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IRVINE HIGH SCHOOL
COURSE OF STUDY

2018-2019





COURSE OF STUDY



2018-2019

CEEB / ETS Code: 051271

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District Website: www.iusd.org

Irvine Unified School District is committed to equal opportunity for all individuals in education. District programs and activities including membership in student clubs shall be free from discrimination based on race, color, ancestry, nationality, ethnic group identification, age, religion, actual or potential parental, family, or marital status, or the exclusion of any person because of pregnancy or related conditions, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; the perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics. The District does not discriminate in enrollment in or access to any of the activities and programs available. Equity/Title IX Compliance Officer: Keith Tuominen, 5050 Barranca Pkwy, Irvine, CA, 92617, Phone (949)936-5047.



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Irvine High School

4321 Walnut Avenue Irvine, CA 92604

949-936-7000

www.irvinehigh.org

Our Mission... is to enable all students to become contributing members of society empowered with the skills, knowledge, and values necessary to meet the challenges of a changing world, by providing the highest quality educational experience we can envision.

IHS VALUES

IRVINE HIGH SCHOOL
REINFORCES AND TEACHES THE FOLLOWING VALUES DAILY:

- **I**NTEGRITY
- **H**ONOR YOURSELF AND OTHERS
- **S**Ocial RESPONSIBILITY

OUR GRADUATES WILL:

- Demonstrate the ability to recognize and solve problems using critical thinking skills
- Demonstrate knowledge of emotional, mental, and physical wellness and will exhibit positive and appropriate interpersonal skills
- Demonstrate the ability to communicate effectively by listening, speaking, reading, writing and utilizing the technology of the 21st century
- Demonstrate an understanding of what it means to be a contributing member of their local, national, global, and digital communities
- Develop long and short term goals to prepare for a successful and informed transition to college and career

LETTER FROM THE PRINCIPAL

Dear Irvine High School Community,

Welcome to Irvine High School. The transition through high school and into the future is exciting, complex, rewarding and filled with opportunity and hope.

This Course of Study is designed to familiarize you with educational options and resources that will facilitate your transition from high school into the future. It is the blueprint to assist you in meeting your graduation requirements and in planning for life after high school. Keep this handbook bookmarked on your web browser and refer to it often.

The courses offered at Irvine High School are designed both to meet graduation requirements and to satisfy the eligibility requirements for college admission. Successful completion of these requirements will call for a commitment to learning, for responsible attendance, and for consistent academic performance. Your involvement in academics and co-curricular activities will enhance your experiences as a high school student. Use this Course of Study in a thoughtful manner as you consider selecting from the core curriculum and elective courses, building further by adding involvement in co-curricular activities such as visual and performing arts, athletics, career and technology education, as well as extra-curricular activities such as leadership and community service.

At Irvine High School, emphasis is placed on helping students realize their individual interests, abilities, and special talents, while recognizing their personal and career goals. Schoolwide our culture is founded on the values of Integrity, Honoring Self and Others and Social Responsibility for which the definitions have been defined by our students who also understand that these values are at the forefront of what it is to be an Irvine Vaquero.

Our Teacher Advisement Program and the unique Block Schedule in our comprehensive high school provide a foundation for success. We encourage students and parents/guardians to communicate with teachers, Counselors, and teacher advisors as they plan and arrange their high school program.

Regardless of your post-high school intentions, we at Irvine High School encourage you to continue your education and to continue learning into the years beyond your high school graduation.

We have confidence in your abilities and potential.

Have a Great Year,

*Monica Colunga Ed.D.
Principal, Irvine High School*





GENERAL INFORMATION



We, the staff of Irvine High School, believe that daily attendance is a vital component of classroom success.

Further, we believe that if students commit themselves to completing quality work, both in and outside of class, they will be successful in high school and beyond.

Lastly, we believe that if students become involved in activities on campus, they will have a more rewarding, more memorable high school experience.

ATTENDANCE

Students are expected to attend class daily unless ill. Parents/Guardians are required to notify the Irvine High School Attendance Office in the event of absence, either by phone (949-936-7001) on the day of the absence or in writing the day their student returns. Absences that remain unexcused for 3 days will be deemed truant, and detentions will be assigned. This designation is irrevocable, so please call or write a note promptly.

A pupil is considered habitually truant if he or she is:

- absent without a valid excuse for three full days in one school year
- tardy or absent for more than any 30 minute period during the school day without a valid excuse on three occasions in one school year
- any combination thereof

When parents/guardians notify the school of an absence and the reason for the absence, the school determines whether or not the absence is excused. The state of California recognizes four reasons a student may be excused from school:

1. Funeral/death in the immediate family
2. Religious holiday
3. Required court appearance for the student
4. Medical appointment or doctor's note specifying dates student may not attend school

Students who are habitually truant will be asked to verify all illnesses by providing a doctor's note or being cleared through the school's health office. Students and parents/guardians should notify the school in advance of religious holidays that the student will be absent. For any required court appearances, documentation should be provided from the court verifying the absence.

Persistent attendance infractions can result in detentions, assignment to Saturday School, and referral to the district's Student Attendance Review Board (SARB).

Parents/guardians have access to student attendance records through the Parent Portal at MyIUSD.org.

In the event of a long-term illness that necessitates a student being out more than 10 consecutive days, parents/guardians should contact an administrator to request a home teacher. Parents/guardians must complete a form and have it signed by both the student's physician (Physician's Request for Home Teaching) and the school (School Request for Home Teaching). Upon district approval, a home teacher will be assigned. As this process takes time, parents/guardians are encouraged to initiate the request in a timely fashion.

DETENTIONS

Students have many advertised opportunities to serve detention hours. Students can serve Saturday Schools which earn them six hours of detention credit. In addition, students can make arrangements with their administrator to serve before school or during an open period. If a student receives a Saturday School for a cell phone violation, forged phone call, academic honesty violation, or other incident, the student must serve on the Saturday assigned to them and cannot serve these detentions during the school day. If a student is unable to attend the assigned Saturday School, the student or parent/guardian must contact the grade level administrator to be assigned an alternate date.

WORK HABITS

Attendance in classes and work completion are critical to student success. This includes on-task behavior in the classroom, timely completion of assignments, positive contributions during class discussions, and preparing for exams. These behaviors can be facilitated by asking questions and by seeking assistance from parents/guardians, teachers, and tutors. Students who are engaged are students who learn.

INVOLVEMENT

The opportunities for involvement at IHS are myriad and diverse. Students may become involved in our award-winning performing arts, visual arts, and technology programs. From Marching Band and Jazz Ensemble to Drama and Computer Graphics, there is something for everyone at IHS. Students may serve as ASB or class officers, as staff members of the award-winning publications—*El Vaquero*, the student newspaper and the yearbook, and *The Citadel*. Over 50 clubs exist on campus and new clubs are started each year as student interests change and new leaders emerge. Many of these clubs engage in community service activities, offering opportunities for students to serve others. Students who voluntarily engage in at least 25 hours of community service in any given school year, and who submit the [Community Service Form](#) (available on the website) to the record's clerk, receive a community service notation on their transcript.

Involvement in activities fosters acquisition of group interaction skills (including how to be part of a team and how to work cooperatively), time management, organizational, and leadership skills. Above all, being part of something at school generates commitment to school and commitment to learning, which leads to a richer, more rewarding high school experience.

Such experiences are a valued commodity in both the world of work and as criteria for university admittance. Involvement in school activities is an integral part of the comprehensive college admission review process.

COMMUNITY SERVICE

Although community service is not a requirement for an IUSD diploma, many IHS students participate in a wide range of volunteer service. Community service is an activity which demonstrates how a student is enhancing themselves and others throughout the high school years. The recommended practice for students participating in community service is to maintain a record of these activities. For each school year during which 25 or more hours of community service are completed and documented, a notation will be indicated on the high school transcript. A [Community Service Form](#) with instructions for completion is available on-line at www.irvinehigh.org. Community service is often required and favorably viewed for scholarship consideration and on college applications.

THE ADVISEMENT PROGRAM

The Teacher Advisement Program (TA) provides an invaluable service to students, parents/guardians, and staff. It fosters communication and cooperation between and among all of these groups. Advisors have approximately 25-30 students of the same grade level whom they help guide through their high school years. Students are required to meet with their advisor three times each week. This contact promotes the exchange of important grade level and school-wide information and furthers the development of the relationship between advisor and student. In addition, advisor-student-parent/guardian course enrollment conferences are held annually in the spring.

The Teacher Advisor and the School Counselor are the crucial links between the students' needs, abilities, and interests, and the vast array of educational opportunities and choices offered at IHS. For more information about the advisement program, please see the school's TA brochure or refer to our website.

COUNSELING PROGRAM

IHS School Counselors provide direct support to students in three domains: Academic, Personal/Social, and College/Career. IHS Counselors are available for students and their families to assist with high school success. [The IHS Counseling Program](#) includes the following grade-level guidance programs and activities:

- Orientation to IHS Counselors and Counseling Program for 9th grade
- Classroom Guidance Lessons for 9th and 11th grade
- Lunchtime Workshop Seminars for 11th and 12th grade
- Information Sessions for parents/guardians of 8th grade students
- Information Sessions for parents/guardians of 9th, 10th, 11th, and 12th grade students
- Academic Review Conferences with 10th, 11th and 12th grade students
- Individual High School Planning Conferences with all 10th grade students.
- 9-12 Coffee with the Counselors

Please visit www.irvinehigh.org for additional information about the [IHS Counseling Program](#) and the grade-specific pages:

[Senior](#)

[Junior](#)

[Sophomore](#)

[Freshman](#)

[Incoming 8th Grade and New Students](#)

LINK CREW

Link Crew is a transition program to assist new students and freshmen to acclimate to the Irvine High School culture. Link Crew is a student mentor program, run by students for students. Irvine prides itself on the demonstration of values – IHS (Integrity, Honor, and Social Responsibility). Growing from that philosophy, Irvine High School strives to provide new students with the social and academic support and guidance they need to be successful at school.

PERSONALIZED PROGRAMS

Irvine High School has made a commitment to provide learning programs that meet the individual needs and interests of each student. We currently offer the following programs in addition to a comprehensive education curriculum:

ENGLISH LANGUAGE DEVELOPMENT & Newcomers Program — The ELD Program provides basic skills courses that develop oral language, written communication, and reading for English Language learners.

READING — Irvine High School is committed to improve reading skills by offering specialized English Essential Courses.

SPECIAL EDUCATION — The Special Education Program assists students with exceptional academic needs. Placement of students in the Resource Specialist Program, Special Day Program, or Speech/Language Program is done only after careful examination of skills, abilities and needs.

LIFE CENTER

The LIFE Center (**L**ooking **I**nto **F**uture **E**xperiences) provides students and parents/guardians with an array of resources for post high school planning. Students are encouraged to involve themselves in the following LIFE Center activities, so they will be better prepared to make career, college, and/or university choices.

1. Enroll in Coastline Regional Occupation Program courses
2. Use the literature in the LIFE Center to explore career clusters of jobs that align with personal interests/ talents
3. Listen to career speakers
4. Attend presentations by community college and university admissions representatives
5. Utilize college information to explore college options
6. Utilize the Naviance software to explore college and career options

Students must anticipate a world of rapid change. Research indicates that future members of the workforce will have to communicate effectively and process ever-increasing amounts of information. To be prepared for the job market, students should take classes that extend their basic skills and explore real life experiences. Students should select classes that help to accomplish the following goals:

1. Master basic competencies in reading, writing, and math
2. Explore personal interests in academic areas as well as the fine arts, business, and the technical education fields
3. Participate in school sponsored career exploration experiences and internship training programs

BLOCK SCHEDULING

In September 1996, Irvine High School implemented a blended block schedule, resulting in lower class size and a focus on fewer academics at a time. The academic year is comprised of two semesters. Each period of the school day is organized into four, ninety-minute periods comprised of 8 blocks and alternating “A” and “B” days. Students have the opportunity to take some classes in solid blocks and others in alternating blocks.

Solid block classes

- meet every day for a semester (two blocks)
- have a value of 10 credits

Alternating block classes

- meet every other day for a semester (one block)
- have a value of 5 credits

Minimum enrollment in credit-bearing classes is required for all grade levels. Students in grades 9 – 11 are required to be enrolled in a minimum of 6 blocks each semester. Students in grade 12, who are on track for meeting graduation credits, are required to be enrolled in a minimum of 5 blocks for the fall semester and 4 blocks for the spring semester. Seniors participating in a team sport during the spring semester must be enrolled in a minimum of 5 blocks for both the fall and spring semesters. Enrollment in additional blocks **may** be possible for approved, Credit Plus classes or athletics for students in all grade levels. Due to the nature of the blended block schedule, it is common for students to be enrolled in a combination of solid block and alternating block classes.

There may be more academic classes in one semester than another. Each student’s schedule is unique and dependent upon availability of the required and elective classes which comprise the student’s program for the entire year. Students may have an empty block or blocks in their schedules periods 1 through 3 which will be automatically filled with a Homework Lab. Homework labs are alternating block study halls which are not credit bearing; however provide a 90-

minute period for doing homework, preparing for exams or reading. Homework Labs can be replaced with an open 1st period for all grades and 2nd and 3rd periods for juniors and seniors **only**. Parent/guardian permission is required for a Homework Lab to be replaced with an open period no matter the grade level or age of the student.

Traditional School Schedule

6 classes per day = 6 blocks of class time

55 minute class periods

Year-long classes

10 credits for each class

Students will have one math, one English, one social science, and one science class for the year.

TOTAL CREDITS for the year = 60

1 st	English	(10 credits)
2 nd	Elective	(10 credits)
3 rd	Math	(10 credits)
4 th	Science	(10 credits)
5 th	Elective	(10 credits)
6 th	Social Science	(10 credits)
Total Credits for the Year		60 credits

Irvine High School's Blended Block Schedule

4 classes per day for 2 semesters = 8 blocks of class time (90 minute class periods) with a **combination of**:
Semester long solid block classes:

- 10 credits, meet every day, equivalent to a year-long class in the traditional schedule

Year-long alternating block classes:

- 5 credits each semester, meet every other day, equivalent to a year-long class in the traditional schedule

Semester long alternating block classes:

- 5 credits, meet every other day, equivalent to a semester long class in the traditional schedule

FALL

	"A" Day	"B" Day
1 st	English (10 credits)	
2 nd	Math (5 credits)	Visual Arts (5 credits)
3 rd	Science (5 credits)	Elective (5 credits)
4 th	Fall Sport (10 credits)	

SPRING

	"A" Day	"B" Day
1 st	World Language (10 credits)	
2 nd	Math (5 credits)	Visual Arts (5 credits)
3 rd	Science (5 credits)	PE (5 credits)
4 th	Open Period	

Students still accumulate 60 credits during the year as they do in traditional schedule and can potentially take up to 82.5 credits with 22.5 additional "Credit Plus" credits.

Students will have one Math, one English, one Social Science, and one Science class for the year, just like the traditional schedule.

COURSE SELECTION

IHS offers a broad and comprehensive selection of classes. Within the curriculum, there are many academically challenging classes that help to prepare students for the rigorous demands of college. There are also courses that enable students to pursue areas of self-interest and/or vocational training. Given the complexity of the curriculum, it is important that each student develop, in concert with his/her parents/guardians, Advisor, and Counselor, a long-range educational plan. Students, along with parents/guardians and Teacher Advisors, should choose classes carefully as adjustments after the fact are difficult.

Enrollment in classes will be decided on a seniority basis with seniors receiving first priority. Classes that are limited in availability, and have a surplus of students requesting the classes, will be filled using a wait list.

SCHEDULE ADJUSTMENTS

The faculty, staff, and administration encourage students to request courses carefully each spring based on needs and interests. Each semester, students are afforded the opportunity to request schedule adjustments with their Counselors. However, **preference changes are not considered.** Preference changes are defined as follows:

- A request to change from one teacher to another *or*
- A request to change from one period to another *or*
- A request for a specific open period (**Jobs, internships, family commitments, and other non-school related commitments must be scheduled outside of the 8:00 AM to 3:25 PM school day**)

LEVEL OF DIFFICULTY

This rating is designed to help in the selection of appropriate courses.

CP	College Preparatory	D	Difficult
NC	Non-college approved	M	Moderate
R	Most Rigorous (Honors or AP)	T	Technical

GRADING POLICY

Students will be evaluated on their performance and mastery of subject matter each SEMESTER (18 weeks). The grades to be awarded shall be:

A = Superior	A = 4 grade points
B = Very Good	B = 3 grade points
C = Average	C = 2 grade points
D = Below Average	D = 1 grade point
F = Failure	F = 0 grade points

All semester grades become part of the student's official transcript. Mid-semester grade reports will be available to parents/guardians online at the end of the ninth week of each semester. These grades will not appear on a student's official transcript; unless the class is a quarter class.

WEIGHTED GRADES

Advanced Placement courses and selected Honors/Enhanced courses, completed with a grade of C or better, shall receive a weighted grade point. These designated courses are underlined on the IHS University of California a-g Course List.

Advanced Placement courses, completed with a grade of C or better, taken at any accredited high school, shall receive a weighted grade point.

Honors courses, completed with a grade of C or better, taken at any accredited California high school, shall receive a weighted grade **ONLY** if:

- An identical course, designated as weighted on the IHS University of California a-g Course List, is offered at **IHS AND**
- The course is identified on the prior school's University of California a-g course list as a weighted course

Weighted grade points shall be issued as follows:

A = 5	C = 3
B = 4	D = 1

IHS ACADEMIC HONESTY POLICY

Students are expected to demonstrate honesty and integrity while in attendance at Irvine High School. Each student is expected to do his or her own work on assignments. This includes test taking, homework, class work, and the original creation of essays, compositions, term papers, and scientific research. A student who shares his/her work with another student, other than in a cooperative learning situation, will be considered an accessory who is subject to the appropriate consequences. All work submitted by a student should be a true reflection of his or her own effort and ability. If submitted work is not, then the student has manifested unacceptable academic behavior. The following criteria are considered cheating:

- Claiming credit for work not the product of one's own honest effort.
- Providing unwarranted access to materials or information so others may dishonestly claim credit.
- Knowledge and tolerance of either of the above.

Any behavior that can be defined as cheating represents a violation of the mutual trust and respect essential to education at Irvine High School. During their tenure at Irvine HS, students who cheat should expect to be held accountable by their teacher and be subject to the following penalties on *the first offense*:

- Zero on the assignment/exam and a Saturday School
- Incident is recorded in student's discipline record
- Notification to parents/guardians by the teacher
- An explanation of the consequences of a second offense by the assistant principal
- Student required to complete Academic Honesty Assignment #1 that focuses on IHS values

If a student cheats a *second time (in any class)*, the student will be referred to the assistant principal. Consequences will include (but are not limited to):

- Drop from the class with loss of credit and an "F" appearing on the transcript and parent notification.
- If student and parents/guardians choose to complete a second intervention, the "F" and drop may be avoided. Arrangements must be made with the assistant principal.

If during their tenure at Irvine HS a student is found to have cheated a *third time (in any class)*, the student will be referred to the assistant principal, parent will be contacted by the teacher, and the student will be dropped from the class with loss of credit and an "F" appearing on the transcript.

CREDIT POLICY

Irvine High School grants credit when a grade of "A" through "D" has been awarded. A grade of "F" earns no credit. Five credits shall be granted for all non-variable, alternating block semester-long courses. Ten credits shall be awarded for all non-variable solid block semester-long courses. Courses offered during zero period earn 5 credits per semester except Marching Band and Jazz Ensemble. Variable credit courses allow students to earn credit upon the completion of specific measurable course objectives. (Courses offering variable credit are noted in the course descriptions.)

ADD/DROP POLICY

1. Students may **add** a class through the 4th day of each semester.
2. Students may **drop** a class through the 10th class meeting without the class appearing on their official transcript.
3. Students may **drop** a class from the 11th class meeting through the last day of the first or third quarter with a withdrawal grade of "WP" or "WF." The "WP" or "WF" will post on the official transcript.
4. Beginning with the first day of the second and fourth quarters, students may **no longer drop** a credit-bearing course.

Please note: Requests to add or drop any class, including a team sport, must be accompanied by the required paperwork and signatures. The Request for Schedule Adjustment form is available in the Counseling Office.

REPEATING A COURSE

Students may repeat an academic course to improve their understanding of course content or to improve their grade. Students repeating a course do so with the understanding that:

1. Transcripts will reflect both grades.
2. Double credit IS NOT issued for a previously passed academic course.
3. If a "C" or better is earned in an academic course, and a student chooses to repeat the course, both grades will be calculated into the GPA.

INCOMPLETE GRADE (I)

A grade of Incomplete is given by a teacher only in rare situations, generally due to illness or a reason beyond the student's control. The student must complete the course work by the end of the next quarter after the Incomplete is issued. If the course work is not completed in the allotted time, the Incomplete is converted to a failing grade (F). At the time the course work is completed, the student/parent should request a *Grade or Credit Change* from the teacher who will inform the record's clerk so the transcript is accurate.

CONCURRENT INSTRUCTION AND COLLEGE CREDIT

Concurrent instruction is defined to include any educational experience occurring outside the auspices of the Irvine Unified School District. Concurrent instruction includes college coursework, private instruction, and independent study. Students must request prior approval for concurrent instruction from their IHS Counselor and their grade-level administrator.

For credits earned through concurrent instruction, no weighted grade point shall be awarded, nor shall any Honors or Advanced Placement designations be made on the official transcript.

Students who earn college credit may elect to have that credit used towards their IHS diploma if the course or credits are needed to fulfill graduation or minimum college preparatory requirements. Community College credit shall be posted to the IHS transcript as follows:

College Semester Units	IHS Credits
2.5 or 5	5
2	4
1.5	3
1	2
.5	1

*Enrollment in physical education or health is not available through the community college.

**Private instruction for world language is limited to 10 credits and independent study is limited to 20 credits. All are taken on a pass-no pass basis.

CREDIT FOR PRIVATE INSTRUCTION

Credit for private instruction will be available in the area of Physical Education and World Language. This credit must be approved in advance from an administrator. Options are limited and must meet rigorous district guidelines.

Physical Education Private Instruction

Private instruction in Physical Education is designed for students who are nationally ranked in an individual sport or are in a sport pre-approved for private instruction credit by the Irvine Unified School District. The student must be preparing for national/international competition and have at least 300 minutes per week of private instruction/practice with a qualified instructor. The maximum number of physical education units available via private instruction is 20 on a pass/fail basis only.

Parents/guardians and students must submit an application within the first two weeks of each semester to be considered for Private Instruction P.E. Applications may be obtained from the student’s Counselor or administrator. Students **must reapply** each semester. Applications must include a copy of the student’s ranking, the student’s practice schedule, and a schedule of the student’s contests/competitions/games.

World Language Private Instruction

Units of elective credit shall be awarded based on the time spent in class. **Pass/Fail** grades will be awarded. The program of instruction must be on the approved IUSD list of world language programs. A maximum of 10 credits may be earned in this manner. Prior approval from an assistant principal is required. Students **must reapply** each semester.

Appropriate transcript entries shall be made. However, the course title used shall not appear on the University of California approved course list. Forms are available from the registrar. The maximum number of units available is ‘10’.

SEXUAL HARASSMENT POLICY

The Board of Education is committed to maintaining a learning environment free from harassment, intimidation, or insult, student-to student or adult-to-student, on the basis of an individual's actual or perceived sex, sexual orientation, gender, gender identity or expression. Refer to IUSD BD policy 5145. Equity/Title IX Compliance Officer: Keith Tuominen, 505 Barranca Pkwy, Irvine, CA, 92617, Phone (949) 936-5047.

IUSD does not discriminate against pregnancy, family or marital status as stated IUSD Nondiscrimination Statement and BD Policy 5145.5.

