 6 units each semester.

Prerequisites: Minimum of 2.7 cumulative GPA

Program Description: High school students have an opportunity of concurrent enrollment at any Los Rios College: ARC, CRC, SCC, FCC. This program is designed for high achieving students who would like to challenge themselves with college-level courses, would like to get a head start on their college education or explore a field of study that is not available in the high school. Both college and high school credits are

given for successful completion of the college courses. Students do not have to pay tuition to participate in this program. The only cost to this program is to pay for transportation, textbook and/or materials fees. ESL and pre-college-level math courses are not available to high school students. **This is not a remediation program where students can make-up classes that they failed in High School.**

** Courses that are "UC/CSU Transferable" can get weighted High School GPA credit. (See page 11)*

ACADEMIC ENRICHMENT *

Semester 1 unit = 3.33 H.S. credits

Class Restrictions: Completion of 10th grade or 16 years of age. Students are allowed to take up to 7 units each semester.

Prerequisites: Minimum of a 2.7 cumulative GPA

Course Description: High school students have an opportunity of concurrent enrollment at Sierra College. This program is designed for high achieving students who would like to challenge themselves with college-level courses, would like to get a head start on their college education or explore a field of study that is not available in the high school. Both college and high school credits are given for successful completion of the college courses. Students pay \$46/unit, plus textbook and/or materials fees. ESL and pre-college-level math courses are not available to high school students. **This is not a remediation program where students can make-up classes that they failed in High School.**

** Courses that are "UC/CSU Transferable" can get weighted High School GPA credit. (See page 11)*

ACCELERATED COLLEGE ENTRANCE (ACE) PROGRAM *

Semester 1 unit = 3.33 H.S. credits

Class Restrictions: Grades 11 and 12

Prerequisites: Minimum of cumulative 3.0 GPA and have a score of 550 in either the Math or Critical Reading section of the SAT OR a combined score of 1100 for these two areas (or equivalent tests).

Course Description: The ACE Program allows qualified high school students to enroll in classes at CSU, Sacramento and earn university credits while completing regular high school studies. Through ACE, advanced high school students can study subject matter which may not otherwise be available to them. Qualified students may take up to one course at Sacramento State provided. Credits earned while participating in ACE may be applied to degree programs at Sacramento State or may be transferred to other universities. Program cost is \$15 plus textbook and/or materials fees. **Interviews for the Fall semester are held in August; interviews for the Spring semester are held in January.**

** Courses that are "UC/CSU Transferable" can get weighted High School GPA credit. (See page 11)*

ENRICHMENT COURSE LIST

Anime / Manga Artistry

Course Description: A look into the cultural Japanese animation artistry. Students will explore the art style over various time periods and various genres and attempt to recreate or pay homage to such styles as authentically as possible. Students will research through watching various shows and graphic novels to determine what style appeals to them while also gaining a deeper appreciation for what they are already familiar with.

Beginning Chess

Course Description: Chess is the classic game that develops spatial thinking and strategies and builds focused concentration. Taught by an experienced chess instructor, the class is geared for all levels of chess players. Beginners learn game rules, tactic and strategic moves. Intermediate and advanced players learn sophisticated combinations and strategies and advanced opening moves.

Beginning Karate

Course Description: An introduction to traditional Japanese karate (Shotokan style); punching, blocking, kicking, sweeping, throwing, falling and striking as a highly effective means of self-defense, an invigorating total body exercise, and an exciting competitive sport for those who are interested.

Beginning Yoga

Course Description: This yoga class is for anyone new to yoga and interested in its benefits. This beginner level yoga sequence will help you build strength, increase flexibility and find focus. Yoga is a challenging and dynamic Vinyasa series, meaning breath is linked to movement. This Level 1 course is moderately paced so you will learn the fundamental postures and principles that create a successful and effective yoga practice. Set to music, this class will invigorate your entire body. Students will also learn about healthy diet and nutrition to optimize health benefits of practice.

Building Wealth

Course Description: One of the biggest concerns of adults today is not having enough money. No matter what career you want to have in the future, this class will help you to learn simple principles to build wealth and avoid the worries of debt. This class does not promote materialism or greed, but teaches some of the simple secrets for making your money work for you—i.e. getting institutions to GIVE you money each month rather than TAKE money away. We will talk about the magic of compound interest, tricks of credit cards, basics of loans, options for investments, stocks, retirement, etc. There will also be a focus on how to finance college tuition and get financial aid. Many lessons are from Dave Ramsey's curriculum specifically for teenagers.