- The district does not exclude or deny any student from any educational program or activity solely on the basis of pregnancy, childbirth, false pregnancy, termination of pregnancy, or recovery therefrom.
- Pregnant students and parenting male or female students are not excluded from participation in their regular school programs or required to participate in pregnant-student programs or alternative educational programs.
- Pregnant/parenting students who voluntarily participate in alternative programs are given educational programs, activities, and courses equal to the regular program.
- The LEA treats pregnancy, childbirth, false pregnancy, termination of pregnancy, and recovery therefrom in the same manner and under the same policies as any other temporary disability.

IRVINE UNIFIED SCHOOL DISTRICT – NOTICE OF NON-DISCRIMINATION

The Irvine Unified High School District is committed to equal opportunity for all individuals in education. District programs and activities including membership in student clubs shall be free from discrimination based on race, color, ancestry, national origin, ethnic group identification, age, religion, actual or potential parental, family, or marital status, or the exclusion of any person because of pregnancy or related conditions, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; the perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics.

The District's Career and Technical (CTE) program does not discriminate in enrollment in or access to any of the CTE programs available. Admission to these programs is based on age appropriateness, class space, interest, aptitude, and prerequisite coursework (where applicable). The lack of English skills shall not be a barrier to admission to or participation in the District's activities and programs. The Irvine Unified School District also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, Title II of the Americans with Disabilities Act of 1990, and the California Code of Regulations Title 5, Chapter 5.3 Nondiscrimination. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the District's designated compliance coordinators.

The following persons have been designated to handle inquiries regarding the non-discrimination policies:

IHS Program Compliance Coordinator
Monica Colunga, Principal
4321 Walnut Ave
Irvine, CA 92604 (949) 936-7005

IHS Coordinators, Section 504
Alyson Fagioli and Anna Zois, School Psychologists
4321 Walnut Ave
Irvine, CA 92604 (949) 936-7005

Equity/Title IX Compliance Officer:
Keith Tuominen
5050 Barranca Pkwy
Irvine CA 92604 (949) 936-5047

The IUSD Sexual Harassment-Students, Board Policy 5145.7 can be accessed from the school web site.
The IUSD Complaint Procedures, Board Policy 1312.2 can be accessed from the school web site.

IUSD does not discriminate against pregnancy, family or marital status as stated in the IUSD Nondiscrimination Statement and Board Policy 5145.5.

- The district does not exclude or deny any student from any educational program or activity solely on the basis of pregnancy, childbirth, false pregnancy, termination of pregnancy, or recovery therefrom.
- Pregnant students and parenting male or female students are not excluded from participation in their regular school programs or required to participate in pregnant-student programs or alternative educational programs.
- Pregnant/parenting students who voluntarily participate in alternative programs are given educational programs, activities, and courses equal to the regular program.
- The LEA treats pregnancy, childbirth, false pregnancy, termination of pregnancy, and recovery therefrom in the same manner and under the same policies as any other temporary disability.

MINIMUM GRADUATION REQUIREMENTS

Graduation will be authorized by the Board of Education and a diploma will be granted to all students who have earned 215 semester units of credit during grades 9-12 (including the content area requirements listed below).

CONTENT AREA	HIGH SCHOOL DIPLOMA REQUIREMENTS	COLLEGE/UNIVERSITY ENTRANCE REQUIREMENTS**
ENGLISH	40	40*
MATHEMATICS	20 Must include Math I A/B or Math IAB and Math I CD	30* Must include Algebra 2/ Math III
SCIENCE Science credits must include at least 5 credits of Life Science or Biology and at least 5 credits of Physical Science, Geophysical Science, or Chemistry: Physical Science (5-15 credits) Life Science (5 credits) Next Gen Biology A/B (Meets CSU/UC lab) Chemistry A/B (Meets CSU/UC lab) Geophysical Science A/B (Meets CSU/UC lab)	20	20*
SOCIAL SCIENCE Social Science credits must include: H. & Modern World History U.S. History/ AP U.S. History Political Economy/AP American Gov.	30	20*
WORLD LANGUAGES	---	20*
FINE ARTS	---	10*
WORLD LANGUAGE/ FINE ARTS/ CAREER TECHNICAL EDUCATION	10	
PHYSICAL EDUCATION	20	
HEALTH	5	
COLLEGE PREP ELECTIVES	---	10*
ELECTIVES	70	
TOTAL CREDITS	215	150 + 65 (HS Diploma) = 215

3rd year of social science fulfills this requirement.

* UC Approved “a-g” Courses - must be passed with a grade of C or better.

** 150 of the 215 total credits must be completed in UC Approved “a-g” courses.

*** 11 of the 15 UC Approved courses must be completed by the conclusion of the junior year for all applicants to the University of California.

MINIMUM ENROLLMENT

According to the Education Code, ninth through eleventh students must be enrolled in at least 30 credits per semester. Seniors are allowed to enroll in fewer than 60 credits—a minimum of 45 credits: 25 credits in the fall and 20 credits in the spring—dependent upon graduation status.

UNIVERSITY APPROVED COLLEGE PREPARATORY COURSES 2018-2019

The current UC approved course list may be accessed by going to [Irvine High School UC Approved List](#). The following Irvine High School courses approved to satisfy the CSU and UC “A – G” requirements. Underlined courses with grades of “C” or better only will receive a weighted grade point.

HISTORY/SOCIAL SCIENCE (meets “A” requirement)

American Government (AP)

European History (AP)

Political Economy

U.S. History

U.S. History (AP)

Modern World History

Modern World History (H)

ENGLISH (meets “B” requirement)

English 1

English 2

English 3

English 4

American Literature (H)

British Literature (H)

English Language Development 3B

English Language/Composition (AP)

English Literature/Composition (AP)

Mythology

MATHEMATICS (meets “C” requirement)

*Math I C/D

*Math I

*Math II

*Enhanced Math II

*Math III

*Enhanced Math III

Pre-Calculus

Statistics (AP)

Pre-Calculus (H)

Calculus AB (AP)

Calculus BC (AP)

*cannot be used to satisfy the “G” Requirement

LABORATORY SCIENCE (meets “D” requirement)

Biology

Biology (AP)

Advanced Premedical Studies 1

Advanced Premedical Studies 2

Chemistry

Chemistry (AP)

Geophysical Science

Anatomy and Physiology

Physics

Physics (AP)

Environmental Science (AP)

LANGUAGE other than English (meets “E” requirement)

*French 1

*Korean 1

*Spanish 1

French 2

Korean 2

Spanish 2

French 3

Korean 3

Spanish 3

French 4 (H)

Korean 4 (H)

Spanish 4 (H)

French (AP)

Spanish (AP)

*cannot be used to satisfy the “G” Requirement

~denotes that this course is pending approval by UC

VISUAL/PERFORMING ARTS (meets “F” requirement)

*Ceramics

Advanced Ceramics

*Intro to Art

*Painting and Drawing

Adv. Painting and Drawing

*Visual Imagery (Photo)

Adv. Visual Imagery (Photo)

Animation

*Computer Graphics

Adv. Computer Graphics

Video Production

Advanced Video Production

Film as Art (pending)

Intro to Photo Journalism

Art History (AP)

Studio Art: Drawing (AP)

Studio Art: 2D Design (AP)

Studio Art: 3D Design (AP)

Music Theory (AP)

*Treble Chorus

*Bass Chorus

Canta Bella

Dance Tech 2

Dance Tech 3

Dance Tech 4

Dance Ensemble

*Creative Drama

Intermediate Drama

Advanced Drama

Tech Theater

*Guitar 1

Guitar 2

*Piano

*Percussion Ensemble

Jazz Ensemble 1

*Jazz Ensemble 2

Wind Symphony

*Concert Band

*Concert Orchestra

Philharmonic Orchestra

Symphonic Orchestra

Symphonic Band

Irvine Singers

Chorale

*cannot be used to satisfy the “G” Requirement

*Students satisfy the VPA requirement by completing two courses of an approved “F” course in either Visual or Performing Arts.

COLLEGE PREP ELECTIVES (Meets “G” requirement)

All courses listed in sections A-F above with the exception of those marked with an * plus the following:

ENGLISH

Beginning Journalism (1 semester allowed)

Advanced Journalism (1 semester allowed)

SOCIAL SCIENCE

Global Studies

Psychology

Macroeconomics (AP)

ELECTIVES

Yearbook

Automotive Technology MLR 1 and 2

Virtual Enterprise

Introduction to Engineering and Design

Principles of Engineering

Aerospace Engineering

Exploring Computer Science

Computer Science (AP)

SUMMARY OF CIF/IUSD ELIGIBILITY RULES

FOR ATHLETICS & ACTIVITIES ACCORDING TO BOARD OF EDUCATION POLICY #6145(A)

In order to be eligible, a student must:

1. Be currently enrolled in a minimum of 25 units of course work.
2. Have passed a minimum of 20 units of course work from the previous Quarter. (Only 5 units from the student's sport/activity and physical education classes can be used towards the counting of the 20 units)
3. Have a GPA of 2.0 or higher from the previous quarter.

PROBATION:

A student is allowed a one-time, one-quarter probation period that they may use once during their 4 years of eligibility in High School when the student's GPA falls below the 2.0 minimum. Students who have not passed a minimum of 20 units from the previous quarter are ineligible and may not use a waiver.

WHAT DOES IT MEAN TO BE INELIGIBLE?

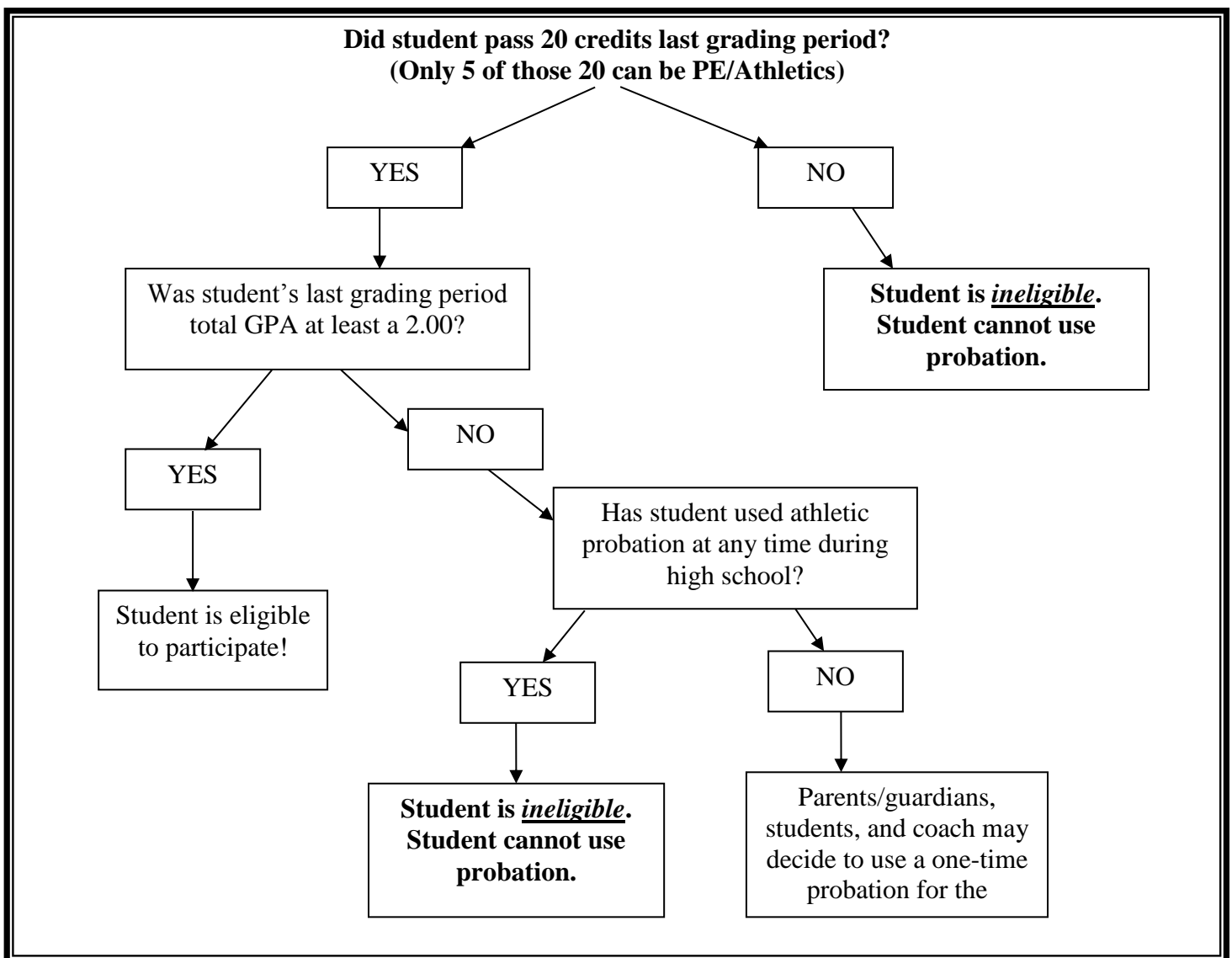
When ineligible, a student may not participate in the extra-curricular activity in question. Athletes, class representatives, pep squad, color guard, ASB members, etc. may not participate in rallies or any other school activity outside of the classroom. Students must still attend class and/or practices and meetings and do any/all required assignments in order to receive credit.

When in doubt, the coach/advisor must see the Assistant Principal in charge of Athletic Eligibility for clarification.

Eligibility requirements apply to the following students:

- All Athletes
- Color Guard
- ASB & Class Officers
- Dance Ensemble
- Pep Squad
- Marching Band
- Drama Production
- Choir

All others deemed necessary by the school administration.



NATIONAL COLLEGIATE ATHLETIC ASSOCIATION ELIGIBILITY REQUIREMENTS

Student athletes desiring to compete in athletics at a Division I or Division II college/university **must** be certified eligible by the NCAA Eligibility Center.

To be certified a student must: Graduate from high school **and** Meet a minimum GPA in 16 core courses with a corresponding ACT sum or SAT total score.

See your coach or Counselor for details. The courses on the UC Course List may be used to satisfy core requirements. You may check the NCAA rules, regulations, and approved courses at the following link:

http://eligibilitycenter.org/ECNR2/NCAA_EMS/NCAA.html

Click on the “list of approved courses list” and use the following ETS code: 051271.

Core Courses

- NCAA Divisions I and II require 16 core courses. See the charts below.
- Beginning August 1, 2016, NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become “locked in” at the start of the seventh semester and cannot be retaken for grade improvement. *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- Division I uses a sliding scale to match test scores and core grade-point averages (GPA).
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (<https://web3.ncaa.org/ecwr3/>). Only courses that appear on your school’s List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000-2.299.
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.300 .
- The Division II core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using **NCAA core courses only**.

DIVISION I: 16 Core Courses

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science
- 4 years of additional courses (from any area above, world language or comparative religion/philosophy).

DIVISION II: 16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, world language or comparative religion/philosophy).

IRVINE HIGH SCHOOL NCAA APPROVED COURSES

ENGLISH	SOCIAL SCIENCE	MATHEMATICS	NATURAL/PHYSICAL SCIENCE	ADDITIONAL COURSES
American Lit. H American Lit. Beg Journalism British Lit. H British Lit. Creative Writing English 1 English 2 English 3 English 4 Eng. Comp. & Lit Eng. Lang AP English Lit AP Journalism Adv. Mythology World Lit.	American Gov. AP European Hist. AP Global Studies M World Hist. M World History SH M World Hist. H Political Econ. SH Political Econ Psychology US History US History SH US History AP Macroeconomics AP	Math I Math II Enhanced Math II Math III Enhanced Math III Algebra 1 Algebra 1 CD (.5 units) Algebra 2 H Algebra 2/Trig Algebra 1A (.5 units) Algebra 1B (.5 units) Geometry Geometry H Pre-Calculus Pre-Calculus H Statistics AP Calculus AB AP Calculus BC AP	Adv. Pre-Med 1 Adv. Pre-Med 2 Biology ~Next Gen Biology Biology AP Chemistry L/AP Chemistry AP Environmental Sci. AP Geophysical Sci. ~Anat. & Physiology Physics Physics L/AP	Comp. Religions H French 1 French 2 French 3 French 4 H French AP Korean 1 Korean 2 Korean 3 Korean 4 Korean 5 H Spanish 1 Spanish 2 Spanish 3 Spanish 4 H Spanish AP

~denotes that this course is pending approval by NCAA

UC and CSU A-G Subject Eligibility Requirements

All students are required to complete the following requirements with a "C" or higher in order to be UC or CSU eligible.

Subject Area	California State University	University of California
GPA	Calculate your high school GPA using only "a-g" approved courses taken after 9 th grade	
Subject Requirements	15 year-long college prep courses from approved "a-g" course list	
Honors Points	Maximum of 8 extra points awarded for approved honors, AP or IB courses and transferable community college courses. No more than two year-long courses taken in 10 th grade can earn honors points	
A-G Subject Requirements	CSU	UC
"A" Social Sciences & History	2 Years Required 1 year US History, or 1 semester US History and 1 semester Civics or American Government 1 Year Social Studies	2 Years Required 1 year US History, or 1 semester US History and 1 semester Civics or American Government 1 Year World History
"B" English	4 Years Required No more than 1 year may be Advanced ELD	4 Years Required No more than 1 year may be Advanced ELD
"C" Mathematics	3 Years Required Math I, Math II, Math III	3 Years Required 4th Year Strongly Recommended Math I, Math II, Math III
"D" Laboratory Science	2 Years Required 1 Year Physical Science (may be Geophysical Science) 1 Year Biological Science	2 Years Required 3 Years Strongly Recommended 1 Year Biological 1 Year Chemistry, Physics or GeoPhys
"E" Language Other than English (LOTE)	2 Years Required Must be one language	2 Years Required 3 Years Strongly Recommended Must be one language
"F" Visual and Performing Arts (VAPA)	1 Year Required 2 courses in either Visual or Perf. Arts (Example: Ceramics F & Intro to Art S)	1 Year Required 2 semesters of the same discipline (Visual or Performing Arts)
"G" College Preparatory Elective	1 Year Required One (or 2 semesters) in addition to those listed above in A-F or Non-Introductory VPA or Year 3 of LOTE or 2 years of a second LOTE	1 Year Required One (or 2 semesters) in addition to those listed above in A-F or Non-Introductory VPA or Year 3 of LOTE or 2 years of a second LOTE

POTENTIAL UNIVERSITIES AND COMMUNITY COLLEGES

UC Schools		CSU Schools			Community Colleges
Berkeley	Riverside	Bakersfield	Long Beach	San Bernardino	Cypress College
Davis	San Diego	Channel Islands	Los Angeles	San Diego	Fullerton College
Irvine	Santa Barbara	Chico	Northridge	San Francisco	Golden West College
Los Angeles	Santa Cruz	Dominquez Hills	Maritime Acd.	San Jose	Irvine Valley
Merced		Fresno	Monterey Bay	San Luis Obispo	Orange Coast
		Fullerton	Pomona	San Marcos	Santa Ana Community College
		East Bay	Sacramento	Sonoma	Santiago Canyon College
		Humboldt		Stanislaus	Coastline College
					Saddleback College

POST-SECONDARY ENTRANCE REQUIREMENTS

University of California: Entrance Requirements (<http://admission.universityofcalifornia.edu>)

- All freshmen applicants must satisfy subject, testing and scholarship requirements
- Requires a minimum GPA of 3.0 in the a-g coursework
- All coursework must be passed with a “C” or better
- ♦ **UC Testing Requirements:** Each applicant must submit scores on an approved core test of mathematics, language arts and writing. This requirement can be satisfied by taking either:
 - The ACT Assessment plus the new ACT Writing Test (www.act.org) **or**
 - The SAT Reasoning Test (evidence-based reading, mathematics with writing) (www.collegeboard.com)

Two SAT Subject Exams are no longer required for admission. However, students may choose to submit their scores for consideration as part of their application. The subject exams may be recommended for certain majors. **All applicants will need to complete 11 of the 15 “a-g” courses by the end of their junior year.**

California State University: Entrance Requirements

- All freshmen applicants must satisfy subject, testing and scholarship requirements. Students must also meet a qualifying eligibility index
- Requires a minimum GPA of 2.0
- All coursework must be passed with a “C” or better
- ♦ **CSU Testing Requirements:** Each applicant must submit scores on an approved core test of mathematics and language arts. This requirement can be satisfied by taking either:
 - The ACT Assessment (www.act.org) **or**
 - The SAT Reasoning Test (evidence-based reading, mathematics with writing) (www.collegeboard.com)

*Scores from the writing section will not be used for admission purposes to CSU.

♦**CSU Eligibility Index:** If your grade point average in CSU approved courses is above a 3.0 and you have taken the SAT or the ACT Assessment, you have met minimum entrance requirements. IF your GPA is below 3.0 and above 2.0 your SAT or ACT scores will determine your eligibility. Many CSU campuses set the minimum eligibility higher for students who live outside their attendance area. The CSU eligibility index can be located at: <https://www2.calstate.edu/apply>

California Community College: Entrance Requirements: www.cccco.edu

All graduates from Irvine High School are eligible to attend any California Community College regardless of courses pursued in high school. Students over 18 may enroll without a high school diploma. Students at a community college may work toward training and certification in a variety of occupation related areas or pursue coursework leading toward transfer to a four-year university.

To enroll at a Community College students must:

1. Apply to the college online
2. Apply for financial aid (recommended)
3. Complete English and math placement assessment
4. Complete advisement and develop a first semester plan
5. Attend an orientation
6. Register for classes

Students planning to attend community college are encouraged to begin the application process early in order to maximize their opportunities for course selection.

COLLEGE BOARD TESTING (www.collegeboard.com)

The **PSAT** is the official abbreviated version of the SAT Reasoning Test. The PSAT is offered during the fall semester and is suggested for junior class standing; however, may be taken during the sophomore year as well. The PSAT is not used in college admissions decisions. This test is used to qualify students for the National Merit Scholarship, if taken during the fall of the junior year.

The **SAT Reasoning Test** is typically taken by high school juniors and seniors. It tells students how well they use the skills and knowledge they have attained in and outside of the classroom including how they think, solve problems, and communicate.

The **SAT Subjects Tests** are designed to measure knowledge, skills and application in specific subjects such as literature, history, math, science and language other than English. SAT Subject Exams are no longer required for admission. However, students may choose to submit their scores for consideration as part of their application, just as they do now with AP scores to CSU or UC. However, Subject Exams may be recommended for certain majors. Consult the web sites or admissions offices of other colleges you are considering applying to verify which SAT Tests are required.

AMERICAN COLLEGE TESTING (www.act.org)

The **ACT** is divided into four required sections: English (punctuation, grammar and usage, sentence structure and rhetorical skills), mathematics (skills typically acquired in courses through the end of the 11th grade), reading comprehension and science (interpretation, analysis, evaluation, reasoning and problem-solving skills required in general or introductory science courses). The optional Writing Test measures skills in high school English classes and entry-level college composition courses.

The UC System requires the ACT or the SAT plus the Writing Test. The CSU System does not require scores from the Writing Test for admission.

SUGGESTED SAT EXAM TIMELINE

PSAT

Junior class standing; may be taken as sophomore

SAT Reasoning Test

Spring of junior year

Repeat (as needed or desired) fall of senior year

SAT Subject Tests

Spring of junior year

Exception: after specific subject completion such as AP

European History or pre-calculus

For SAT test dates and registration deadlines, go to:

www.collegeboard.com

SUGGESTED ACT EXAM TIMELINE

ACT

Spring of junior year

Repeat (as needed or desired) fall of senior year

For ACT test dates and registration deadlines, go to:

www.act.org

ADDITIONAL NOTES ON COLLEGE ENTRANCE EXAMS

Nearly all colleges and universities in the United States accept either the SAT or ACT scores when considering college admissions decision. Entrance exam scores are one of several factors considered in college admissions decisions.

Colleges set their own policies regarding which scores they want students to send and which scores they review. Check with the admissions offices of the colleges to which you are considering submitting an application.

When reporting ACT scores to colleges, you can choose which ACT score to release. You may select the **optional score reporting feature** which will allow you to choose one, multiple or all SAT test scores on a single score report. If this option is not selected, all SAT scores will be sent as has been traditional practice.



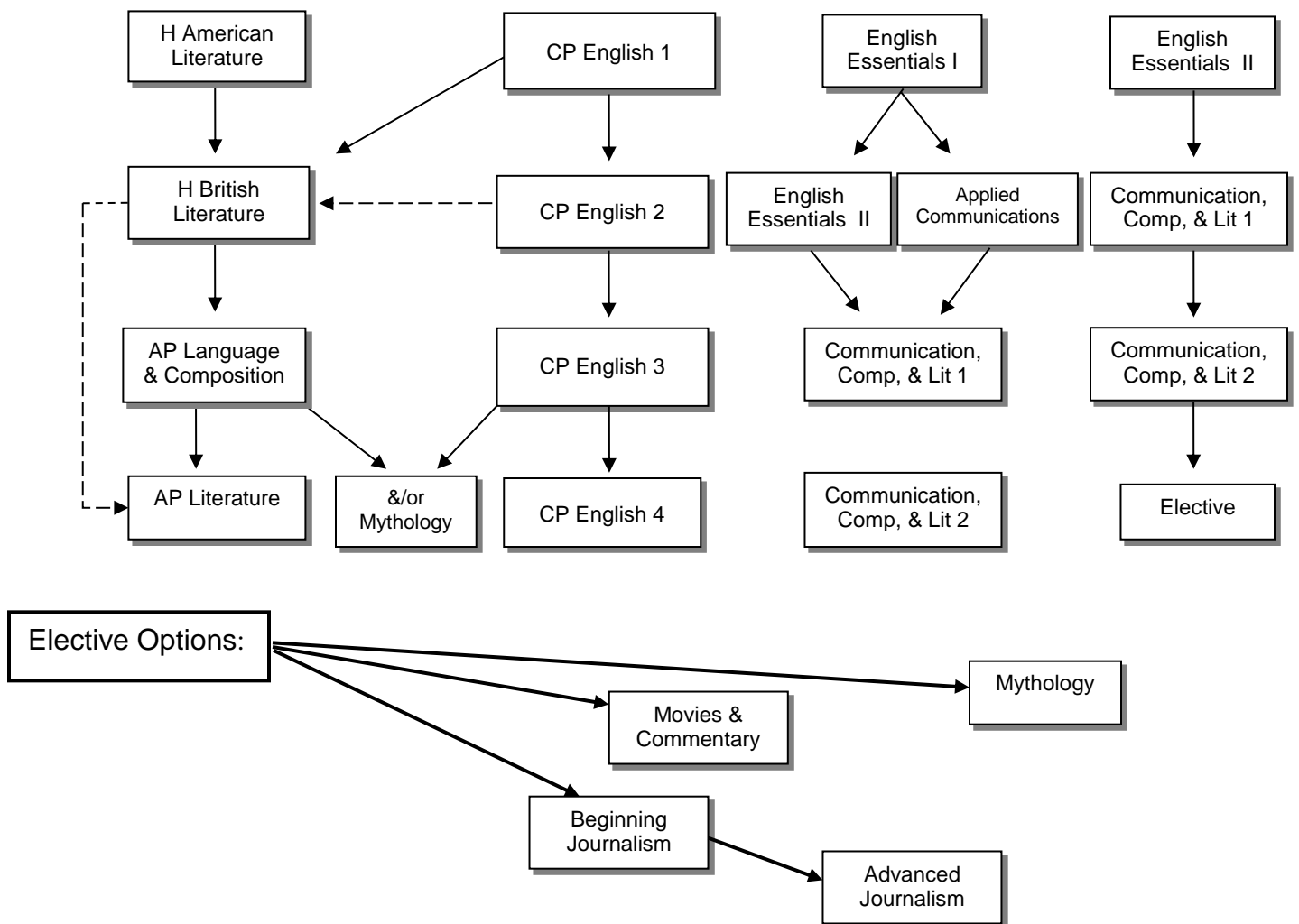
ENGLISH



The English language is the primary medium through which we come to know and to express our human experiences. Because almost every aspect of school and human life depends upon it, the English language curriculum is the most basic and the most complex. We believe there are basic skills in reading, writing, and speaking that all students must acquire to function in today's society. Our language arts curriculum is designed to challenge at an appropriate level the full range of student abilities so that the language arts and operations of each student continually become more comprehensive and more meaningful. To enhance positive learning, it is important to capitalize upon students' interests and experiences.

All students are expected to achieve proficiency in basic language skills.

The following flow chart illustrates possible English course sequence based on entry point.



All college prep course work must be passed with a grade of "C" or better for minimum UC/CSU eligibility.

ENGLISH COURSES

COURSE TITLE	ENTRY		Recommendation	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
Reading, Writing & Literature					
9 English Essentials I A/B	x- - - - -	x- - - - -	Reading two or more levels below grade, Standardized test scores & 8 th grade Teacher Rec.	NC	20
9-12 English 1	x- - - - -	x- - - - -	9 th only - Standardized test scores & 8 th grade Teacher Rec.	CP	10
9 §Honors American Lit & Composition	x- - - - -	x- - - - -	Standardized test scores & 8 th grade Teacher Rec.	CP, R	10
9-12 English Essentials II A/B	x- - - - -	x- - - - -	Writing skills below grade level, Standardized test scores & Teacher Rec.	NC	10
10-12 Applied Communications	x- - - - -	x- - - - -	Writing skills below grade level, Standardized test scores & Teacher Rec.	NC	10
10-12 English 2	x- - - - -	x- - - - -	English 1	CP	10
10 §Honors British Lit. & Comp.	x- - - - -	x- - - - -	Honors Amer. Lit. and/or Teacher Rec. w/ Essay	CP, R	10
11 English 3	x- - - - -	x- - - - -	English 2	CP	10
10-12 Communication, Comp., and Literature 1	x- - - - -	x- - - - -	Jr./Sr. standing or higher and Teacher Rec.	NC	10
11-12 Communication, Comp, And Literature 2	x- - - - -	x- - - - -	Jr./Sr. standing, and Teacher Rec.	NC	10
11-12 Movies and Commentary	x- - - - -	x- - - - -	Jr./Sr. standing (Priority given to Seniors)	NC	10
11-12 Mythology & Composition	x- - - - -	x- - - - -	Jr./Sr. standing (Priority given to Seniors)	CP	10
9-11 Beginning Journalism	x- - - - -	x- - - - -	Eligible for ECL or higher	CP	10
10-12 §Advanced Journalism	x- - - - -	x- - - - -	Beg. Journalism & selection process	CP, D	5-30
11-12 §Advanced Placement Language and Composition	x- - - - -		77% or higher in H Am. Lit. and/or H. Brit. Lit;& Teacher Rec.	CP, R	10
12 English 4	x- - - - -	x- - - - -	English 3	CP	10
12 §Advanced Placement English: Literature & Composition	x- - - - -		77 % or higher in H Brit.Lit. or 70% or higher in AP English Language & Composition, & Teacher Rec.	CP, R	10

§ = Students are expected to spend additional hours beyond regular class time.

All college prep course work must be passed with a grade of “C” or better for minimum UC/CSU eligibility.

ENGLISH ESSENTIALS I A/B

Recommended Placement: Reading two or more levels below grade, standardized test scores, & 8th grade Teacher Rec.

Credit: 20 units

Format: 1 year solid block

Level of Difficulty: NC

This course reviews and reinforces basic skills in reading and writing. It is recommended for students needing assistance in mastering high school graduation competencies in reading and writing. Activities in vocabulary development, usage, mechanics, reading comprehension, sentence structure, and paragraph development are emphasized. The objective of this course is to equip students with the following skills:

- Determining word meaning from context.
- Distinguishing between literal and figurative meaning.
- Distinguishing between main idea and supporting ideas.
- Discerning the author's purpose.
- Writing summaries of written information.
- Analyzing and evaluating literature.
- Writing a paragraph using a topic sentence which is supported and developed by the other sentences in a paragraph.
- Using and improving the methods of single paragraph development in the composition of multi-paragraph essays.
- Developing research skills integrating technology.
- Applying rules of standard English.

ENGLISH ESSENTIALS II A/B

Recommended Placement: Standardized test scores & Teacher Rec.

Credit: 10 units

Format: 1 year alternating block

Level of Difficulty: NC

This course focuses on basic English skills and is recommended for students needing assistance in reading and writing. Activities in vocabulary development, usage, mechanics, reading comprehension, sentence structure, and paragraph development are stressed. The objective of this course is to equip students with the following skills:

- Expanding vocabulary.
- Distinguishing between connotative and denotative meaning.
- Acquiring and implementing test taking strategies.
- Articulating responses to literature using critical thinking skills.
- Identifying different types of writing based on the author's purpose.
- Implementing the stages of the writing process
- Writing multi-paragraph essays.
- Completing job applications.
- Expanding and developing research skills integrating technology.

APPLIED COMMUNICATIONS A/B

Sophomore Standing

Credit: 10 units

Format: 1 year alternating block

Level of Difficulty: NC

This non-college prep course will have a primary focus on speaking, listening, reading and writing and aim to develop the students' personal and academic voice (both written and verbal) using many forms of literature, art, film, media, theatre and poetry. Students who are successful in this class will develop skills in the following areas:

1. Expand speaking and writing vocabulary.
2. Articulate responses to literature, non-fiction works, film, art, various media, etc. using critical thinking skills.
3. Use and improve the methods of paragraph development using the writing process.
4. Interpret cultural attitudes and customs beyond his/her own through the reading of literature.
5. Develop competent speaking, interviewing, listening and presentation skills.
6. Write well-developed essays or compositions with a claim, topic sentences, supporting details and substance.

CP = College Preparatory NC = Non-college approved T = Technical M = Moderate D = Difficult R = Most Rigorous

ENGLISH 1

Recommended Placement: 9th - Standardized test scores & 8th grade Teacher Rec. 10-12th – Teacher Rec.

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

Students must pass English 1 with a 70% or above in order to enroll in English 2.

This course is designed to be a comprehensive review of all English skills with a specific emphasis on writing skills and literature interpretation. Special attention will be given to reading skills necessary to gather information, understand critical purpose and gain enjoyment and appreciation of literature. The course will emphasize the same basic skills tested in most standardized tests of basic skill. Therefore, vocabulary will be a major part of the course. Language usage and sentence mechanics will also receive attention. Since writing is the most sophisticated communication skill, great emphasis will be placed on composition and fluency of writing. Upon completion of the course, the student will be able to:

Writing:

1. Write a paragraph using a topic sentence that is supported and developed by the other sentences in the paragraph.
2. Use and improve the methods of single paragraph development in the composition of multi-paragraph essays.
3. Write effective and concise business letters.
4. Effectively apply the writing process to their essays.
5. Write an expository paragraph of not less than five sentences with supporting detail developing a single idea.
6. Write complete sentences.
7. Use correct end and internal punctuation.
8. Use a variety of sentence types: compound, complex, compound-complex sentences.
9. Write for a variety of audiences and purposes using different modes of writing: descriptive/ sensory, narrative, expository/analytical, etc.

Literature:

1. Classify a literary work by genre.
2. Interpret cultural attitudes and customs other than his own through a reading of literature.
3. Respond to information explicitly stated in the text (literal).
4. Respond with ideas or opinions based on material read but not stated explicitly in the text (interpretive).
5. Investigate, evaluate, and integrate the information and ideas with one's own experience and/or apply it in a new context (critical).
6. Analyze and evaluate short stories, poems, novels, drama, and essays as a reflection of life, values, and ideas of this and other cultures.
7. Specific reading objectives:
 - a. Follow and interpret a sequence of ideas and events.
 - b. Identify the main idea and supporting details.
 - c. Re-interpret content in their own language and use context to understand meaning.
 - d. Apply knowledge gained through past experiences.
 - e. Draw conclusions and make judgments based on information received.
 - f. Identify the author's purpose, mood, tone, and theme.
 - g. Interpret figurative language.
 - h. Predict outcomes in terms of prior knowledge.
 - i. Distinguish between fact and opinion and recognize persuasive statements.
8. Write critical evaluations of stories, poetry, articles, dramatic presentations, and novels.

Students who fail must repeat the course. Summer school is recommended.

§HONORS AMERICAN LITERATURE & COMPOSITION

Placement Based on Middle School Teacher Recommended Placement

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP, R

This course is designed as a survey of American literature. Strong emphasis is placed on various writing modes and in researching major writers' contributions. Students should be highly motivated. Students are expected to respond to the various genres by demonstrating in-class discussions, oral presentations, and higher-level thinking skills. Study skills will

Honors American Literature & Composition (Continued)

be emphasized. A 70% or above is required to move on to Honors British Literature. Upon completion of the course, a student will be able to:

Composition:

1. Write a clear thesis statement.
2. Employ improved vocabulary and conventions of Standard English regarding content and purpose, organization, unity and coherence in written work.
3. Provide appropriate structure, tone, and point of view to various writing modes.
4. Vary sentence structure and length.
5. Provide transition between sentences and paragraphs in a logical functional style.
6. Evaluate and score peer writing.
7. Employ conventions of Standard English.
8. Conduct research and formulate an argument based on evidence.
9. Respond to on-demand writing prompts.
10. Complete several process papers.

Reading:

1. Utilize critical thinking to apply to literature.
2. Analyze and evaluate selected literature as a reflection of customs, culture and values of particular groups or regions.
3. Trace key social developments from the Puritan attitude through the modern themes of alienation as a reflection of change in lifestyle and literary trends.
4. Recognize the interrelationship of various ideas expressed by authors studied and elaborate a subjective response through analysis and synthesis.
5. Utilize the different points of view of literature as a means of looking at one's own experience in a new light.
6. Distinguish various literary styles and techniques.
7. Identify figures of speech and devices of sound.
8. Identify meter, verse forms, stanza forms and types of poems.
9. Make connections between classic works of literature and non-fiction selections.

§ = Students are expected to spend additional hours beyond regular class time.

English 2

Recommended Placement: 70% or above in English, English Comp. & Lit, or equivalent CP course; sophomore standing or higher

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This course is designed to be a comprehensive review of basic skills along with emphasis in analysis of literature and writing. Speaking and listening skills will be emphasized along with vocabulary and language usage. Upon completion of the course, the student will be able to:

Writing:

1. Write a paragraph which develops and supports the main idea with example or reasons.
2. Organize paragraphs in a sequence that reflects relationship in a logical manner along with support of main idea.
3. Use varied sentence types from the simple to compound complex which indicate relationships and importance of ideas.
4. Write sentences with precise and appropriate words recognizing distinction between literal and figurative uses of languages and avoiding ineffective jargon and cliché.
5. Develop an essay with introductory paragraph, body (at least three developing paragraphs), and a conclusion demonstrating appropriate use of evidence or personal conclusion.

Literature:

1. Interpret cultural attitudes and customs other than one's own through a reading of literature.
2. Respond to information explicitly stated in the text (literal).
3. Respond with ideas or opinions based on material read but not explicitly stated in the text (interpretive).
4. Investigate, evaluate and integrate the information and ideas with one's own experience and apply it in a new context (critical).

5. Analyze and evaluate short stories, poems, novels, drama and essays as a reflective of life, values, and ideas of ours and other cultures.
6. Develop an appreciation for literature as art.
7. Write critical evaluations of all genres covered: essay, novel, poetry, short story and drama.
8. Students who fail must repeat the course. Summer school is recommended.

§HONORS BRITISH LITERATURE & COMPOSITION

Recommended Placement: 77% or higher in Honors American Literature, & Teacher Rec. Students who did not complete Honors American Literature must meet the other criteria plus complete a timed writing sample to determine eligibility.

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP, R

This course is designed for highly motivated, high achieving students. It examines both the development of English literature and the English language from an historical perspective. This literature based writing course will equip students with the critical thinking, reading and writing skills needed for the PSAT and AP Language and Composition. Upon completion of this course, the student will be able to:

Literature:

1. Demonstrate an increased vocabulary derived from the literature
2. Read for both literal and figurative meaning
3. Evaluate the philosophical, political, religious, ethical, and social influences of the historical period that shaped the characters, plots, and settings.
4. Analyze the rhetorical devices writers use to achieve their purpose
5. Analyze the way in which the theme of a selection represents a view or comment on life, using evidence to support the claim.
6. Contrast the major literary forms, techniques, and characteristics of the major literary periods
7. Analyze characteristics of sub genres (e.g., satire, parody, allegory, pastoral) that are used in poetry, prose, plays, novels, short stories, essays and other basic genres

Writing:

1. Demonstrate an understanding of the elements of discourse (e.g., purpose, speaker, audience, form) when completing narrative, expository, persuasive, or descriptive writing assignments.
2. Write interpretive essays that demonstrate a close read of the text, a unifying purpose, and clarity of expression.
3. Enhance meaning by employing various rhetorical strategies to develop their ideas such as comparison/contrast, cause and effect, examples, narration, description, and argumentation.
4. Achieve a high interest level in their compositions by employing rhetorical devices such as parallelism, repetition, analogy, etc.
5. Revise process papers to highlight the individual voice, improve sentence variety and style, and enhance subtlety of meaning and tone in ways that are consistent with purpose, audience, and genre.
6. Prepare a multimedia presentation that demonstrates the use of research and technology
7. Employ the conventions of standard English

English 3

Recommended Placement: 70% or above in English 2, World Lit. & Comp or equivalent CP course; Jr./Sr. standing

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP, D

This course is a survey of the development of the literature of the United States from its colonial beginnings to the present. Through the study of central works in American Literature students gain an understanding of ethical, aesthetic and cultural values. All genres in the various literary movements such as colonial rationalism, romanticism, transcendentalism, and realism are studied. The course work will prepare students to read and think critically. Compositions will reinforce the writing process and a heavy emphasis on critical analysis. The curriculum also prepares students for college entrance exams and requirements. Upon completion of this course, the student will be able to:

Literature:

1. Utilize improved vocabulary
2. Read for both literal and figurative meaning.
3. Evaluate the philosophical, political, religious, ethical, and social influences of the historical period that shaped the characters, plots, and settings.
4. Analyze the rhetorical devices writers use to achieve their purpose.
5. Analyze the way in which the theme of a selection represents a view or comment on life, using evidence to support the claim.
6. Contrast the major literary forms, techniques, and characteristics of the major literary periods.

7. Analyze characteristics of sub genres (e.g., satire, parody, allegory, and pastoral) that are used in poetry, prose, plays, novels, short stories, essays and other basic genres.

Writing:

1. Demonstrate an understanding of the elements of discourse (e.g., purpose, speaker, audience, form) when completing narrative, expository, persuasive, or descriptive writing assignments.
2. Write interpretive essays that demonstrate a close read of the text, a unifying purpose, and clarity of expression.
3. Enhance meaning by employing various rhetorical strategies to develop their ideas such as comparison/contrast, cause and effect, examples, narration, description, and argumentation.
4. Achieve a high interest level in their compositions by employing rhetorical devices such as parallelism, repetition, analogy, etc.
5. Revise process papers to highlight the individual voice, improve sentence variety and style, and enhance subtlety of meaning and tone in ways that are consistent with purpose, audience, and genre.
6. Write a saturation paper that reveals research with correct MLA style and utilizes the various rhetorical modes such as description, narration, exposition, and persuasion.
7. Employ conventions of standard English.

COMMUNICATION, COMPOSITION, & LITERATURE 1

Recommended Placement: Jr. standing or higher & Teacher Rec.

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: NC

This non-college prep course is designed to develop literacy as well as real-world applications of oral and written communication. With a focus on workplace learning, the successful student who takes this course will be able to:

1. Read, analyze, and respond to literature using a variety of writing strategies.
2. Write and speak with command of Standard English conventions.
3. Research and present on a given topic using critical and clear research strategies.
4. Apply critical thinking and problem solving skills to a variety of literary and real world situations.
5. Interpret and discuss various media, such as newspaper, advertisements, pamphlets, political information, and television with topics designed to promote real-world civic responsibilities and consumer competence.
6. Develop competent speaking, interviewing, listening, and presentation skills.

COMMUNICATION, COMPOSITION, & LITERATURE 2

Recommended Placement: Jr./Sr. standing & Teacher Rec.

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: NC

This non-college prep course is a continuation of CCL 1 where students will further develop their writing, speaking, and critical thinking skills through a variety of high interest texts. Focusing on real-world applications, students will be able to:

1. Develop an understanding of the elements such as purpose, speaker, audience and form.
2. Survey a text through annotation in order to make connections between texts and assess text structure.
3. Analyze how tone, irony, mood, and author's style achieve specific rhetorical or aesthetic purposes.
4. Determine the reliability and validity of various sources.
5. Write in a coherent, focused manner that demonstrates awareness of audience and uses precise and relevant examples.
6. Read, analyze and interpret rhetorical devices in a Shakespearian play.

MOVIES AND COMMENTARY

Jr./Sr. standing; priority given to seniors

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: NC

This course includes examination, criticism, and discussion of selected films. Students will consider the correlation between literary elements and the screenplay. Through this process, students will be required to employ critical thinking skills in analyzing film as a social medium. Assessment for the course will be based primarily on written essays and oral presentations. Upon completion of the course, the student will be able to:

1. Identify milestones in the development of film as a popular medium.
2. Exhibit an understanding of screenplay structure and convention.
3. Incorporate film terminology in both written and verbal analysis.

4. Identify outstanding/honored films, actors and directors.
5. Recognize the use of literary techniques to achieve dramatic effects in film.
6. Exhibit knowledge of film genres.
7. Demonstrate an understanding of the manner in which film has reflected history, society and the human experience.

MYTHOLOGY & COMPOSITION

Jr./Sr. standing; priority given to seniors

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

Read, research, enact, and visit the ancient world where Zeus ruled and Humbaba was slaughtered. Mythology students retell stories from the past, read and analyze the myths of the Ancient Greeks and Romans, visit the Getty Villa in Malibu (tentatively) filled with antiquities, and read and respond to the fall of Troy and the trials of Odysseus. Students also have the opportunity to research a topic of their choice related to the ancient world and world mythologies and present findings to peers. Mythology delves into the essential question: What do myths reveal about the people of the past, and how do these same myths relate to us today?

Upon completion of the course, the student will be able to:

1. Identify the major Greek and Roman deities and the popular stories that concern them.
2. Enhance vocabulary by utilizing words and phrases adopted into English from Greek and Roman mythology.
3. Identify archetypal patterns and characters found in many of the world's mythologies.
4. Identify and evaluate Greek and Roman mythological allusions in today's literature, art, music, film, and drama.
5. Give oral presentations on mythological topics.
6. Publish and/or present independent research project.

English 4

Recommended Placement: 70% or above in English 3, Amer. Lit & Comp. or equivalent CP course; senior standing

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP, D

This course surveys the development of literature and the English language from its Anglo-Saxon beginnings to the present. Students will understand how the historical times influenced the writers by studying the literary movements and analyzing the different genres of each period. This class equips students with the critical thinking, reading, and writing skills necessary for college. Upon completion of this course, the student will be able to:

Literature:

1. Read for both literal and figurative meaning
2. Evaluate the philosophical, political, religious, ethical, and social influences of the historical period that shaped the characters, plots, and settings.
3. Analyze the rhetorical devices writers use to achieve their purpose
4. Analyze the way in which the theme of a selection represents a view or comment on life, using evidence to support the claim.
5. Contrast the major literary forms, techniques, and characteristics of the major literary periods
6. Analyze characteristics of sub genres (e.g., satire, parody, allegory, pastoral) that are used in poetry, prose, plays, novels, short stories, essays and other basic genres

Writing:

1. Demonstrate an understanding of the elements of discourse (e.g., purpose, speaker, audience, form) when completing narrative, expository, persuasive, or descriptive writing assignments.
2. Write interpretive essays that demonstrate a close read of the text, a unifying purpose, and clarity of expression.
3. Enhance meaning by employing various rhetorical strategies to develop their ideas such as comparison/contrast, cause and effect, examples, narration, description, and argumentation.
4. Achieve a high interest level in their compositions by employing rhetorical devices such as parallelism, repetition, analogy, etc.
5. Revise process papers to highlight the individual voice, improve sentence variety and style, and enhance subtlety of meaning and tone in ways that are consistent with purpose, audience, and genre.
6. Prepare a multimedia presentation that demonstrates research and the use of technology.
7. Employ the conventions of Standard English.