Dance

Course Description: This dance class will incorporate dance history, modern dance techniques, jazz techniques, and dance composition. The class will participate in daily warm up routines and dance techniques. Students will learn modern, contemporary, hip-hop, and jazz dance routines. Students are required to wear appropriate attire for dance movement.

Film Studies Exploration

Prerequisite: C or better in English and parent permission

Course Description: This course is designed as an introductory film appreciation course consisting of the history of film and film-making, invent film critique and analysis, design, music, current film trends, directors, actors, and public response to film.

Flag – Football (COED)

Course Description: Flag football program offers the basics of flag football while learning the game through good sportsmanship and how to play as a team. Students will participate in high energy drills and activities to develop skills such as running, throwing, and catching. Students will also compete in simulated games to demonstrate these fundamental skills and develop a better understanding of the sport.

Forensic Science

Prerequisites: Grades 10-12

Course Description: Do you like shows like CSI, or NCIS? Do you want to solve mysteries using science? Then this is the class for you! In this course we will learn how to collect evidence at crime scenes, and then process that evidence to find clues to help us to ultimately solve a murder! But first we will figure out who stole the cookies from the cookie jar, which of the teachers on our campus wrote the mysterious note we found, conduct an autopsy on a pig, and so much more! All of these projects will help us learn the skills that we need to solve a murder.

Girl's Group

Course Description: In our fast-paced society, girls are often forced to group up too quickly. As they navigate their teenage years, girls often feel alone in their struggles. In this course girls will explore various topics pertaining to being a female and growing up in our society. Topics include but are not limited to: body image, emotions, friendships, self-esteem, relationships, choices, etc.

Home Economics

Course Description: Students will learn about dining etiquette, table etiquette for young men, and table etiquette for your women. Students will also learn to how to make weekly menu plans and shopping lists; learn how to create weekly and monthly cleaning schedules, as well as basic cooking skills. The class product will be to create a class recipe book.

Mad Science

Course Description: Have you ever wanted to take a class that would teach you how to make your hand glow in the dark or how to make your very own light saber? Then this class is for you! Become a Mad Scientist! Develop your own experiments to answer your questions! Have fun working with fellow Mad Scientists on projects that will have you creating solar-ovens, motors, mentos geysers and much more! Have fun working together to explore and learn about science in ways that are completely different than your common science class.

Reading/Study Hall

Course Description: Always find yourself buried in an interesting book? Never have enough time to get your homework done? This option is for students who would just like some quiet time to read and complete their homework. There will only be occasional advisory assignments. However, this is NOT social time or sleep time. This is an excellent option for students with a heavy academic load.

Soccer (Boys)

Course Description: While developing the individual skills and team play necessary to participate in this sport, the student will

receive valuable fitness benefits such as improved cardiovascular health, flexibility, balance, and coordination which will aid the student in keeping a healthy lifestyle.

Softball (COED)

Course Description: The purpose of this course is to enable students to acquire basic knowledge of softball play, develop skills in softball and maintain or improve health-related fitness. The class will include the following: safety practices, rules, terminology, etiquette, history of the softball, sportsmanship, correct techniques in performing skills, consumer issues, benefits of participation, fitness activities, and assessment of skills and fitness assessments. Softball class will focus on teaching players more about the game of softball while working on hitting, catching & throwing.

Studio Art

Course Description: Studio experiences in the classroom will give students opportunities to experience a variety of media while developing student's individual style and creative problem solving skills. Using a variety of Art techniques: Drawing, Painting, Color Chalks, Ceramics, and Sculpture, Students will create projects individually and in groups. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques and public exhibition of their work.

Voice Lessons

Course Description: A wonderful way to participate in the study of voice in a group setting which will build confidence and self-esteem. Lessons will deal with basic vocal technique including proper breathing habits, posture, good diction, phrasing, and interpretation of song literature. Each week we will focus on a particular style of music (such as Broadway, popular songs, classical song repertoire, etc.)

Web Design

Course Description: Students will design a website, which takes a lot of work, yet gives you a lot of flexibility to make it look exactly how you want and express your own personality. In this class you will learn: basic web design tenets, using color effectively, understanding fonts, designing navigation, creating graphics that don't distract from your site, using multimedia (sound, animation, and other media), how to build a site with HTML, CSS, JavaScript and other tools.

FUTURES H.S. MATH DEPARTMENT
COURSE FLOWCHART