BEGINNING JOURNALISM

Recommended Placement: Eligible for College Prep-English

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

Students in this course learn about the media as it relates to our society today. The emphasis is on writing news stories, feature stories, sports stories, reviews and editorials. This course is a prerequisite for students desiring to work on the staff of *El Vaquero*, the school newspaper. Upon completion of the course, the student will be able to:

1. Defend an editorial point of view.
2. Write feature, sports, opinion, and news stories in proper journalistic form.
3. Conduct an interview for the purpose of obtaining information for a news story.
4. Have a basic understanding of how the mass media impacts society, as well as journalistic trends.
5. Develop understanding of journalistic laws, regulations, and ethics.
6. Read current and classic works of literature to develop an understanding of the range of journalism.
7. Demonstrate an awareness of current events and newsworthy material.
8. Write headlines and captions.
9. Study design trends and create a page layout.
10. Draw cartoons and take photographs.
11. Produce a beginning journalism issue of *El Vaquero* as a class project.
12. Demonstrate the ability to use primary and secondary sources in research.

§ADVANCED JOURNALISM

Recommended Placement: Beg. Journalism & selection process

Credit: 5 units each

Format: 1 semester, offered Fall and Spring semesters

Level of Difficulty: CP

(For UC/CSU credit, this course may be repeated for a total of 10 units, any additional credits will be applied to Irvine High School elective credit requirement.)

Students publish *El Vaquero*, the school newspaper, at regular intervals.

- The class may be repeated.

Upon completion of the course, the student will be able to:

1. Defend an editorial point of view.
2. Produce effective, informative newspaper copy on contemporary issues under deadline pressure.
3. Use effectively the basic journalistic skills relative to news writing, copy-reading, headline construction, proofreading, page-layout and makeup and style limitations.
4. Develop increased sensitivity towards the pressures of writing for publication, which presupposes clear thinking and concise, accurate, objective, forceful and timely writing skills.
5. Demonstrate the ability to use primary and secondary sources of information within a newspaper story.
6. Demonstrate the ability to write in the various journalistic styles including new journalism, reviews, editorials, features, sports, and news stories.
7. Compete in local, state and national writing competitions.
8. Work cooperatively with other students in a team environment.
9. Read contemporary and classic literature including books and periodicals which fall within the domain of journalism.
10. Develop problem-solving and leadership skills.

§ = Students are expected to spend additional hours beyond regular class time.

§ADVANCED PLACEMENT ENGLISH: LANGUAGE & COMPOSITION

Recommended Placement: 77% or higher H. Am. Lit and/or H. Brit. Lit.; & Teacher Rec.; Jr./Sr. standing

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

AP English Language & Composition (Continued)

The goals of the AP English Language & Composition course are diverse because the college composition course is one of the most varied in the curriculum. The course does, however,

1. Provide students with opportunities to write about a variety of subjects and to demonstrate an awareness of audience and purpose
2. Enable students to write effectively and confidently in college courses across the curriculum and in their professional communication as well as in personal and reflective writing
3. Foster the development of writing in any context
4. teach students that the expository, analytical and argumentative writing they must do in college is based on reading, not solely on personal experience and observation
5. Teach students to read primary and secondary sources carefully
6. Synthesize material from texts for use in their composition and to cite sources using conventions recommended by professional organizations such as the Modern Language Association (MLA)
7. Enable students to read complex texts with understanding and to write prose of richness and complexity to communicate effectively with mature readers
8. Help students move beyond such programmatic responses as the five-paragraph essay
9. Encourage students to place emphasis on content, purpose, and audience and allow this focus to guide *the* organization of their writing.

§ADVANCED PLACEMENT ENGLISH: LITERATURE & COMPOSITION

Recommended Placement: 77% or higher in H. Brit. Lit. or H. Am. Lit.; or 70 % or higher in AP English: Language and Composition, & Teacher Rec.; Sr. standing

Credit: 10 units

Format: 1-year alt. block

Level of Difficulty: CP, R

Designed for those in roughly the top 10% of the senior class, the course prepares students to earn college credit by passing the Advanced Placement Examination. Selected readings from a college reading list, research and reports on various representative literary figures and subjects are required. Test-taking skills, thinking skills, English usage, vocabulary, writing techniques and selected novels, plays, essays and poems are studied. Upon completion of the course, the student will be able to:

1. Earn college credit by passing the AP Test.
2. Write college level compositions & utilize an improved vocabulary.
3. Demonstrate knowledge of major writers and analyze and discuss a poem, short story, play, essay or novel.
4. Demonstrate knowledge of the structure of drama, poetry, novel and short story.
5. Utilize research techniques.
6. Utilize acceptable forms for the analytical/expository essay and effectively use the conventions of written English.
7. Analyze and apply literary criticism in expository and analytical essays.

§ = Students are expected to spend additional hours beyond regular class time.

CP = College Preparatory NC = Non-college approved T = Technical M = Moderate D = Difficult R = Most Rigorous



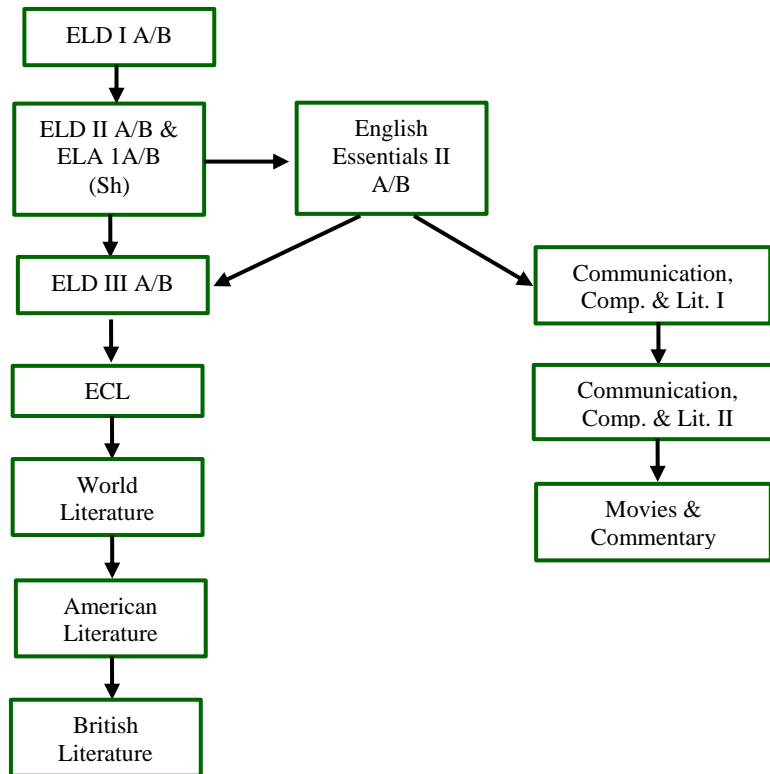
ENGLISH LANGUAGE DEVELOPMENT



Placement in English and core courses is determined by district language testing and prior coursework. The English Language Development (ELD) Coordinator, regardless of language level or placement, monitors the progress of all Limited English Proficient (LEP) students and Redesignated Fluent (R-FEP) students. Scheduling adjustments may need to be made to ensure the English Language Learner's ability to meet and maintain language proficiency. The language level of each English Language Learner is assessed annually. These test results, as well as the student's progress in classes, help to determine their course of study and the level of assistance needed to support them. **All English Language Learners must be enrolled in English each semester until they are redesignated.**

The possibility of being redesignated is reviewed once a year in the late spring. Criteria for redesignation includes state testing, language testing scores, progress in core courses, and teacher evaluation.

COURSE TITLE	ENTRY		PREREQUISITE	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
English Language Dev. 1A/1B	x-----	x-----	None	NC	10 each
ELD 1 A/B English	x-----	x-----	None	NC	5 each
English Language Dev. 2A/2B	x-----	x-----	ELD 1 (or lang. testing)	NC	5 each
English Language Arts (Sh) 1A/1B	x-----	x-----	Concurrently with ELD 2A/2B		5 each
English Language Dev. 3A/3B	x-----	x-----	ELD 2 (or lang. testing)	CP	10 each



STRUCTURED ENGLISH IMMERSION: NEWCOMERS PROGRAM



ELD 1A/1B

Credits: 5 units per semester

Recommended Placement: Language test placement

Grade Level: 9-12 Length: 1 year

Beginning English Language Development (ELD) is a class designed to meet the needs of students arriving in the U.S. with little or no English language skills. Initially, emphasis is placed on acquisition of English through listening/comprehension and speaking skills. Progressively, reading comprehension and writing skills are developed. Learning experiences will emphasize development of student proficiency in communication and interpretation in the English language. Upon completion of this course, the successful student will be able to meet English language development standards at the high beginning level for:

1. Listening and speaking
2. Reading
3. Reading comprehension
4. Writing strategies and conventions
5. Literary response and analysis

This course meets only elective credit toward graduation from Irvine High School.

ELD 2A/2B

Recommended Placement: ELD 1, prior coursework and/or placement test.

Credit: 5 units each

Format: 1 semester each alt. block; taken concurrently with English 1A/1B Sheltered

Level of Difficulty: NC

This course is designed for students with limited language proficiency. It introduces grammar and such functional skills as filling out forms, writing letters, interviewing, conducting phone conversations and following directions. Emphasis is placed upon building vocabulary and improving speaking, reading and writing skills. Students will also participate in cross-cultural activities designed to promote an understanding and appreciation of other cultures. American literature is emphasized as the reading component of the class. During this course, students will experience how to:

1. Complete employment and other application forms.
2. Spell and utilize vocabulary words in the proper context.
3. Edit implementing knowledge or grammar, sentence structure, paragraphing and spelling.
4. Write a short essay with minimum errors.
5. Write business and personal letters using correct form.
6. Utilize study techniques including annotation, note taking, dictionary, and library reference skills.
7. Investigate and study skills needed for mastery of English proficiency test requirements.
8. Identify differences and similarities of different cultures.
9. Practice word attack skills to improve reading level.
10. Identify literary terms and demonstrate understanding of terms by utilizing them to analyze American poetry, short stories and novels.
11. Use peer-leveling vocabulary, SAT prep words, literary-based and college-prep vocabulary.

This course meets non-college preparatory English course credit toward graduation from Irvine High School.

ENGLISH LANGUAGE ARTS 1A/1B SHELTERED

Co-requisite: Taken concurrently with ELD 2A/2B

Credit: 5 units each

Format: 1 semester each alt. block; taken concurrently with ELD 2A/2B

Level of Difficulty: NC

This sheltered English course is designed for limited English Language Learners with limited language proficiency. The course introduces EL students to American literature, poetry and American authors. Emphasis is placed on literary analysis as done in American classrooms, literary terminology, annotation of literary works, expository writing, creative writing and editing skills. During this course, students will experience how to:

1. Utilize biographical research of American authors and poets to assist them when analyzing literature and poetry.
2. Analyze literature and poetry using appropriate literary terminology.
3. Annotate literary works in a way that will facilitate writing analytical essays regarding literature.
4. Compose expository essays utilizing the various formats.
5. Implement editing of peer writing utilizing appropriate grammar terminology.
6. Self-edit utilizing appropriate grammar terminology.
7. Analyze literature considering American culture, religion and history.
8. Examine the effect of time periods on the genre and themes of literature.
9. Use context clues to assist them when reading.
10. Cite literary works in expository essays.
11. Create short stories and poetry modeling literary works.

This course meets non-college preparatory English course credit toward graduation from Irvine High School.

ELD 3A/3B

Recommended Placement: ELD 2, prior coursework and/or placement test.

Credit: 10 units each

Format: 1 semester each solid block

Level of Difficulty: ELD 3A NC (10), ELD 3B CP (10)

This college preparatory course is designed for limited English speaking students. Emphasis is placed upon skills required for the TOEFL examination and SAT prep work. These skills include oral comprehension, oral communication, vocabulary development, reading comprehension, and advanced writing techniques. Emphasis is placed on expository writing. Students will also participate in activities, which will emphasize advanced knowledge of American culture, and cross-cultural activities to promote an understanding and appreciation of other cultures. American literature is emphasized as the reading component of the class. During this course, students will experience how to:

1. Spell and utilize vocabulary words in the proper context.
2. Recognize and analyze literary forms.
3. Make a 10-minute oral presentation.
5. Complete a research paper.
3. Complete an original story.
4. Write a persuasive speech and present it orally.
5. Identify similarities and differences of other cultures.
6. Demonstrate advanced knowledge of American culture.
7. Identify literary terms and demonstrate understanding of terms by utilizing them to analyze American poetry, short stories and novels.
8. Use peer-leveling vocabulary, SAT prep words, literary-based and college-prep vocabulary.
9. Edit implementing knowledge or grammar, sentence structure, paragraphing and spelling.
10. Annotate as a means of literary analysis.
11. Use peer-leveling vocabulary, SAT prep words, literary-based and college-prep vocabulary.
12. Edit implementing knowledge or grammar, sentence structure, paragraphing and spelling.
13. Annotate as a means of literary analysis.

ELD ENGLISH

Credits: 5 units per semester

Recommended Placement: Concurrent Enrollment in ELD 1

Grade Level: 9-12 Length: 1 year

This course is designed for the English Language Learner and coincides with the curriculum and instruction in the ELD Science and ELD Social Science course. Vocabulary and writing skills are supported through the ELD 1 course. This curriculum is linked to the California Standards for English and includes instruction in literature and writing. Students respond to their reading in the form of written analysis, group discussions and formal presentation. Vocabulary and writing relates to fiction and non-fiction literature and includes literary analysis. Upon completion of the course, the student will be able to:

1. Read and study fiction and non-fiction literature.
2. Decode difficult text and annotate works for theme, plot, and character.
3. Develop writing skills, advancing to multi paragraph essay.
4. Understand correct sentence structure and grammar usage
5. Understand vocabulary and usage in the context of an introductory English literature course.

ELD SOCIAL SCIENCE

English Language Development Program

Credits: 5 units per semester

Recommended Placement: Language test placement

Grade Level: 9-12 Length: 1 year

The class is presented to accommodate different levels of English mastery as well as provide the subject areas required by the Social Science Department. The student will read appropriate materials, complete written assignments, use technology, develop note taking skills and take tests on the material covered. The basic areas of text instruction are the following:

1. Geography skills and concepts.
2. American Government: organization and function of national, state, and local levels of government.
3. Individual rights and responsibilities in a democratic society.

ELD SCIENCE

English Language Development Program

Credits: 5 units per semester

Recommended Placement: Language test placement

Grade Level: 9-12 Length: 1 year

The class is presented to accommodate different levels of English mastery as well as provide the subject areas required by the Science Department. The student will read appropriate materials, complete written assignments, use technology, develop note taking skills and take tests on the material covered. The basic areas of instruction are the following: Components of being a Scientist, Formation of Earth, Geology, Climate-Weather, Ecology, Matter, Cellular Biology.



WORLD LANGUAGES



World languages and our ability to use them can be an effective instrument for international understanding. We believe all students should be given the opportunity to study a world language and that classes can be conducted in a way that each student feels successful. Cultural information is an integral part of world language instruction. A smoothly articulated program is designed to facilitate fluency and literacy in the language. It is important to note that all world language courses are college preparatory and require strong study skills. World Language courses are rigorous academic challenges that are an essential part of preparation for college and beyond in our globalized society. Students are advised that a special daily commitment of effort, study and practice is required to be successful in these courses. They should anticipate daily class and homework, project-based and cooperative learning and a strong emphasis on personal and presentational communication covering a wide variety of themes. In addition, it should also be noted that the pacing of World Language courses is significantly faster than other College Preparatory courses and will require a commensurate increase in effort by students as a result.

*Important note for scheduling — When possible, world language classes should be consecutively scheduled throughout the student’s world language study, particularly the first two years.

COURSE TITLE	ENTRY		RECOMMENDED PREREQUISITE	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
<u>KOREAN</u> (*Native speakers should see the teacher for accurate initial placement.)					
Korean 1	x- - - - -	- - - - -		CP	10
Korean 2	x- - - - -	- - - - -	70% or above in prev. course & teacher rec.	CP	10
Korean 3	x- - - - -	- - - - -	70% or above in prev. course & teacher rec.	CP	10
Korean 4	x- - - - -	- - - - -	70% or above in previous course & teacher rec.	CP	10
Honors Korean 5	x- - - - -	- - - - -	70% or above in previous course & teacher rec.	CP, R	10

FRENCH (*Native speakers should see the teacher for accurate initial placement.)

French 1	x- - - - -	x- - - - -		CP	10
French 2	x- - - - -	x- - - - -	70% or above in previous course & teacher rec.	CP	10
French 3	x- - - - -	x- - - - -	70% or above in previous course & teacher rec.	CP	10
Honors French 4	x- - - - -	x- - - - -	70% or above in previous course & teacher rec.	CP, R	10
AP French	x- - - - -	- - - - -	70% or above in previous course & teacher rec.	CP, R	10

SPANISH

Spanish 1	x- - - - -	x- - - - -		CP	10
Spanish 2	x- - - - -	x- - - - -	70% or above in previous course & teacher rec.	CP	10
Spanish 3	x- - - - -	x- - - - -	70% or above in previous course & teacher rec.	CP	10
Honors Spanish 4	x- - - - -	x- - - - -	70% or above in previous course & teacher rec.	CP, R	10
AP Spanish Language & Culture	x- - - - -	- - - - -	70% or above in previous course & teacher rec.	CP, R	10
Spanish for Native Speakers 1	x- - - - -	x- - - - -	Oral fluency and basic knowledge of written Spanish	CP	10
Spanish for Native Speakers 2	x- - - - -	x- - - - -	70% or above in previous course & teacher rec. Oral fluency and a functional Knowledge of written Spanish or Completion of Native Speakers 1	CP	10

All college prep work must be passed with a grade of “C” or better for minimum UC/CSU eligibility.

KOREAN 1

Recommended Placement: Academic GPA of 2.80+

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This course is designed to assist students to develop low-beginning level skills in the Korean language. These skills are speaking, listening, reading, and writing, as well as cultural understanding. This course will begin by introducing the writing and sound system of the Korean language. The remainder of the course will focus on grammatical patterns such as basic sentence structures, some grammatical points, and expressions. Upon completion of this course, the students will be able to:

1. Use basic structure and simple conversational Korean
2. Understand familiar words in limited social contexts
3. Read short dialogues and passages
4. Write short dialogues and paragraphs
5. Have basic knowledge of Korean culture

KOREAN 2

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This course is designed to assist students to develop mid-beginning level skills in the Korean language. These skills are speaking, listening, reading, and writing, as well as cultural understanding. The students are expected to participate in class activities using the target language. Emphasis is placed on improving language skills through the introduction of various tenses and expressions, and on expanding oral and written communication skills. Upon completion of this course, students will be able to:

1. Use basic conversational Korean
2. Understand some short learned utterances in familiar contexts although misunderstandings and pauses for assimilation are frequent
3. Read short dialogues and passages.
4. Write short compositions
5. Demonstrate greater knowledge of Korean culture

KOREAN 3

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This course is designed to assist students to develop high-beginning level skills in the Korean language. These skills are speaking, listening, reading, and writing, as well as cultural understanding. Emphasis is placed on grammatical structures and reading short stories, cultural pieces, and literary excerpts. Conversational Korean is encouraged in class to improve fluency and comprehension. Upon completion of this course, students will be able to:

1. Use intermediate structure and conversational Korean.
2. Understand some short learned utterances in familiar contexts although misunderstandings and pauses for assimilation are frequent
3. Read intermediate stories and excerpts
4. Write 2-4 paragraph compositions and detailed dialogues
5. Demonstrate intermediate knowledge of Korean culture

KOREAN 4

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

Students in this Intermediate course are assumed to have previous knowledge of Korean, which was taught in Korean 1, 2 and 3. Students in this course will learn intermediate level skills in the areas of listening, speaking, reading, and writing in Korean, as well as expand their cultural understanding. Upon completion of this course, students are expected to acquire and use more vocabulary, expressions and sentence structures and to have a good command of Korean in various conversational situations. Students are expected to write short essays using the vocabulary, expressions, and sentence structures introduced. Upon completion of this course, students will be able to:

1. Understand and use the spoken language in a large range of situations
2. Understand main ideas and/or some details from conversations related to a variety of contexts
3. Understand and use a variety of sentence structure.
4. Analyze and evaluate a variety of writings
5. Write well-organized compositions in Korean
6. Demonstrate an increased awareness of Korean culture

HONORS KOREAN 5

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP, R

This course is a continuation of Korean 4 and is equivalent in difficulty to an Advanced Placement course. After the completion of this advanced course, students are expected to acquire and use more vocabulary, expressions, and sentence structures. Students are also expected to write well-organized full-length compositions.

FRENCH 1

Recommended Placement: None

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This course serves an introduction to the French language and culture. Students are exposed to elementary vocabulary and structure of the language. Students become acquainted with the four basic tenets of language — listening, speaking, reading and writing and begin to attain proficiency in each of these skills. Upon completion of this course, the student will be able to:

1. Use basic structure and simple conversational French
2. Read short dialogues and short cultural excerpts in French
3. Write brief constructed responses
4. Have basic knowledge of the French culture
5. Use the online site to practice skills at home

FRENCH 2

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

In this course, the student increases his ability of the basic skills of listening, speaking, reading and writing through classroom presentation, textbooks and multi-media. Emphasis is placed on building vocabulary and on culture. Upon completion of the course, the student will be able to:

1. Demonstrate knowledge of the basic structure of the language

CP = College Preparatory NC = Non-college approved T = Technical M = Moderate D = Difficult R = Most Rigorous

2. Use conversational French
3. Read dialogues and cultural excerpts in French
4. Write brief constructed responses
5. Demonstrate greater knowledge of French culture
6. Use the online site to practice skills at home

FRENCH 3

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This intermediate level reinforces and strengthens the basic objectives of elementary French. Emphasis is placed on grammatical structures and reading short stories, cultural pieces, and literary excerpts. Conversational French is encouraged in class to improve fluency and comprehension. Upon completion of the course, the student will be able to:

1. Use intermediate structure and conversational French
2. Read intermediate stories and excerpts
3. Write 2-4 paragraph compositions and detailed dialogues
4. Demonstrate intermediate knowledge of French culture
5. Use the online site to practice skills at home

HONORS FRENCH 4

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP, R

In this class, students will study French films and literature while gaining valuable lessons in culture and grammar. Students will be expected to read novels, short stories, poems, and plays in French. Students will explore French culture by watching French movies and discussing the different themes and genres. It is expected that students will converse mainly in French while in class. Students will improve their fluency of the French language in reading, writing, speaking and listening. This class will help prepare students for the AP French Language class. Students must have passed French III with a 70% or above and have a teacher recommendation in order to take this class.

Upon completion of the course, the student will be able to:

1. Use advanced structure and conversational French
2. Read complete novels and plays
3. Write well-developed compositions and skits
4. Demonstrate advanced listening skills through films, television, and websites

ADVANCED PLACEMENT FRENCH

Recommended Placement: 70% or above in previous course & teacher rec.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

The first semester emphasizes the review of advanced grammatical concepts, silent reading, and daily discussions. Conversational French is required in class. In the second semester students will focus on activities to prepare for the AP French Language exam; word fill-ins, verb fill-ins, reading comprehension activities, listening activities, and speaking practice of direct response questions and picture sequences. Students will use a variety of resources to improve their fluency of the language such as newspapers, magazines, novels, plays, movies, television shows, and websites. Upon completion of the course, the student will be able to:

1. Use advanced structure in conversational and written French
2. Read and analyze a variety of genres
3. Write full-length compositions
4. Demonstrate advanced listening, reading, writing, and speaking skills
5. Sit for the AP French Language exam in May
6. Use the online site to practice skills at home

SPANISH 1

Recommended Placement: Academic GPA of 2.80 or above

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

This introductory language course uses as a guide the National Standards of World Languages which assist the students in developing basic skills in listening, speaking, reading and writing. The students communicate in the target language using basic vocabulary. The students explore the various cultures of Hispanic people around the world including a study of geography, history, cultural traditions, art, music and daily life. Oral participation is stressed. Upon completion of this course, the students will be able to:

1. Use basic structure and simple conversational Spanish
2. Read short dialogues
3. Write short dialogues and paragraphs
4. Demonstrate an increased awareness and sensitivity of the various Hispanic cultures
5. Give short oral presentations

SPANISH 2

Recommended Placement: 70% or above in previous course & teacher recommendation

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

In this course, the students continue to develop basic speaking and listening skills and broaden their knowledge of grammar. The students are expected to participate in class activities using the target language. Emphasis is placed on improving language skills through the introduction of various tenses and idioms, and on improving oral and written communication skills. The students do more in-depth study of Hispanic cultures through the use of media, technology and reading materials. Upon completion of this course, the students will be able to:

1. Demonstrate knowledge of the basic structure of the language
2. Use basic conversational Spanish
3. Read, write and present dialogues
4. Read short passages
5. Write short compositions

SPANISH 3

Recommended Placement: 70% or above in previous course & teacher recommendation

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP

In compliance with the National Standards, the students develop advanced listening and speaking skills and increase their knowledge and application of grammar. Emphasis is placed on advanced grammatical principles such as the subjunctive and conditional tenses. The students are expected to participate in class activities and use the target language consistently. The students continue to study culture and geography of Hispanic countries in the target language through the use of media, technology, and reading materials. Upon completion of the course, the students will be able to:

1. Demonstrate an advanced knowledge of language structure
2. Demonstrate an increased proficiency in conversational Spanish
3. Read, write and present dialogues
4. Write compositions

HONORS SPANISH 4

Recommended Placement: 70% or above in previous course & teacher recommendation

Credit: 10 units

Format: 1 semester solid block or 1 year alt. block

Level of Difficulty: CP, R

This course will include critical essays, an extensive grammar review, and literature analysis. Emphasis will be placed on clarity and diction of speech patterns, rhetorical strategies, audience awareness, and correctness of language. This course is conducted entirely in Spanish. Upon completion of this course, the student will be able to:

1. Understand and use the spoken language in a large range of situations
2. Express ideas, opinions, and feelings orally
3. Analyze and evaluate a variety of writings
4. Understand and use a variety of sentence structures
5. Write a well-organized expository composition in Spanish
6. Utilize various rhetorical strategies
7. Demonstrate an increased awareness of Hispanic cultures and recognize cultural influences in the reading selections

SPANISH FOR NATIVE SPEAKERS 1

Recommended Placement: Teacher evaluation and recommendation

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

Students who can demonstrate oral fluency and a basic knowledge of written Spanish will improve their skills in composition, grammar and speaking. Effective study skills will be emphasized. Students will increase their reading comprehension skills through various reading selections, both fiction and non-fiction. Students will write to describe, narrate and explain. Students will develop speaking skills through discussions and presentations. Students will listen to a variety of media to improve their understanding of spoken Spanish. The culture of various Spanish-speaking countries will be studied as well. At the end of this course students may advance to Spanish for Native Speakers 2.

Upon completion of this course students will be able to:

1. Communicate effectively through spoken Spanish in a large range of situations.
2. Communicate effectively through written Spanish.
3. Read authentic text in Spanish with confidence.
4. Demonstrate knowledge and understanding of the culture of various Spanish-speaking countries.

SPANISH FOR NATIVE SPEAKERS 2

Recommended Placement: Completion of Spanish for Native Speakers 1 with a 70% or above or teacher evaluation and recommendation

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

Students who demonstrate oral fluency and a functional knowledge of written Spanish will be introduced to literature from Spain and Latin America. Students will read short stories, articles, plays and poetry. Students will also continue to improve their skills in composition by writing to compare, contrast and persuade. Students will continue to study the culture of various Spanish speaking countries and will recognize cultural influences in reading selections. Students will continue to improve their understanding of spoken Spanish and their ability to speak through discussions, interviews and presentations. At the end of this course students may advance to A.P. Spanish Literature.

Upon completion of this course students will be able to:

1. Read and understand advanced literature selections.
2. Write a well-organized composition to compare/contrast and to persuade.
3. Communicate ideas clearly and coherently through spoken Spanish in a presentational mode.
4. Demonstrate knowledge and understanding of the culture of various Spanish-speaking countries and recognize cultural influences in literature.

ADVANCED PLACEMENT SPANISH & CULTURE

Recommended Placement: 70% or above in previous course & teacher rec

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

This course provides students with opportunities to develop language proficiency across the three modes of communication: interpretive, interpersonal and presentational. Students learn about culture through the use of authentic materials that are representative of the Spanish-speaking world. Materials include journalistic and literary works, podcasts, interviews, movies, charts and graphs. The course is conducted entirely in Spanish.

The course is divided into thematic units which are guided by essential questions. Corresponding cultural elements are integrated into the study of the units and activities are directed with those cultural connections in mind. Discussion of the topics completely in Spanish is a requirement for this course. It is assumed that students have been previously exposed to advanced language structures in the courses leading up to the AP Spanish Language and Culture course; however, review of the mechanics is done within the contextual framework of each unit.

At the end of this course students will be prepared to take the AP Spanish Language and Culture Exam.

1. Develop and refine listening, reading, writing and speaking skills
2. Experience the spoken language in a large range of situations
3. Express ideas, opinions and feelings orally
4. Prepare for the Advanced Placement test for Spanish Language in the spring
5. Read and analyze literature written by Hispanic authors



MATHEMATICS



Mathematics, the study of numbers and their uses, involves computational skill, problem solving, measurement and geometric skills. Because people use mathematics in skilled or professional jobs, as a recreation and as a basis for academic pursuit, the mathematics curriculum is designed to offer a variety of learning experiences commensurate with the learner's ability and future needs. **MINIMUM GRADUATION REQUIREMENT:** Two years (20 Units).

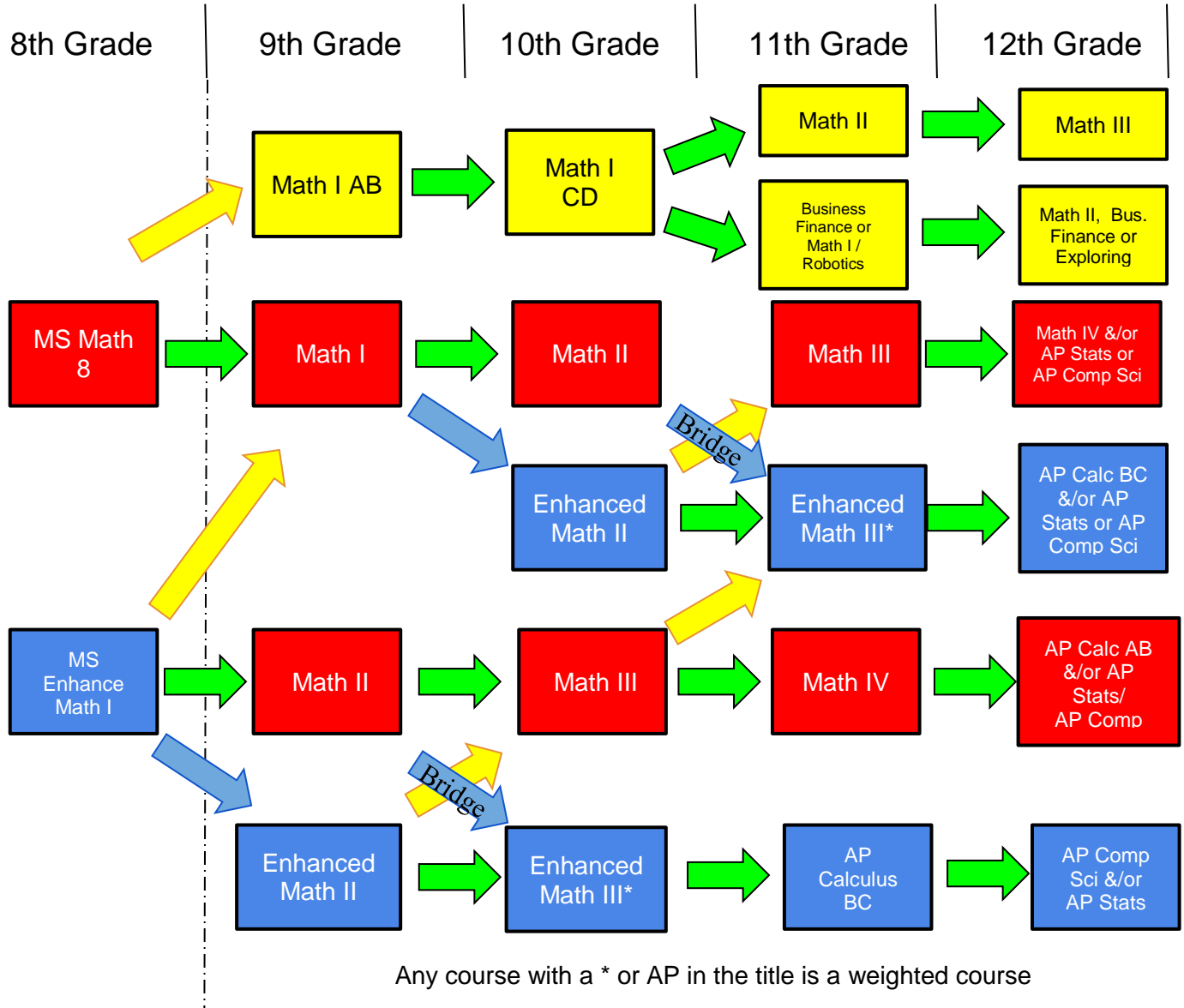
COURSE TITLE	ENTRY		RECOMMENDATION	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
*Math Foundations	x- - - - -	x- - - - -	Teacher Recommendation	NC	5/semester
Math IAB*/CD (2 year alternating block)	x- - - - -	- - - - -	Teacher Recommendation	NC/CP	10/10 year
Business Finance	x- - - - -	x- - - - -	Teacher Recommendation	NC	10
Math I A/B (1 year alternating)	x- - - - -	- - - - -	8 th Math, 70% or above	CP, D	10
Math II A/B (1 year alternating)	x- - - - -	- - - - -	Math I, 70% or above	CP, D	10
Math II Enhanced A/B (1 year alternating)	x- - - - -	- - - - -	2 of 3: Teacher Recommendation, Grade of 90% or above both semesters in Math I, and 85% or higher on End of Course Assessment	CP, D	10
Math III A/B	x- - - - -	- - - - -	Math II, 70% or above	CP, D	10
Math III Enhanced A/B.	x- - - - -	- - - - -	2 of 3: Teacher Recommendation, Grade of 80% or better in Enhanced Math II, 85% or higher on End of Course Assessment	CP, R	10
Math IV A/B	x- - - - -	- - - - -	Math III, 70% or above	CP, D	10
AP Statistics A/B	x- - - - -	- - - - -	Math III, 80% or above, Enh. Math III, 70% or above	AP, R	10
AP Calculus AB	x- - - - -	- - - - -	Math IV, 80% or above, Enh. Math II, 70% or above	AP, R	10
AP Calculus BC	x- - - - -	- - - - -	Enh. Math III, 80% or above	AP, R	10

***Non-college preparatory course.**

Please note: Community College courses do not meet the K-12 state standards and IHS prerequisites for math placement.

IHS Secondary Mathematics Pathway

Integrated Mathematics



MATH I AB A/B

Placement by teacher recommendation

Credit: 10 units

Format: 1 years alt. block

Grade of 60% or above first semester is required to move on to spring semester

Level of Difficulty: NC

The first year of this two-year course is designed as an introduction to high school mathematics that focuses on modeling and problem solving through the use of univariate statistics and functions. This course is aligned with the Common Core state standards. Passing this course and Math I CD A/B will satisfy the Math I requirement for graduation.

Skills and Assessment: Students will...

- Analyze univariate statistics using measures of central tendency, distribution shape, and spread
- Graph, describe and utilize various functions

- Derive equations of linear and exponential functions
- Use linear and exponential functions to model applications
- Describe and derive arithmetic and geometric sequences

MATH I CD A/B

Recommended placement: Grade of 60% or above in Math I AB.

Credit: 10 units

Format: 1 year alt. block

Grade of 60% or above first semester is required to move on to spring semester

Level of Difficulty: CP, D

Math I CD is a continuation of the themes from Math I AB. Students will continue to use modeling and problem solving skills to explore systems of equations and inequalities and apply knowledge of lines to describe and analyze angles and triangles. Passing this course and Math I AB A/B will satisfy the Math I requirement for graduation.

Skills and Assessment: Students will...

- Model, solve and apply systems of linear equations and inequalities
- Describe and derive transformation of lines and basic shapes
- Describe, prove and apply uses of triangle congruence
- Use slope and distance to describe and define quadrilaterals

MATH I A/B

Recommended placement: Grade of 70% or above in 8th grade mathematics, End of Course assessment 70% or above, and teacher recommendation.

Credit: 10 units

Format: 1 year, alternating block

Grade of 60% or higher first semester is required to move on to spring semester

Level of Difficulty: CP, D

The fundamental purpose of the Math I course is to formalize and extend students' understanding of linear functions and their applications. Students will learn how to differentiate between linear and non-linear functions (most specifically, exponential functions), and will expand these concepts to understand arithmetic and geometric sequences. Math I uses properties and theorems involving congruent figures to deepen and extend geometric knowledge gained in prior grade levels. Additionally, students will learn introductory univariate and bivariate statistics. Throughout the course, student learning will focus on modeling and problem solving in order to promote the application of mathematics in real world settings.

INTEGRATED MATH I WITH COMPUTING AND ROBOTICS

Recommended Placement: Math Teacher Recommendation only

Credit: 10 units

Format: 1 year, alternating block

Level of Difficulty: CP

Grade of 60% or higher first semester is required to move on to spring semester

The course guides students through topics in Integrated Mathematics 1 in Common Core State Standards for Mathematics while simultaneously teaching students programming and computational thinking. Students use programming to reinforce and extend their knowledge of mathematical concepts. This is done by analyzing real life situations, identifying given information, formulating steps that a computer program could calculate to find a solution, analyzing the results for accuracy, and revising/modifying the programming solutions as necessary.

Skills and Assessment: Students will...

- Solve one-variable equations with multiple steps
- Solve and plot absolute value equations and inequalities
- Model, solve and apply systems of linear equations
- Use linear and exponential functions to model applications

- Complete statistical data analysis and visualization
- Complete arithmetic and geometric sequences
- Complete geometric transformations, including translations, rotations, and reflections
- Complete geometric construction

Robotics activities allow students to reenact physically derived mathematical problems through robotics technologies in order to visualize situations, associate linear and exponential graphs with physical phenomenon, predict and identify key features of graphs with robotic systems, and solve robotics problems through mathematical modeling and programming.

MATH II A/B

Recommended placement: Grade of 70% or above in Math I, End of Course Assessment 70% or above, and teacher recommendation.

Credit: 10 units

Format: 1 year, alternating block

Level of Difficulty: CP, D

Math II is the second course in the college preparatory math sequence. Instructional time will focus on five critical areas: extending the laws of exponents to rational exponents; comparing key features of quadratic functions with those of linear and exponential functions; creating and solving equations and inequalities involving linear, exponential, and quadratic expressions, including those with complex solutions; extending work with probability; and establishing criteria for similarity. This course is aligned with the Common Core State Standards.

Skills and Assessment: Students will...

- Connect concepts to the real world using mathematical modeling.
- Reason quantitatively and use units to solve problems.
- Explain and justify the processes they use in solving problems.
- Communicate mathematical understanding and problem solving through the use of multiple representations such as diagrams, models, tables, graphs and symbols.
- Develop and extend strategies to transition from knowledge of concepts and skills to theoretical reasoning and application of concepts.
- Demonstrate mastery of concepts and skills through various assessments in the form of homework, quizzes, tests, and performance tasks.
- Use appropriate technology to enhance learning and understanding.

MATH II ENHANCED A/B

Recommended placement: 2 of 3: 90% or above both semesters in Math I, End of Course assessment 85% or above, and teacher recommendation.

Credit: 10 units

Format: 1 year, alternating block

Level of Difficulty: CP, D

Enhanced Math II is the first course in the rigorous accelerated sequence of high school math courses. Instructional time will focus on five critical areas: extending the laws of exponents to rational exponents; comparing key features of quadratic functions with those of linear and exponential functions; creating and solving equations and inequalities involving linear, exponential, and quadratic expressions, including those with complex solutions; extending work with probability and statistics; and establishing criteria for similarity. In addition, students will deepen and extend their understanding in each of these areas in order to prepare students for advanced mathematics at an accelerated pace. This course is aligned with the Common Core State Standards.

Skills and Assessment: Students will...

- Connect concepts to the real world using mathematical modeling.
- Reason quantitatively and use units to solve problems.
- Explain and justify the processes they use in solving problems.

- Communicate mathematical understanding and problem solving through the use of multiple representations such as diagrams, models, tables, graphs and symbols.
- Develop and extend strategies to transition from knowledge of concepts and skills to theoretical reasoning and application of concepts.
- Demonstrate mastery of concepts and skills through various assessments in the form of homework, quizzes, tests, and performance tasks.
- Use appropriate technology to enhance learning and understanding.

MATH III A/B

Recommended Placement: 70% or above in Math II, End of Course assessment 70% or above and, teacher recommendation.

Credit: 10 units

Format: 1 year alternating block

Grade of 60% or above first semester is required to move on to spring semester

Level of Difficulty: CP, D

Comment: Meets UC requirements

Math III is the third course in the college preparatory math sequence. Instructional time will focus on four critical areas: applying methods from probability and statistics to draw inferences and conclusions from data; expanding understanding of functions to include polynomial, rational, and radical functions; expanding right triangle trigonometry to include general triangles and trigonometric functions; and consolidate functions and geometry to create models and solve contextual problems. This course is aligned with the California Common Core State Standards.

Skills and Assessment: Students will...

- Connect concepts to the real world using mathematical modeling.
- Reason quantitatively and use units to solve problems.
- Explain and justify the processes they use in solving problems.
- Communicate mathematical understanding and problem solving through the use of multiple representations such as diagrams, models, tables, graphs and symbols.
- Develop and extend strategies to transition from knowledge of concepts and skills to theoretical reasoning and application of concepts.
- Demonstrate mastery of concepts and skills through various assessments in the form of homework, quizzes, tests, and performance tasks.
- Use appropriate technology to enhance learning and understanding.

MATH III ENHANCED A/B

Recommended Placement: 90% or above in Math II both semesters or 80% or above in Enhanced Math II both semesters, End of Course assessment 85% or above, and teacher recommendation.

Credit: 10 units

Format: 1 year, alternating block

Grade of 60% or higher first semester is required to move on to spring semester

Level of Difficulty: CP, R

Enhanced Math III is the second course in the rigorous accelerated sequence of high school math courses. Instructional time will focus on five critical areas: expanding understanding of functions to include polynomial, rational, and radical functions; extending their work with complex numbers; extending trigonometry to general triangles, trigonometric functions, reciprocal functions, and inverse functions; working with parametric and polar curves; and consolidating functions and geometry to create models and solve contextual problems. In addition, students will deepen and extend their understanding in each of these areas through study of advanced related topics and application to more complex problem solving situations, in order to prepare students for advanced mathematics at an accelerated pace. This course is aligned with the California Common Core State Standards.

Skills and Assessment: Students will...

- Connect concepts to the real world using mathematical modeling.
- Reason quantitatively and use units to solve problems.

- Explain and justify the processes they use in solving problems.
- Communicate mathematical understanding and problem solving through the use of multiple representations such as diagrams, models, tables, graphs and symbols.
- Develop and extend strategies to transition from knowledge of concepts and skills to theoretical reasoning and application of concepts.
- Demonstrate mastery of concepts and skills through various assessments in the form of homework, quizzes, tests, and performance tasks.
- Use appropriate technology to enhance learning and understanding.

BUSINESS FINANCE

Recommended Placement: Completion of Math I or Math I AB and CD

Credit: 5 units per semester

Format: 1 year alt. block

Level of Difficulty: NC

Grade of 60% or higher first semester is required to move on to spring semester

Business Finance is a two semester course. Students will learn how to apply mathematical concepts as a tool in their personal and business lives. Upon completion, students will understand terminology relating to personal and business mathematics applications. Topics include budgeting, banking, credit, investing money, purchasing of autos and housing, life and health insurance, salaries and taxes, money management, and business careers. . They will use common mathematical formulas and skills like whole numbers, decimals, fractions, ratios and percent as they relate to these topics. Students must pass the first semester to move on the take the second semester.

AP STATISTICS A/B

Recommended Placement: 80% or above in Math III, 70% or above in Enhanced Math III

Credit: 10 units

Format: 1 year alt. block

Grade of 70% or higher first semester is required to move on to spring semester

Level of Difficulty: CP, R

AP Statistics is intended for students planning to major in mathematics or science in college. The class incorporates the use of a graphing calculator. Topics included are probability, random variables, measures of central tendency, inference, designing experiments and simulations, displaying data, and analysis of variance. After completing this course, students should be able to:

- Determine the validity of data
- Design proper experiments and simulations
- Calculate confidence intervals
- Apply tests of significance
- Apply inference to distributions
- Apply inference to proportions
- Apply inference to regression
- Test for goodness of fit

MATH IV

Recommended Placement: 70% or above in Math III, teacher recommendation

Credit: 10 units

Format: 1 year, alternating block

Grade of 60% or higher first semester is required to move on to spring semester

Level of Difficulty: CP, D

Math IV is the final class in the college prep integrated math sequence. It is for designed for the student who has successfully completed Math III. Topics previously studied are examined more closely such as rational

functions, irrational equations, systems of inequalities, and trigonometric identities and equations, sequences and series. New topics include Gauss-Jordan elimination, linear programming, finite mathematics theorems, polar coordinates, vectors, limits and continuity. At the end of the course, the student will be able to:

- Solve systems of equations using a wide variety of strategies including Matrix Algebra
- Apply theory of equations concepts
- Perform operations with radicals and complex numbers
- Apply trigonometry concepts
- Examine Polar and Parametric Functions
- Understand properties of Vectors
- Use probability and counting theories to solve problems
- Utilize exponential and logarithmic functions to simplify computation
- Examine properties and limits of sequences and series

This course prepares students for AP Calculus AB.

AP CALCULUS AB

Recommended Placement: Grade of 80% or above in Pre-Calculus or Math IV, 70% or above in Honors Pre-Calculus or Enhanced Math III

Credit: 10 units

Format: 1 year alt. block

Grade of 70% or higher first semester is required to move on to spring semester

Level of Difficulty: CP, R

AP Calculus AB is a course for students who have completed Pre-Calculus or Honors Pre-Calculus successfully. Students will study major topics of mathematics outlined by the College Board including: limits and continuity, derivatives, applications of derivatives, integrals, and differential equations.

Upon completion of the course, students will be able to:

- Understand the properties of limits, derivatives, and continuous functions
- Understand derivatives and be able to use derivatives to solve a variety of problems
- Use derivatives to sketch the graphs of different types of functions
- Understand the meaning of integral and applying several methods of integration to definite and indefinite integrals
- Understand the relationship between the derivative and the definite integral

Note: Students may not enroll in AP Calculus AB after dropping AP Calculus BC during the same school year.

AP CALCULUS BC

Recommended Placement: Grade of 80% or above in H. Pre-Calculus or Enhanced Math III, & Teacher Recommendation.

Credit: 10 units

Format: 1 year alt. block

Grade of 70% or higher first semester is required to move on to spring semester

Level of Difficulty: CP, R

This class is designed is to provide students with a clear understanding of the ideas of calculus as a solid foundation for subsequent courses in mathematics and other disciplines. Students will develop their calculus skills through graphical, numerical and algebraic methods. Upon completion of this course students will be able to:

- Apply the definition of derivative and its interpretation as an instantaneous rate of change.
- Use differentiation rules for products, quotients, and composite functions.
- Use derivatives in solving problems, including optimization and graphing.
- Apply the definite integral as a limit of Riemann sums and use the Fundamental Theorem of Calculus.

CP = College Preparatory NC = Non-college approved T = Technical M = Moderate D = Difficult R = Most Rigorous

- Use several techniques of integration.
- Apply integration techniques to physical phenomena, economics, and science.
- Construct and analyze series and convergence.
- Model, interpret, and find qualitative solutions



PERFORMING ARTS

COURSE TITLE	ENTRY		PLACEMENT	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
Choral Music					
Bass Chorus F/S*§	x- - - - -	x- - - - -	None	CP	10
Treble Chorus F/S*§	x- - - - -	x- - - - -	None	CP	10
Canta Bella A/B*§	x- - - - -	x- - - - -	Audition	CP	10
IHS Chorale A/B*§	x- - - - -	x- - - - -	Audition	CP	10
Irvine Singers A/B*§	x- - - - -	x- - - - -	Audition	CP	10
Instrumental Music					
Concert Band A/B*§	x- - - - -	x- - - - -	Appropriate Skill Level	CP	10
Symphonic Band A/B*§	x- - - - -	x- - - - -	Audition, Teacher Rec.	CP	10
Wind Symphony A/B*§	x- - - - -	x- - - - -	Audition & Marching.	CP, D	10
Jazz Ensemble 1A/1B*§	x- - - - -	x- - - - -	Audition & Marching	CP	7.5
Jazz Ensemble 2A/2B*§	x- - - - -	x- - - - -	Audition & Marching	CP	7.5
Marching Band§	x- - - - -		Appropriate Skill Level	NC	2.5
Percussion Ensemble A/B*§	x- - - - -	x- - - - -	Audition or Teacher Rec.	CP	10
Concert Orchestra A/B*§	x- - - - -	x- - - - -	Appropriate Skill Level	CP	10
Symphonic Orchestra A/B*§	x- - - - -	x- - - - -	Audition or Teacher Rec.	CP, M	10
Philharmonic Orchestra A/B*§	x- - - - -	x- - - - -	Audition or Teacher Rec.	CP, D	10
Dance					
Dance Tech 1 F/S	x- - - - -	x- - - - -	None	NC	5
Dance Tech 2 A/B*§	x- - - - -	x- - - - -	Audition	CP, M	5
Dance Tech 3 A/B*§	x- - - - -	x- - - - -	Audition	CP, M	5
Dance Tech 4 A/B*§	x- - - - -	x- - - - -	Audition	CP, D	5
Dance Ensemble A/B*§	x- - - - -	x- - - - -	Audition	CP, D	5
General Performing Arts					
Music-Independent Study F/S	x- - - - -	x- - - - -	Approval	NC	Var
Guitar 1 F/S *	x- - - - -	x- - - - -	None	CP	5
Guitar 2 F/S*	x- - - - -	x- - - - -	Teacher Rec.	CP	5
Music Theory	x- - - - -	- - - - -	None	NC	5
AP Music Theory A/B*	x- - - - -	- - - - -	Teacher rec.	CP, R	10
Piano F/S*	x- - - - -	x- - - - -	None	CP	5
Theatre					
Creative Drama F/S*	x- - - - -	x- - - - -	None	CP	5-10
Int. Drama F/S*§	x- - - - -	x- - - - -	One year of Creative	CP	5-10
Advanced Drama A/B *§	x- - - - -	x- - - - -	One year of Int. Drama, Audition/Teach Rec.	CP	5-10
Technical Theatre	x- - - - -	x- - - - -	None	NC	5-10
Advanced Technical Theatre§	x- - - - -	x- - - - -	Approval of Instructor Audition & Interview	NC, D	5-10
Play Production§	x- - - - -	x- - - - -		NC, D	Var
Theatre-Independent Study§	x- - - - -	x- - - - -	Approval of Instructor	NC, D	Var

Under The Course descriptions, the following symbols indicate special information.

§ = Students will be expected to spend additional hours beyond the regular class time

* = 2 semesters of UC/ CSU approved performing arts courses is required to meet the UC Visual and Performing Arts requirement. The two semester courses to not need to be the same course as long as they are both performing arts classes; i.e. drama and choir, but not drama and ceramics.

All college prep course work must be passed with a grade of “C” or better for minimum UC/CSU eligibility.

§BASS CHORUS F/S

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

BASS CHORUS is a singing ensemble open to males in all grades. No audition is required.

Students will acquire skills in reading music notation and in vocal production. Through singing, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing, and performing music from across the historical spectrum. Through written and oral analysis of texts and music being performed, students will connect and apply analytic skills learned in other courses. Through participation in concerts and festivals, singers will respond to and assess the technical and aesthetic aspects of choral performance. By working with varied instrumental ensembles in concert and by working with guest conductors and vocal specialists, students will gain an understanding of the choral art in relation to other performance disciplines and will develop an awareness of the various facets of the music profession.

Upon completion of the course, each student is expected to:

1. Read music notation in treble and bass clefs.
2. Read basic rhythmic notation accurately.
3. Demonstrate knowledge of terminology pertinent to the performance of choral music.
4. Demonstrate correct singing technique and understanding of correct technique.
5. Demonstrate appropriate rehearsal discipline and performance skills.

Assessments will include:

- Written and oral tests on vocal and music terminology.
- Written and oral critiques by choral festival judges.
- Public performance.

Students are expected to attend all rehearsals and performances of the BASS CHORUS.

§TREBLE CHORUS F/S

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

TREBLE CHORUS is a singing ensemble open to females in all grades. No audition is required.

Students will acquire skills in reading music notation and in vocal production. Through singing, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing, and performing music from across the historical spectrum. Through written and oral analysis of texts and music being performed, students will connect and apply analytic skills learned in other courses. Through participation in concerts and festivals, singers will respond to and assess the technical and aesthetic aspects of choral performance. By working with varied instrumental ensembles in concert and by working with guest conductors and vocal specialists, students will gain an understanding of the choral art in relation to other performance disciplines and will develop an awareness of the various facets of the music profession.

Upon completion of the course, each student is expected to:

1. Read music notation in treble and bass clefs.
2. Read basic rhythmic notation accurately.
3. Demonstrate knowledge of terminology pertinent to the performance of choral music.
4. Demonstrate correct singing technique and understanding of correct technique.
5. Demonstrate appropriate rehearsal discipline and performance skills.

Assessments will include:

- Written and oral tests on vocal and music terminology.
- Written and oral critiques by choral festival judges.
- Public performance.

§Students are expected to attend all rehearsals and performances of the Treble Chorus.

§CANTA BELLA A/B

Audition Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

CANTA BELLA is a singing ensemble open to females in grades 10-12. Selection for Canta Bella is dependent upon appropriate balance of voice parts. Membership is by audition only.

Students will acquire skills in reading music notation and in vocal production. Through singing, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing, and performing music from across the historical spectrum. Through written and oral analysis of texts and music being performed, students will connect and apply analytic skills learned in other courses. Through participation in concerts and festivals, singers will respond to and assess the technical and aesthetic aspects of choral performance. By working with varied instrumental ensembles in concert and by working with guest conductors and vocal specialists, students will gain an understanding of the choral art in relation to other performance disciplines and will develop an awareness of the various facets of the music profession.

Upon completion of the course, each student is expected to:

1. Read music notation in treble and bass clefs.
2. Read basic rhythmic notation accurately.
3. Demonstrate knowledge of terminology pertinent to the performance of choral music.
4. Demonstrate correct singing technique and understanding of correct technique.
5. Demonstrate appropriate rehearsal discipline and performance skills.

Assessments will include:

- Written and oral tests on vocal and music terminology.
- Written and oral critiques by choral festival judges.
- Public performance.

§ Students are expected to attend all rehearsals and performances of the Canta Bella.

§IRVINE HIGH SCHOOL CHORALE A/B

Audition Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

The IHS Chorale is a mixed singing ensemble intended for singers of advanced ability. Selection for IHS Chorale is dependent upon appropriate balance between sopranos, altos, tenors and basses. Membership is by audition only.

Students will acquire skills in reading music notation and in vocal production. Through singing, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing, and performing music from across the historical spectrum. Through written and oral analysis of texts and music being performed, students will connect and apply analytic skills learned in other courses. Through participation in concerts and festivals, singers will respond to and assess the technical and aesthetic aspects of choral performance. By working with varied instrumental ensembles in concert and by working with guest conductors and vocal specialists, students will gain an understanding of the choral art in relation to other performance disciplines and will develop an awareness of the various facets of the music profession.

Upon completion of the course, each student is expected to:

1. Read music notation in treble and bass clefs.
2. Read complex rhythmic notation accurately.
3. Demonstrate knowledge of terminology pertinent to the performance of choral music.
4. Demonstrate appropriate singing technique in a variety of styles.
5. Demonstrate appropriate rehearsal discipline and performance skills.



CHORALE (Continued)

Assessments will include:

- Written and oral tests on vocal and music terminology.
- Written and oral critiques by choral festival judges.
- Public performance.

§ - Students are expected to attend all rehearsals and performances of the IHS CHORALE.

§IRVINE SINGERS A/B

Audition Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

Irvine Singers is a mixed singing ensemble that specializes in the performance of challenging literature of diverse genre. Membership is by audition only.

Students will acquire skills in reading music notation and in vocal production. Through singing, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing, and performing music from across the historical spectrum. Through written and oral analysis of texts and music being performed, students will connect and apply analytic skills learned in other courses. Through participation in concerts and festivals, singers will respond to and assess the technical and aesthetic aspects of choral performance. By working with varied instrumental ensembles in concert and by working with guest conductors and vocal specialists, students will gain an understanding of the choral art in relation to other performance disciplines and will develop an awareness of the various facets of the music profession.

Upon completion of the course, each student is expected to:

1. Read music notation in treble and bass clefs.
2. Read basic rhythmic notation accurately.
3. Demonstrate knowledge of terminology pertinent to the performance of choral music.
4. Demonstrate appropriate singing technique in a variety of styles.
5. Demonstrate appropriate rehearsal discipline and performance skills.

Assessments will include:

- Written and oral tests on vocal and music terminology.
- Written and oral critiques by choral festival judges.
- Public performance.

Students are expected to attend all rehearsals and performances of the IRVINE SINGERS.

***§CONCERT BAND A/B**

Appropriate Skill Level Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

Concert Band is a performing ensemble that studies medium-easy to medium grade level music. Students will study basic theory and vocabulary used in concert literature. During the learning process, students will discover the historical concepts for various styles of wind music. Students will understand and demonstrate music as a way to create and communicate meaning and emotion. They will identify and demonstrate listening skills, and analyze group and individual performances using appropriate musical language and pedagogical skills related to their chosen instruments. Guest clinicians and conductors will be used throughout the course to extend the students' knowledge of instrument skills and music literature. Students will develop fundamental artistic and aesthetic understanding by writing critiques of live music concerts. Communication and interpretation skills will be used by the students while producing and performing in their own concerts, which may include collaboration with other arts disciplines.

§ = Students will be expected to spend additional hours beyond the regular class time.

CONCERT BAND (Continued)

Upon completion of this course, students will be able to:

1. Decode musical notation.
2. Demonstrate the use of basic music vocabulary and terminology.
3. Show aesthetic valuing with written critiques of live music rehearsals and performances.
4. Through rehearsal and performance settings, students will develop the ability to read and synthesize musical notation and terminology from various classical periods and popular forms of music.
5. Demonstrate well-developed rehearsal and performance skills.
6. Play expressively, with appropriate dynamics, phrasing, and interpretation.

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.
- Music Software

Instructional Materials:

- Sheet Music
- CD's & MP3's
- Videos
- Reference Texts and Internet
- Music Software

§SYMPHONIC BAND A/B

Audition Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

Symphonic Band is a performing ensemble that studies level 3-5 music literature. Students will study intermediate theory and vocabulary used in concert literature. During the learning process, students will discover the historical concepts for various styles of wind music. Students will understand and demonstrate music as a way to create and communicate meaning and emotion. They will identify and demonstrate listening skills, and analyze group and individual performances using appropriate musical language and pedagogical skills related to their chosen instruments. Guest clinicians and conductors will be used throughout the course to extend the students' knowledge of instrument skills and music literature. Students will develop fundamental artistic and aesthetic understanding by writing critiques of live music concerts. Communication and interpretation skills will be used by the students while producing and performing in their own concerts, which may include collaboration with other arts disciplines.

Upon completion of this course, students will be able to:

1. Decode musical notation.
2. Demonstrate the use of intermediate music vocabulary and terminology.
3. Show aesthetic valuing with written critiques of live music rehearsals and performances.
4. Through rehearsal and performance settings, students will develop the ability to read and synthesize musical notation and terminology from various classical periods and popular forms of music.
5. Demonstrate well-developed rehearsal and performance skills.
6. Play expressively, with appropriate dynamics, phrasing, and interpretation.

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.
- Music software

Instructional Materials:

- Sheet Music
- Reference Texts
- CD's
- Music Software
- Videos

§WIND SYMPHONY A/B

Audition and Marching Band Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

Wind Symphony is an advanced performing ensemble that studies medium, medium-advanced and advanced music literature. Students will study advanced theory and vocabulary used in concert literature. During the learning process, students will discover the historical concepts for various styles of wind music. Students will understand and demonstrate music as a way to create and communicate meaning and emotion. They will identify and demonstrate listening skills, and analyze group and individual performances using appropriate musical language and pedagogical skills related to their chosen instruments. Guest clinicians and conductors will be used throughout the course to extend the students' knowledge of instrument skills and music literature as well as develop an awareness of the various facets of the music profession. Students will develop fundamental artistic and aesthetic understanding by writing critiques of live music concerts. Communication and interpretation skills will be used by the students while producing and performing in their own concerts, which may include collaboration with other arts disciplines

Upon completion of this course, students will be able to:

1. Decode musical notation.
2. Demonstrate the use of advanced music vocabulary and terminology.
3. Show aesthetic valuing with written critiques of live music rehearsals and performances.
4. Through rehearsal and performance settings students will develop the ability to read and synthesize musical notation and terminology from various classical periods and popular forms of music.
5. Demonstrate well-developed rehearsal and performance skills.
6. Play expressively, with appropriate dynamics, phrasing, and interpretation.

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.

Instructional Materials:

- Sheet Music
- CD's & MP3's
- Videos
- Reference Texts
- Music Software

***§JAZZ ENSEMBLE 1A/1B**

Audition Required; Must Be Enrolled in Marching Band

Credit: 7.5 units

Format: 1.5 semesters; zero period daily

Level of Difficulty: CP, D

Jazz Ensemble I concentrates on the study and performance of jazz styles which include swing, blues, Latin, and funk. The student will be introduced to the art of jazz improvisation. Credit for this class is awarded on the basis of participation at rehearsals, concerts, and festivals, in addition to the instructor's evaluation of the student's performance ability. This ensemble performs at assemblies, concerts, sporting events, and festivals. Upon completion of the course, the student will be able to:

1. Perform music in swing, blues, Latin, and jazz-rock-funk styles.
2. Demonstrate jazz solo skills.
3. Perform at rallies, assemblies, concerts, and jazz festivals.
4. Perform at home basketball games.

§JAZZ ENSEMBLE 2A/2B

Audition required; Must Be Enrolled in Marching Band

Credit: 7.5 units

Format: 1.5 semesters; zero period daily

Level of Difficulty: CP

Jazz Ensemble II concentrates on the study and performance through the many styles of jazz music. This ensemble performs at assemblies, concerts, sporting events, and festivals. Upon completion of the course, the student will be able to:

1. Perform music in swing and jazz-rock styles.
2. Demonstrate jazz solo skills.
3. Perform at rallies, assemblies, concerts, and jazz festivals.
4. Perform at home basketball games.

§ = Students will be expected to spend additional hours beyond the regular class time.

§MARCHING BAND

Appropriate Skill Level Required

Credit: 2.5 units

Format: zero period daily; offered fall (1st nine weeks)

Level of Difficulty: NC

This class is open to all students interested in participation in a Marching Band which will perform at football games and parades. Credit for this class is awarded on the basis of participation at rehearsals and performances, in addition to the instructor's evaluation of the students' performance ability. Upon completion of the course, the student will be able to:

1. Coordinate marching and playing skills at the same time.
2. Memorize and execute precision marching drill.
3. Participate in half-time shows, parades, and field tournaments.

Students in this class should enroll concurrently in Concert Band, Symphonic Band, Wind Symphony, Philharmonic Orchestra, Concert Orchestra, OR Symphonic Orchestra. Credit for Marching Band may be applied to the P.E. requirement; however, 9th graders must enroll in P.E. concurrently with Marching Band.

§PERCUSSION ENSEMBLE A/B

Appropriate Skill Level Required

Credit: 5 units

Format: 1 year alt. block

Level of Difficulty: CP

Percussion Ensemble is a performing ensemble that studies class medium-easy, medium and medium-advanced grade level music literature. Students will study advanced theory and vocabulary used in concert literature. During the learning process, students will discover the historical concepts for various styles of wind and percussion music. Students will understand and demonstrate music as a way to create and communicate meaning and emotion. They will identify and demonstrate listening skills, and analyze group and individual performances using appropriate musical language and pedagogical skills related to their chosen instruments. Guest clinicians and conductors will be used throughout the course to extend the students' knowledge of instrument skills and music literature. Students will develop fundamental artistic and aesthetic understanding by writing critiques of live music concerts. Communication and interpretation skills will be used by the students while producing and performing in their own concerts, which will include collaboration with other arts disciplines.

Upon completion of this course, students will be able to:

1. Decode musical notation.
2. Demonstrate the use of advanced music vocabulary and terminology.
3. Show aesthetic valuing with written critiques of live music rehearsals and performances.
4. Through rehearsal and performance settings students will develop the ability to read and synthesize musical notation and terminology from various classical periods and popular forms of music.
5. Demonstrate well-developed rehearsal and performance skills.
6. Play expressively, with appropriate dynamics, phrasing, and interpretation.

PERCUSSION ENSEMBLE A/B (Continued)

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.

Instructional Materials:

- Sheet Music
- CD's
- Videos
- Reference Texts
- Music Software

***§CONCERT ORCHESTRA A/B**

Prior experience required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

Concert Orchestra is the entry level orchestra for all orchestra students. Students have the option to audition for Symphonic or Philharmonic Orchestra in June for the following school year.

Concert Orchestra studies music literature from the baroque, classic, renaissance, romantic and modern periods. Basic string playing practices are reviewed in this class and built upon.

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.

Instructional Materials:

- Sheet Music
- CD's
- Videos
- Reference Texts
- Music Software

***§PHILHARMONIC ORCHESTRA A/B**

Teacher Approval and Audition Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

Philharmonic Orchestra is an advanced performing ensemble that studies class level 4-6 music literature. Students will study advanced theory and vocabulary used in concert literature. During the learning process, students will discover the historical concepts for various styles and periods of orchestra music. Students will understand and demonstrate music as a way to create and communicate meaning and emotion. They will identify and demonstrate listening skills, and analyze group and individual performances using appropriate musical language and pedagogical skills related to their chosen instrument. Guest clinicians and conductors will be used throughout the course to extend the students' knowledge of instrument skills and music literature as well as develop an awareness of the various facets of the music profession. Students will develop fundamental artistic and aesthetic understanding by writing critiques of live music concerts. Communication and interpretation skills will be used by the students while producing and performing in their own concerts, which may include collaboration with other arts disciplines.

§ = Students will be expected to spend additional hours beyond the regular class time.

PHILHARMONIC ORCHESTRA A/B (Continued)

Upon completion of this course, students will be able to:

- Decode musical notation.
- Demonstrate the use of advanced music vocabulary and terminology.
- Show aesthetic valuing with written critiques of live music rehearsals and performances.
- Through rehearsal and performance settings, students will develop the ability to read and synthesize musical notation and terminology from various classical periods and popular forms of music.
- Demonstrate well-developed rehearsal and performance skills.
- Play expressively, with appropriate dynamics, phrasing, and interpretation.

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.

Instructional Materials:

- Sheet music
- CD's and recordings
- Videos
- Reference texts
- Music Software

§SYMPHONIC ORCHESTRA A/B

Audition or Teacher Recommendation Required

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, M

Symphonic Orchestra is an intermediate to advanced performing ensemble that studies medium-easy, medium and medium-advanced grade level music literature. Students will study theory and vocabulary used in concert literature. During the learning process, students will discover the historical concepts for various styles and periods of orchestra music. Students will understand and demonstrate music as a way to create and communicate meaning and emotion. They will identify and demonstrate listening skills, and analyze group and individual performances using appropriate musical language and pedagogical skills related to their chosen instrument. Guest clinicians and conductors will be used throughout the course to extend the students' knowledge of instrument skills and music literature as well as develop an awareness of the various facets of the music profession. Students will develop fundamental artistic and aesthetic understanding by writing critiques of live music concerts. Communication and interpretation skills will be used by the students while producing and performing in their own concerts, which may include collaboration with other arts disciplines.

Upon completion of this course, students will be able to:

- Decode musical notation.
- Demonstrate the use of advanced music vocabulary and terminology.
- Show aesthetic valuing with written critiques of live music rehearsals and performances.
- Through rehearsal and performance settings, students will develop the ability to read and synthesize musical notation and terminology from various classical periods and popular forms of music.
- Demonstrate well-developed rehearsal and performance skills.
- Play expressively, with appropriate dynamics, phrasing, and interpretation.

Assessment Techniques:

- Written exams on music terminology and theory.
- Written and oral critiques of professional and amateur music concerts.
- Public performances and music festivals.
- Small ensemble and individual assessments.

Instructional Materials:

- Sheet music
- CD's and recordings
- Videos
- Reference texts
- Music Software

MUSIC-INDEPENDENT STUDY

Instructor Approval Required

Credit: Variable

Format: 1 year alt. block

Level of Difficulty: NC

Independent Study is designed to allow students to pursue learning goals which interest them, but which are NOT part of the regular course offerings. Prior to registration, the student and his supervising teacher complete a formal agreement using the Request for Independent Study Credit form. The contract will specify the objectives of the activity, the resources required to accomplish the objectives, and a plan for evaluation of the work. Such projects require approval of the supervising teacher, the teacher advisor, department coordinator, parent and principal. The forms are available from Counselors or department coordinators.

GUITAR 1 F/S

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

GUITAR presents instruction in classical and folk guitar techniques. Students will acquire skills in reading music notation and guitar tablature. Through practice and performance, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing and performing music from across the historical spectrum. Through analysis of recorded and live performances, students will respond to and assess the technical and aesthetic aspects of guitar performance. By working with clinicians and guest artists, students will gain an understanding of performance discipline and will develop an awareness of the various facets of the music profession.

Upon completion of the class, the student will be able to:

1. Read notation on all strings in first position.
2. Know 8 basic I-IV-V7 progressions.
3. Perform competently as a soloist and as a member of an ensemble.
4. Display knowledge of musical terminology.
5. Demonstrate performance in major and minor keys.

Assessments will include:

1. Oral and written tests on music and guitar terminology.
2. Oral and written critique by peers and by faculty.
3. Public performance.

GUITAR 2 F/S

Recommended Placement: Guitar 1 F/S with a grade of A or B and/or Teacher Rec.

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

GUITAR 2 builds on all of the skills developed in Guitar 1 and adds to its knowledge of blues basics, barre chords, fingerpicking, 5th position and tablature recognition.

Upon completion of the class, the student will be able to:

1. Demonstrate all of the skills taught in GUITAR
2. Create a basic blues solo.
3. Know how barre chords work.
4. Play a basic 5th position scale.
5. Play a solo finger picking piece.

Assessments will include:

1. Oral and written tests on music and guitar terminology.
2. Oral and written critique by peers and by faculty.
3. Public performance.

PIANO S

Credits: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

Students enrolled in PIANO will acquire skills in reading music notation and proper piano technique. Through practice and performance, students will express themselves creatively. During the course of the year, students will gain historical and cultural perspective by studying, analyzing and performing music from across the historical spectrum. Through analysis of recorded and live performances, students will respond to and assess the technical and aesthetic aspects of piano performance. By working with clinicians and guest artists, students will gain an understanding of performance discipline and will develop an awareness of the various facets of the music profession.

Upon completion of the class, the student will be able to:

1. Demonstrate the ability to sight-read.
2. Perform competently as a soloist.
3. Display knowledge of musical terminology.
4. Demonstrate performance in major and minor keys.

Assessments will include:

- Oral and written tests on music terminology.
- Oral and written critique by peers and by faculty.
- Music software.

§ MUSIC THEORY

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

Music Theory is open to all students. It is recommended for sophomores and/or juniors who plan to enroll in Advanced Placement Music Theory. However, it is also for those wishing to simply acquire a broader understanding of music. Upon completion of the course, the student will be able to:

1. Demonstrate fluency with all major and minor scales.
2. Demonstrate ability to perform difficult rhythmic passages.
3. Demonstrate understanding of intervals.
4. Analyze a harmonic passage of medium difficulty.
5. Write two-part melodies from dictation.

§ ADVANCED PLACEMENT MUSIC THEORY A/B

Student needs teacher recommendation.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

Designed for student musicians with advanced skills and strong interest in music, this course prepares students for the Advanced Placement Examination. The course integrates aspects of melody, harmony, texture, rhythm, form, and to some extent, history and style. Ability to read and write basic music notation is required.

Because of the abundance of collegiate and professional musical performances in the area, students will be expected to attend many concerts and provide written evaluations of those performances.

Upon completion of the course, the student will be able to:

1. Earn college credit for Freshman Music Theory by passing the Advanced Placement Test.
2. Demonstrate speed and fluency in working with basic musical notation.
3. Demonstrate skill in melodic, harmonic and rhythmic dictation.
4. Demonstrate ability to sight-sing four to eight measure melodies in major and minor tonalities.
5. Demonstrate appropriate compositional and analytical skills, and
6. Demonstrate awareness of major stylistic periods in music history.

DANCE TECH 1 F/S

Credits: 5 units per semester

Grade Level: 9-12

Format: 1 semester alt. block

Level of Difficulty: NC

Dance Tech 1 is the beginning study of dance as a theatrical art form. Students will study basic dance techniques and vocabulary used in choreography, jazz, ballet, tap, and modern dance. Students will study the history of different dance styles and choreography.

Students will study improvisation and basic choreography theory by developing dance projects. Students will be involved in critical thinking and problem solving when utilizing choreography elements to create a dance. Students will develop fundamental artistic and aesthetic understanding when writing critiques on live dance concerts and dance video. They will analyze the use of costumes, lighting and choreography. Students will perform a group piece in the spring concert.

This class is counted as physical education credit. This course does not replace Freshman PE. Freshmen taking this course must also be enrolled in Freshman PE or a team sport.

§ DANCE TECH 2 A/B

Credits: 5 units per semester

Audition Required

Grade Level: 9-12

Format: 1 year alt. block

Level of Difficulty: CP, M

Dance Tech 2 is the continued study of dance as an art form. Students will study intermediate dance techniques and vocabulary used in jazz, ballet, tap, modern dance and choreography. Students will be involved in the development and/or performance of a group dance piece to be performed in the dance concerts. Students will identify and demonstrate movement elements and skills, and the understanding of choreographic principles, processes, and structures. The theory of choreography will be taught through the use of theme and variation, unity and rhythmic organization, and improvisation.

This class may be counted as either physical education credit or visual arts credit. This course can replace Freshman PE.

***DANCE TECH 3 A/B**

Credits: 5 units per semester

Audition Required

Grade Level: 9-12

Format: 1 year alt block

Level of Difficulty: CP, M

Dance Tech 3 is the continued study of dance as an art form. Students will continue to focus on technique, vocabulary, and dance history in jazz, ballet, modern, tap, and choreography. Students will r to explore choreographic skills, principles, and processes. Students will focus on several choreographic projects including a student choreographed showcase. Selected choreographic pieces will be performed in the dance concerts. Students will make critical assessments of dances through in class practice as well as dance concerts through critique assignments. Students are required to perform in dance concerts to demonstrate successful completion of the course. This class may be counted as either physical education credit or visual arts credit. This course can replace Freshman PE.

DANCE TECH 4 A/B

Credits: 5 units per semester

Audition Required

Grade Level: 9-12

Format: 1 year alt block

Level of Difficulty: CP, D

Dance Tech 4 is the continued study of dance as an art form. Students will continue to reach for mastery in technique. Dance history and vocabulary is further refined. Students will focus on several choreographic projects including a student choreographed showcase. Selected choreographic pieces will be performed in the dance concerts. Students will continue to critique and explore the assessment of dance. Students will take more of a leadership role in teaching dance to others. Students are required to perform in dance concerts and showcases to demonstrate successful completion of the course. This class may be counted as either physical education credit or visual arts credit. This course can replace Freshman PE.

§ IHS DANCE ENSEMBLE A/B (COMPANY)

Credits: 5 per semester

Audition Required

Grade Level: 9-12

Length: 1 year alt. block (may not enter at semester)

Level of Difficulty: CP, D

This class is devoted to the development of the choreography for various dance performances throughout the year. The class will also be involved in rehearsals for the development of a complete dance concert. This will include developing individual and group dances, coordinating costumes, and designing special effects needed to highlight the production. This class will also provide a continuing education in the areas of dance technique and choreography theory. This class may be counted as either physical education credit or visual arts credit.

CREATIVE DRAMA F

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

This course is an introduction to the study and practice of Drama and is intended to build the confidence and composure needed for a live stage performance. No previous acting experience is required. In this class, students will learn proper vocal technique for live stage performance, the terminology of theatre, the process of preparing for a performance, and how to write a play performance critique. Performances will include both individual and duo or group assignments. All performances for this class take place in the classroom, not for the general public.

CREATIVE DRAMA S

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

This course is a continuation of Creative Drama F, and the skills learned in the previous course are fundamental to success in the spring semester. All Creative Drama (S) students will perform in the Spring Theatre Arts Showcase for the general public. Students will engage in the entire theatre performance process, from auditions to script analysis, rehearsal, performance and reflection. In addition to preparations for the Spring Showcase, students will also study the history of Broadway and American Musical Theatre as well as audition techniques that will prepare them to audition for Intermediate and Advanced Drama, the fall play, the musical as well as community theatre or college admission.

§ INTERMEDIATE DRAMA A/B

Audition Required

Credit: 5 units per semester

Format: 1 year alt. block

Level of Difficulty: CP

This course will explore various acting techniques for both stage and screen. Students will learn to analyze a script and develop a character through research, observation, imagination and improvisation. Students will engage in many exercises that will develop the skills needed to create a believable character, and they will apply this to several performance projects including monologues and duo or group scenes. Students will also learn to write a meaningful play performance critique, as well as audition techniques applicable to on campus productions, community theatre and college admissions.

Intermediate Drama students are also eligible to participate in theatre festivals where students perform for adjudicators and compete with students from all over the Southern California region.

INTERMEDIATE DRAMA A/B (Continued)

This course also focuses on Children's Theatre through our annual production for local elementary schools. Intermediate Drama students develop a Children's Theatre production including writing the script, staging/choreography, costumes, props, etc. and travel the production to local schools for a special in-school assembly.

Intermediate Drama students all perform in the Spring Theatre Arts Showcase.

§ = Students will be expected to spend additional hours beyond the regular class time.

§ ADVANCED DRAMA A/B

Audition Required

Credit: 5 units per semester

Format: 1 year alt. block

Level of Difficulty: CP

The emphasis of Advanced Drama is fully realized theatrical productions through the application of skills learned in previous courses such as script analysis, acting technique and directing. Students will direct, produce, design and act in multiple productions throughout the year for performance for Irvine High students as well as the general public. Some rehearsal time outside of the class meeting time will be required. Students will also prepare monologues and/or scenes for entry in to adjudicated theatre festivals (minimum of 1 entry per semester).

§ = Students will be expected to spend additional hours beyond the regular class time.

§ TECHNICAL THEATRE

Credit: 5 units per semester

Format: 1 semester alt. block

Level of Difficulty: CP

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Arts, Media, and Entertainment and the Production and Managerial Arts- Tech Theater/Music Tech career pathway.

The Beginning Tech Theatre course is designed to teach students the skills and terminology of the various technical fields of live event and theatre production. Over the course of two semesters, the class will address the following fields:

- Set Design & Construction
- Scenic Painting
- Stage Management
- Lighting Design, Programming & Operation
- Costume Design & Construction
- Sound Design & Operation
- Publicity & House Management
- Prop Design and Construction



Some of these fields will be addressed as units of study including hands-on training, written assessments and authentic, project-based assessments. Other fields will be addressed through observation of experienced Irvine High students as well as industry professionals.

§ = Students will be expected to spend additional hours beyond the regular class time. Approximately 12 hours of extra-curricular time will be required each semester for observation and work experience.

§ ADVANCED TECHNICAL THEATRE

Interview/Work Sample Required

Credit: 5 units per semester

Format: 1 year alternating block

Level of Difficulty: CP, D

Advanced Technical Theatre students serve as designers and leaders of the production teams for the three major stage productions (fall play, musical, spring showcase). Students choose an area of specialty (lighting, sound, costumes, etc.) and create the designs for the production. Students will develop their skills through the execution of the full design process from script analysis to research, sketches, design pitches, budgeting, and drafting/building/programming to bringing designs to completion for a stage production. A high level of commitment and self-direction is required to ensure the success of the production. Time commitment outside of the class meeting time varies based on the demands of the student's chosen specialty. Those specialties requiring a significant number of hours in rehearsal and performance will earn the student additional credit in the Play Production course.

§ = Students will be expected to spend additional hours beyond the regular class time.

§ PLAY PRODUCTION

Audition or Interview Required; Director Approval Required

Credit: Variable

Format: Variable

Level of Difficulty: NC, D

Play Production forms the performing unit for the after-school plays and musicals presented at Irvine High School. This production class is intended for the student actors, stage crew, production managers, and box office personnel: all of whom are intensely involved with producing a theatrical show for public performance.

There will be at least one play or musical produced in each year. All participants must audition/interview with the director. Each student must also meet the "C" average grade requirement prior to the audition. Upon selection as an actor or member of the production crew, the student will automatically be enrolled in Play Production. *(Note: students will not pre-enroll prior to the audition date). All rehearsals and production duties will be held after school. A student will earn one unit of credit for each 36 hours of work completed. A maximum of five units may be earned in a semester.

Upon completion of the course, the student will be able to:

1. Demonstrate appropriate performance skills pertaining to acting techniques or production assignments.
2. Analyze and interpret the play script.
3. Produce a play/musical for public performance.

§ = Students will be expected to spend additional hours beyond the regular class time.

THEATRE - INDEPENDENT STUDY

Teacher Approval Required

Credit: Variable

Format: Variable

Level of Difficulty: NC, D

Independent Study is designed to allow students to pursue learning goals which interest them, but which are NOT part of the regular course offerings. Prior to registration, the student and his supervising teacher complete a formal agreement using the Request for Independent Study Credit form. The contract will specify the objectives of the activity, the resources required to accomplish the objectives, and a plan for evaluation of the work. Such projects require approval of the supervising teacher, the teacher advisor, department coordinator, parent and principal. The forms are available from Counselors or department coordinators.



PHYSICAL EDUCATION AND ATHLETICS



The high correlation between positive body image and positive self-image and between physical health and mental dexterity is well documented. Physical Education offers each student an opportunity to experience success, to demonstrate measurable progress at his own speed, to understand the function of major body systems, and to learn sound health practices. We seek a balance between the development of motor skills, and the development of skills in lifetime sports activities.

PHYSICAL EDUCATION POLICIES

Physical Education is required for all ninth grade students. All freshmen will be required to take Frosh PE for the entire year, except when they are scheduled into a semester team sport. A second year of P.E. is required before graduation (20 credits). In general, the Physical Education classes are one quarter in length. All courses are offered as variable credit, which is dependent on student participation.

The Physical Education staff recommends the broadest possible experiences within the elective program for each student. In any given semester period, a student may enroll in no more than 2 physical activity classes (as defined above). Team Sports, Pep Squad, Color Guard, and Marching Band may be taken for P.E. credit. However, freshmen participating in Marching Band, Dance Tech 1, or Dance Tech 2 must also enroll in a regular P.E. class.

Students participating in athletics should enroll in team sports period 4. Out-Of-Season Sports (OSS) is a 4th period class for athletes entering and exiting seasonal team sports. Non-athletes will not be scheduled into this class.

PHYSICAL EDUCATION

COURSE TITLE	ENTRY		PREREQUISITE	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
Frosh P.E.	x- - - -	x- - - -		NC	5, Var
Marching Band	x- - - -			NC	2.5
Dance Tech 1 F/S	x- - - -	x- - - -		NC	5, Var
Dance Tech 2 A/B	x- - - -	x- - - -	Audition	NC	5
Dance Tech 3 A/B	x- - - -	x- - - -	Audition	CP	10
Racquet Sports F/S	x- - - -	x- - - -		NC	5, Var
Volleyball F/S	x- - - -	x- - - -		NC	5, Var
Basketball F/S	x- - - -	x- - - -		NC	5, Var
Fitness & Strength F/S	x- - - -	x- - - -		NC	5, Var
Color Guard	x- - - -	x- - - -	Audition	NC	5, Var

FROSH PHYSICAL EDUCATION

All 9th graders, except those in team sports, will be enrolled in Frosh P.E. This class, in keeping with the California State Standards for physical education, will provide opportunities for freshmen to participate in a wide variety of individual and dual-sport activities which may include: racquet sports (tennis, badminton, and pickle ball), yoga, fitness, swimming, volleyball, basketball, and other alternate sport activities.

CALIFORNIA PHYSICAL FITNESS TEST

Every March, our students in grade nine will participate in the California Physical Fitness Test. This health-related fitness test is intended to help students acquire lifelong habits of regular physical activity. The fitness test includes activities for the six standards of fitness, including (1) aerobic capacity, (2) body composition, (3) abdominal strength and endurance, (4) trunk extension strength and flexibility, (5) upper body strength and endurance, and (6) flexibility. There are two or three options for most fitness areas so that all students, including those with special needs, have the maximum opportunity to participate. Two levels have been established to evaluate and report performance for each fitness area; (a) in the Healthy Fitness Zone and (b) needs improvement. The desired performance goal for each test option is the Healthy Fitness Zone, which represents a level of fitness that offers some protection against the diseases resulting from physical inactivity. Students must be in the Healthy Fitness Zone in at least five of the six standards. If a student does not meet the standard in five or more of the six standards, state law requires that student to be enrolled in a physical education course sophomore year until the student retakes the California Physical Fitness Test in the spring and meets the criteria.

ATHLETICS

COURSE TITLE	ENTRY		PREREQUISITE	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
*Team Sports — Fall			Approval of Coach	NC, D	10, Var
Boys Cross Country Q1	x- - - - -		Try-out, Non-Cut for 9 th graders		
Girls Cross Country Q1	x- - - - -		Try-out		
Girls' Golf	x- - - - -		Try-out		
Girls' Tennis	x- - - - -		Try-out		
Girls' Volleyball	x- - - - -		Try-out		
Boys' Water Polo	x- - - - -		Try-out		
Football	x- - - - -	x- - - - -	Try-out. Non-cut for 9 th graders		
Pep Squad	x- - - - -		Try-out		
*Team Sports — Winter			Approval of Coach	NC, D	10, Var
Boys' Basketball	x- - - - -	x- - - - -	Try-out		
Girls' Basketball	x- - - - -	x- - - - -	Try-out		
Boys' Soccer	x- - - - -		Try-out		
Girls' Soccer	x- - - - -	x- - - - -	Try-out		
Wrestling	x- - - - -	x- - - - -	Try-out. Non-cut for 9 th graders		
Girls' Water Polo	x- - - - -		Try-out		
Pep Squad	x- - - - -	x- - - - -	Try-out		
*Team Sports — Spring			Approval of Coach	NC, D	10, Var
Coed Track and Field		x- - - - -	Try-out		
Girls' Swimming		x- - - - -	Try-out		
Boys' Swimming		x- - - - -	Try-out		
Softball		x- - - - -	Try-out		
Baseball		x- - - - -	Try-out		
Boys' Golf		x- - - - -	Try-out		
Boys' Tennis		x- - - - -	Try-out		
Boys' Volleyball		x- - - - -	Try-out		
Boys' Lacrosse		x- - - - -	Try-out		
Girls' Lacrosse		x- - - - -	Try-out		
Pep Squad		x- - - - -	Try-out		



SCIENCE



The importance of science in modern living and the need for scientific literacy on the part of all citizens are widely accepted beliefs. The curriculum, therefore, is designed around multiple course offerings for students over a wide range of interests and abilities. Moreover, the curriculum reflects the educational demands for living in our scientific-technological-industrialized society as well as the human values of this age. We seek a balance among the traditional science disciplines, the personal use, the application of science and science as a means of solving current problems and shaping the future. The science courses are developed within the principles of mastery learning and are, therefore, organized by individual units with specific objectives. This philosophy helps create a science program that is well-organized and enjoyable for students with clear expectations. The courses labeled laboratory sciences are accepted by the U.C. system. The Advanced Placement courses are college level classes that receive bonus points towards the GPA. The courses labeled semester focus on the topics which fulfill the two years of science and graduation proficiency test requirements.

COURSE TITLE	ENTRY	RECOMMENDATION	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring		
<u>LIFE SCIENCE</u>				
Life Science	x- - - - -		Sophomore standing or higher Not available to students who have passed either semester of Biology	NC 5
Honors Next Gen Biology	x- - - - -		9 th Grade, teacher recommendation and a 90% or above in 8 th grade science or GeoPhysical Science if previously taken. 70% or above 1st semester is required for enrollment in 2nd semester honors	CP, D 10
Next Gen Biology A/B	x- - - - -		9 th Grade, teacher recommendation and a 70% or above in 8 th grade science or GeoPhysical Science if previously taken.	CP, M 10
Next Gen Biology A/B - Sheltered	x- - - - -		Approval of ELD Coordinator	CP, M 10
Anatomy and Physiology 1 A/B (every other year)	x- - - - -		A grade of 70% or above in Biology. Enrollment in 2nd semester requires credit in 1st semester.	CP, R 10
A.P. Biology A/B	x- - - - -		A grade of 90% or above in Biology (either semester) and a 80% or above the other semester; a grade of 80% or above BOTH semesters of Chemistry.	CP, R 10
<u>EARTH SCIENCE</u>				
Earthology	x- - - - -		Sophomore standing or higher Not available to students who have passed either semester of Geophysical Science.	NC 5
Earth Science Sheltered	x- - - - -		Approval of ELD Coordinator	NC 10
Geophysical Science A/B	x- - - - -		Math I A/B or higher highly Recommended; 70% or above 1 st semester to continue to 2 nd semester.	CP, M 10
AP Environmental Sci A/B	x- - - - -		A grade of 80% or above in all semesters of Biology & Chemistry	CP, R 10

SCIENCE *(continued)*

COURSE TITLE	ENTRY		RECOMMENDATION	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
<u>CHEMISTRY</u>					
Consumer Chemistry	x- - - - -		Sophomore standing or higher Not available to students who have passed either semester of Chemistry	NC	5
Chemistry A/B	x- - - - -		70% or above in Biology if previously taken; enrollment in 2 nd semester requires 70% or better in 1st semester. ELD 3 recommended if applicable. Concurrent enrollment in Math III highly recommended.	CP, D	10
A.P. Chemistry A/B	x- - - - -		Completion of Chemistry with an 90% or above both semesters	CP, R	10
<u>PHYSICS</u>					
Fundamentals of Physics	x- - - - -		Sophomore standing or higher Not available to students who have passed either semester of GeoPhys.	NC	5
Physics A/B	x- - - - -		Completion of Chemistry with 70% or above both semesters. Enrollment in 2 nd semester requires passing grade 1 st semester. Concurrent enrollment in Enhanced Math III or Math IV highly recommended	CP, D	10
AP Physics A/B	x- - - - -		Concurrent enrollment in Calculus	CP, R	10

RECOMMENDED SCIENCE SEQUENCE FOR HIGH SCHOOL GRADUATION

The graduation requirement is 20 credits in science (or 2 full years).

To meet the minimum graduation requirement in science, 10th – 12th grade students may take Life Science (semester), Consumer Chem.(semester), Earthology (semester), and Fundamentals of Physics (semester). Students who have completed one or more semesters in Biology with a passing grade may not subsequently enroll in Life Science. Students who have completed a semester or more in Chemistry with a passing grade may not subsequently enroll in Consumer Chemistry. Likewise, students who have completed one or more semesters of GeoPhysical Science with a passing grade may not subsequently enroll in Fundamentals of Physics or Earthology. A semester science course may, however, be taken for credit prior to enrollment in a college-prep science course once prerequisites are met.

RECOMMENDED COLLEGE PREPARATORY SCIENCE SEQUENCE

Students planning to major in science in college should follow the college preparatory sequence of courses for both science and math. Science majors include: the medical professions, biologists, chemists, physicists, and engineers.

The following courses are offered for students wishing to take advanced, year-long elective coursework in science:
A.P. Biology, A.P. Chemistry, AP Physics, AP Environmental Science, Anatomy and Physiology

COURSE OFFERINGS in SCIENCE:

LIFE SCIENCE
 Next Gen Biology
 A.P. Biology
 Life Science
 Anatomy & Physiology

CHEMICAL SCIENCE
 Chemistry
 A.P. Chemistry
 Consumer Chemistry

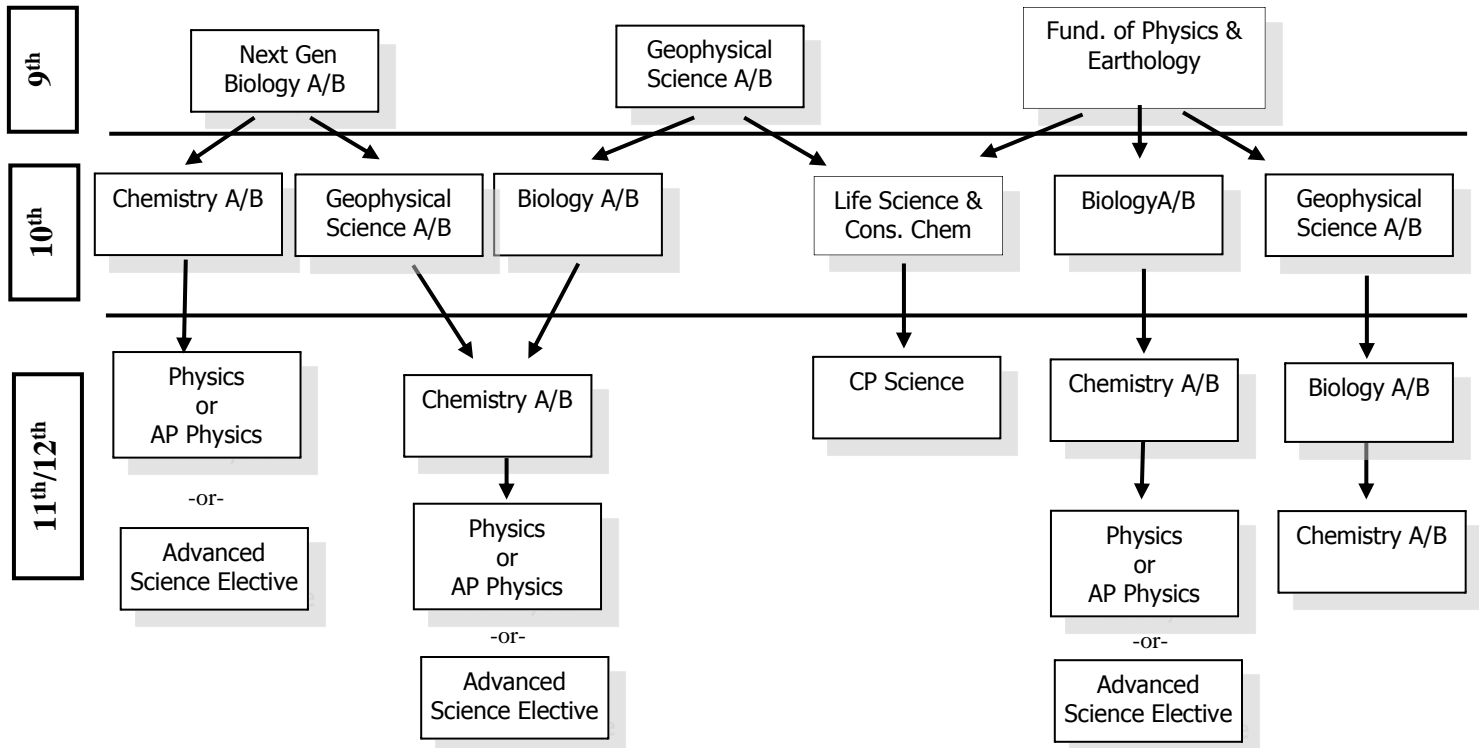
PHYSICAL SCIENCE
 Fundamentals of Physics
 Physics
 AP Physics

EARTH SCIENCE
 Earth Science Sheltered
 Earthology
 †Geophysical Science
 AP Environmental Science

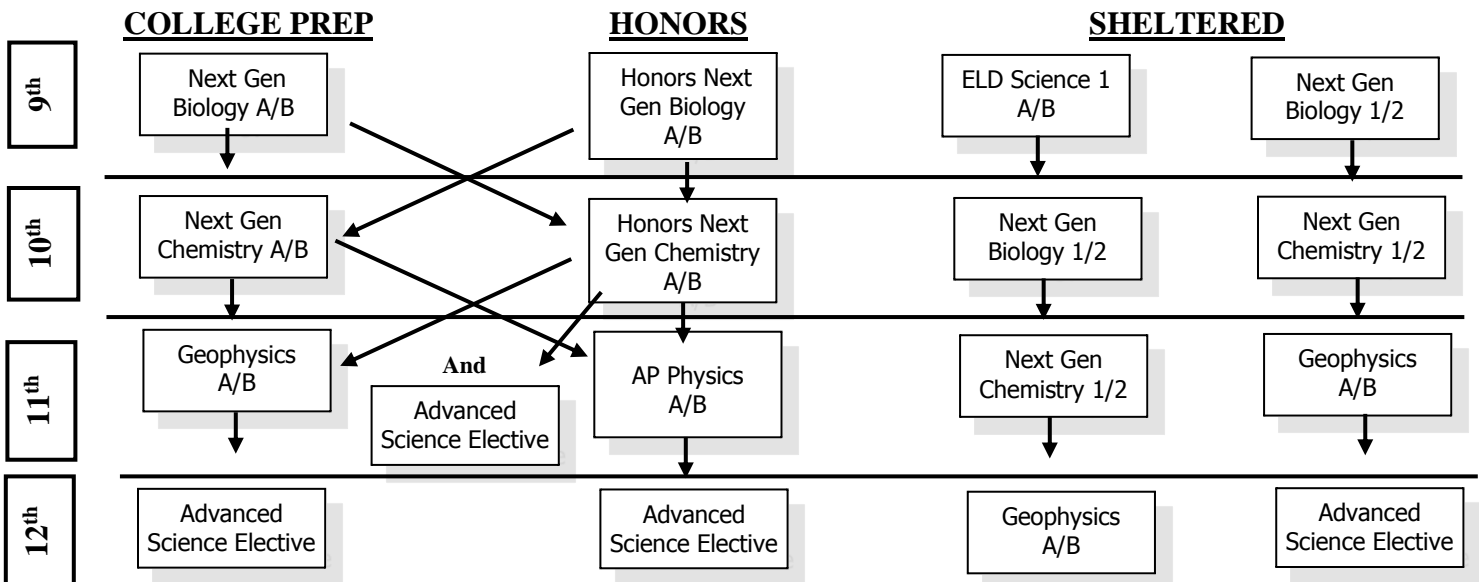
Prior to graduation, each student must complete two years of science (20 credits).

†Both UC and CSU accept Geophysical Science as a lab science.

PATHWAYS IN SCIENCE FOR 10TH – 12TH GRADE STUDENTS/ CLASSES OF 2019-2021:



PATHWAYS IN SCIENCE FOR INCOMING 9TH GRADE STUDENTS/ CLASS OF 2022:



NON-COLLEGE PREP SCIENCE CLASSES (10TH – 12TH grade students only)

LIFE SCIENCE

Recommended Placement: Sophomore standing or higher
Credit: 5 units
Format: 1 semester alt. block
Level of Difficulty: NC

Life Science is designed to give students experiences in the basics of biology. Students will learn how to apply the scientific Method, use microscopes, become familiar with both plant and animal cells, learn the phases of cellular division, study basic molecular genetics, understand the importance of both photosynthesis and cellular respiration, and study ecology and evolutionary biology. Life Science will use a lab manual to reinforce organization and act as an advanced organizer for future assignments. This course is not available to students who have passed either semester of Biology.

CONSUMER CHEMISTRY

Recommended Placement: Sophomore standing or higher
Credit: 5 units
Format: 1 semester alt. block
Level of Difficulty: NC

Chemistry is a science every person comes into contact with daily. This course is designed to familiarize the student with those points of daily contact. After an introduction to the basic principles in chemistry, topics include: measurement and conversion; matter and its properties, composition and changes; atomic theory; gas laws; acids and bases; chemistry in the home. This course is not available to students who have passed either semester of Chemistry.

FUNDAMENTALS OF PHYSICS:

Recommended Placement: Sophomore standing or higher
Credit: 5
Level of Difficulty: NC
Format: 1 Semester alt. block

Fundamentals of Physics is a science elective of medium difficulty that offers the students the opportunity to study, explore and learn the concepts of our physical world. The course content is presented with strict adherence to the California State Science Standards for grades nine through twelve.

This introductory science class is intended for freshmen who are not currently pursuing a college-bound track due to their math enrollment. It is a one-semester alternating block course which covers several topics in physics without the mathematical rigor which typically accompanies them. Consisting of lessons, videos, student projects and lab work, it provides a good foundation for subsequent physical science classes such as Earthology, Geophysical Science and Physics.

EARTHOLOGY:

Recommended Placement: Sophomore standing or higher
Credit: 5
Format: 1 Semester alt. block
Level of Difficulty: NC

Earthology is a one-semester, science elective course of medium difficulty that offers students the opportunity to study and explore concepts of Earth science. The course content is presented with strict adherence to the California State Science Standards for grades nine through twelve.

The material presented in this course will build upon the base of Earth science concepts students have acquired through science standards based instruction in elementary and middle school. The curriculum presented in the course will enable students to investigate and further their understanding of the laws, principles as well as the physical and chemical processes that formed the Earth and continue to operate on this planet. The course has been constructed to provide a learning environment in which all students may be successful. Instructors will review the material at a comfortable pace using visuals and demonstrations, which, along with lab activities, will make key concepts easy to understand. Units of study include the architecture of the Earth, mineral resources, astronomy and atmospheric science.

COLLEGE PREP SCIENCE CLASSES

GEOPHYSICAL SCIENCE A/B

Recommended Placement: Passing grade 1st semester to continue 2nd semester.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP (Meets CSU and UC Lab Science)

Geophysical Science is a one-year, college preparatory elective course of medium difficulty that offers students the opportunity to study fundamental principles of physics and earth science.

The material presented in this course will build upon the base of physics and Earth science concepts students have acquired through science standards based instruction in elementary and middle school. Geophysical Science will enable students to further their understanding of the laws, principles, and processes that govern the universe. The course has been engineered to provide a learning environment in which all students may be successful. Visuals and demonstrations are extensively used by instructors, which, along with lab activities, make key concepts easy to understand. Units of study include Newton's laws of motion, momentum, work and energy, thermodynamics, electricity and magnetism, sound and light, astronomy, architecture of the Earth, mineral resources and atmospheric science.

NEXT GENERATION BIOLOGY A/B

Recommended Placement: 9TH grade or a 70% or above in Geophysical Science if previously taken. ELD 3 if applicable.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, M

Next Gen Biology is a laboratory science class that is centered around biology, meets all the NGSS science topics, yet it incorporates other science disciplines when appropriate. Next Gen Biology will develop critical thinking skills necessary for science, essential science laboratory skills, an understanding of how models are used in science and scientific knowledge guided by the California High School NGSS Framework. Students will build upon previous experiences and use new experiences to explain phenomena of living organisms and relevant interactions with Earth. Next Gen Biology is arranged around four areas: Structure and Function of living things, Genetics, Evolution, and Ecology. Additionally, students will create laboratory reports, build models, and/or create projects integrating technology to form content skills.

HONORS NEXT GENERATION BIOLOGY A/B

Recommended Placement: 90% or above in 8th grade science with teacher recommendation or a 90% or above in Geophysical Science with teacher recommendation. A 70% or above 1st semester is required for enrollment 2nd semester.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

Honors Next Gen Biology is an advanced version of the Next Gen Biology course designed to challenge learners who have demonstrated aptitude in science, and are also genuinely interested in understanding the inner workings of the natural world. Honors level students have demonstrated strong reading, writing, and speaking. This course delves deeper into the scientific concepts than the college prep version, the content will be taught at a more accelerated rate, and labs and tests will include more in-depth questions and require comprehensive responses.

CHEMISTRY A/B

Recommended Placement: Enrollment in Math III or higher math level; a 70% or above in Biology if previously taken; enrollment in 2nd semester requires 70% or above in 1st semester; ELD 3 recommended if applicable

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

Chemistry is a full year college preparatory class. Chemistry deals with the characteristics of elements, the changes that take place when these elements combine to form other substances, and the laws of their behavior under various conditions. The course includes: scientific notation, dimensional analysis operations, kinetic molecular theory, the periodic table, the mole, atomic structure and theory, the periodic law, chemical bonding, qualitative and quantitative analysis, gas laws, kinetics, acid-base theories, and equilibrium.

PHYSICS A/B

Recommended Placement: Concurrent enrollment in Math IV or completion of Enhanced Math III. Completion of Chemistry with a 70% or above both semesters, 2nd semester enrollment requires credit in 1st semester.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, D

Physics is the study of matter and energy and how they interact. It is the culmination of several different subjects - math, chemistry, history, biology - and it can lead to the study of others - medicine, engineering, architecture, astrophysics, electronics, aerospace, computer design, music production, manufacturing, biomechanics, programming for video games, theater crafts & special effects, just to name a few. It is an appropriate class for all college majors. Students will be expected to spend additional hours beyond the regular class time.

ADVANCED COLLEGE PREP SCIENCE CLASSES

ANATOMY AND PHYSIOLOGY 1 A/B

Recommended Placement: 70% or above in Biology

Credit: 10 units per year

Format: 2 years alt. block

Level of Difficulty: CP, R

The course is designed to give students an understanding of the structure and function of the systems of the human body and their interrelationships. Human physiology systems will provide the basic framework from which students will learn about vital human life processes such as respiration, digestion, circulation, immune responses, and reproduction. The course has been structured to be lab based with many of the laboratory exercises simulating the work of various categories of health professionals. Laboratory activities include dissection of both comparative animal organs as well as the cat anatomy in its entirety. This course is specifically designed for students who have interests in the medical field, including veterinary medicine, as well as those students who desire a more advanced science course in preparation for college work. The course meets the University of California requirements for laboratory science. Students must pass first semester to enroll in second semester.

ADVANCED PLACEMENT BIOLOGY A/B

Recommended Placement: A grade of 90% or above in Biology (either semester) and an 80% or above the other semester; a grade of 80% or above in BOTH semesters of Chemistry.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

AP Biology is a second year Biology course, equivalent to the first semester of college biology. The course prepares students to take the Advanced Placement Biology Exam, through which college credits may be earned. The major content areas of the course are molecular and cellular biology, genetics, evolution, organism biology and population biology. **(Laboratory sessions will be held after school hours.)**

ADVANCED PLACEMENT CHEMISTRY A/B

Recommended Placement: Completion of Chemistry with a 90% or above both semesters

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

AP Chemistry is a second year Chemistry course, equivalent to the first semester of College Chemistry. The Advanced Placement Exam will be given in May for the students to earn college credits. Concepts introduced in Chemistry will be developed in greater detail in AP Chemistry. These include gas laws, stoichiometry, equilibrium, acids and bases, quantum theory, bonding, oxidation-reduction, thermodynamics, kinetics, and electrochemistry, organic chemistry and nuclear chemistry will also be explored. Laboratory sessions will be held after school hours.

(Laboratory sessions will be held after school hours.)

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE A/B

Recommended Placement: A grade of 80% or above in all semesters of Biology and Chemistry

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

AP Environmental Science is an advanced placement science course equivalent to the first semester of college environmental science/studies. The course prepares students to take the Advanced Placement Environmental Sciences Exam, through which college credits may be earned. The major content areas of the course are Earth's systems and resources, global change, energy resources and consumption, land and water use, and pollution. Upon completion of this course, students will better comprehend the intricacies of Earth's living and non-living dynamic processes and human impact upon them, as well as environmental legislation.

(Laboratory sessions will be held after school hours.)

ADVANCED PLACEMENT PHYSICS A/B

Recommended Placement: Concurrent enrollment in Calculus; a grade of 80% or above in all semesters of Chemistry.

Completion of Physics is strongly recommended.

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP,R

Physics is the study of matter and energy and how they interact. It is the culmination of several different subjects - math, chemistry, history, biology - and it can lead to the study of others - medicine, engineering, architecture, astrophysics, electronics, aerospace, computer design, music production, manufacturing, biomechanics, programming for video games, theater crafts & special effects, just to name a few. The completion of Physics prior to enrollment in AP Physics is strongly recommended. The concurrent enrollment in calculus permits students to cover a wider range of topics, and in more detail, than in standard physics. It is an appropriate class for students who plan to major in any physical science and is strongly recommended for those planning to major in Physics or Engineering.

The curriculum includes the following:

- Linear Kinematics (in all 3 dimensions)
- Newton's Laws
- Work, Energy, and Power
- Impulse and Momentum (collisions in 1D and 2D)
- Circular Kinematics
- Torque
- Rotational Inertia
- Static and Dynamic Equilibrium
- Fluids (static and dynamic)
- Simple Harmonic Motion, damping, and physical pendula
- Thermodynamics
- Waves (general, sound, light (including optics))
- Electrostatics
- Circuits (RC)
- Electricity & Magnetism (including electromagnetic induction)

(Laboratory sessions will be held after school hours.)



SOCIAL SCIENCE



“Ideas shape the course of history” (John Maynard Keynes). A social science education helps equip students to create, refine, and express their own ideas. Developing scholarship, decision-making skills, and a strong sense of citizenship are the primary goals in studying the social sciences. In addition, our curriculum reinforces and complements the Irvine High values of Integrity, Honor, and Social Responsibility.

Building from students’ prior learning experiences, the Social Science curriculum is vertically aligned to develop both content knowledge and academic skills in order to support and challenge students as they move through the department’s required and elective course offerings. Learning experiences and assessments are intended to improve critical thinking skills and the academic literacy skills of reading, writing, listening, speaking, with the goal of students demonstrating a deeper understanding of subject matter. The curriculum reflects coverage of a variety of personal, local, national, and international topics as well as a balanced examination of historical and current controversies.

COURSE TITLE	ENTRY		PLACEMENT	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
Behavioral Studies					
Adult Living	x- - - - -	x - - - - -	Jr./Sr. standing (Priority given to Seniors)	NC	5
Psychology	x- - - - -	x - - - - -	Jr./Sr. standing (Priority given to Seniors)	CP	5
American Studies					
American Political Economy	x- - - - -	x - - - - -	Senior requirement	CP	10
Advanced Placement American Government and Honors Economics	x- - - - -		Approval of AP Instructor, 3.5 GPA in Eng. and Soc. Sci.; completion of U.S. History	CP, R	10
Advanced Placement Macroeconomics	x- - - - -		Approval of AP Instructor, Jr or Sr. Standing 3.2 GPA in Soc Sci & Math	CP, R	5
U.S. History	x- - - - -	x - - - - -	Junior requirement	CP	10
Advanced Placement U.S. History	x- - - - -		Approval of AP Instructor; 3.5 GPA in Eng. and Soc. Sci.; Jr. standing	CP, R	10
World History					
Global Studies	x- - - - -	x- - - - -	Freshman elective	CP	5-10
Modern World History	x- - - - -	x - - - - -	Sophomore requirement	CP	10
H Modern World History	x- - - - -	x - - - - -	8 th Grade Teacher Rec. (Required to be eligible for AP European History)	CP, R	10
Advanced Placement European History	x- - - - -		Honors Modern World History; approval of AP instructor; 3.5 GPA in English and Social Science	CP, R	10
Honors Comparative Religions	x- - - - -	x - - - - -	Jr./Sr. standing; 3.5 GPA in Eng. and Soc. Sci.	CP, D	5

All college prep work must be passed with a grade of “C” or better for minimum UC/CSU eligibility.

SOCIAL SCIENCE

General Program Requirements

All students must complete 3 required courses (30 total credits) in Social Science to meet the State and IUSD graduation requirements:

- a) Modern World History (10 credits)
- b) United States History (10 credits)
- c) American Political Economy (10 credits)

For all students the World History requirement should be met by the end of the sophomore year. Students should complete the U.S. History requirement by the end of the junior year and American Political Economy should be taken in the student's senior year. Credit in each course is required for graduation.

	1st Semester (Elective)	or <i>and/or</i>	2nd Semester (Elective)
FRESHMEN	Honors Modern World History Global Studies F		Honors Modern World History Global Studies S

	1st Semester (Required Course)	or <i>plus</i>	2nd Semester (Required Course)
SOPHOMORES	Modern World History A.P. European History A		Modern World History A.P. European History B

	1st Semester (Required Course)	or <i>plus</i>	2nd Semester (Required Course)
JUNIORS	US History <i>or</i> AP US History A		US History AP US History B
	(Electives) Psychology Adult Living AP European History A AP Macroeconomics	or <i>plus</i>	(Electives) Psychology Adult Living AP European History B

	1st Semester (Required Course)	or <i>plus</i>	2nd Semester (Required Course)
SENIORS	American Political Economy <i>or</i> AP American Government A		American Political Economy AP American Government B
	(Electives) Psychology Adult Living AP European History A AP US History A AP Macroeconomics	or <i>plus</i>	(Electives) Psychology Adult Living AP European History B AP US History B

GLOBAL STUDIES

Freshman Students Only

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP

Global Studies is a course in basic social science skills organized around the themes of culture, geography and history. Through working with geographic concepts, the students will learn the basic skills necessary for success in later social science courses. Upon completion of the course students will be able to:

1. Analyze the challenges and opportunities of living in a multi-cultural world, including examination of cultural diversity issues.
2. Explore the historical, economic, social, and religious roots of contemporary world problems.
3. Identify the world's geographic areas and regions, both culturally and physically.
4. Read charts, graphs, and maps.
5. Find and use a variety of resources including forms of media, including traditional and technological. Ethical issues involved in researching will be emphasized.
6. Demonstrate critical thinking skills and content literacy through class work, a research paper, and presentations.

MODERN WORLD HISTORY

Sophomore requirement

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

Modern World History is a UC-approved, college-prep solid-block semester course. Students will study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They will trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They will also draw inferences from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students will develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. As part of this course, students will consider multiple accounts of events in order to understand international relations from a variety of perspectives.

Topics may include the following:

1. The moral and ethical principles in ancient Greek and Roman philosophy, in Judaism, and in Christianity to the development of Western political thought.
2. The Glorious Revolution of England, the American Revolution, and the French Revolution and their enduring effects worldwide on the political expectations for self-government and individual liberty.
3. The effects of the Industrial Revolution in England, France, Germany, Japan, and the United States.
4. The patterns of global change in the era of New Imperialism in at least two of the following regions or countries: Africa, Southeast Asia, China, India, Latin America, and the Philippines.
5. The causes and effects of the First World War.
6. The rise of totalitarian governments after World War I.
7. The causes and consequences of World War II.
8. The international developments in the post-World War II world.
9. Nation-building in the contemporary world in at least two of the following regions or countries: the Middle East, Africa, Mexico and other parts of Latin America, and China.
10. The integration of countries into the world economy and the information, technological, and communications revolutions (e.g., television, satellites, computers).



HONORS MODERN WORLD HISTORY

Placement based on Middle School Teacher Recommendation

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP, R

Honors Modern World History is a freshman elective course. This advanced course is a more challenging version of the course previously described. It includes more emphasis on writing and higher level thinking skills.

ADVANCED PLACEMENT EUROPEAN HISTORY

Recommended Placement: 3.5 GPA in Honors American Literature and Honors Modern World History courses as freshman, plus approval of AP Instructor & instructors of the above courses. Concurrent enrollment in Honors British Literature is strongly recommended. This course also requires students to successfully complete a reading and essay assignment during the summer prior to the beginning of the school year.

Credit: 10 units

Format: 1 year, alternating block

Level of difficulty: CP, R

The AP European History course is designed by the College Board to focus less on history content and more on students developing the critical thinking skills used by historians, with the goal of creating “apprentice historians” who are able to develop deeper understanding of critical developments in European history. Consequently, there is greater emphasis on analysis of primary and secondary documents and source materials. The course is designed to prepare students for the national Advanced Placement exam in May of each year.

The course will cover 4 historical periods: 1450-1648, 1648-1815, 1815-1914, and 1914 to the present. The course is also structured around the following themes in European history: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and the individual and society. Students are required to demonstrate the following historical thinking skills: chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation of synthesis.

UNITED STATES HISTORY

Junior requirement

Credit: 10 units

Format: 1 semester solid block

Level of Difficulty: CP

The purpose of U.S. History is to provide students a general background in American History with an emphasis on 20th Century events and developments. This course covers the following topics:

- Forging a New Nation, 1765-1900
- Roots of a Modern Nation, 1900-1920
- The “Roaring ‘20’s”
- Economic Crisis and New Deal, 1929-1941
- World War II, 1941-1945
- The Cold War, 1945-1990
- Equality and Social Reform 1954-1976
- The Vietnam Era, 1960-1976
- The New Conservatism, 1976-1990
- Conservation through 21st Century, 1990 - present

ADVANCED PLACEMENT UNITED STATES HISTORY

Recommended Placement: Approval of AP Instructor, 3.5 GPA in English & social science

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: CP, R

Advanced Placement U.S. History is intended to provide intensive study of American History from pre-colonial to recent times. This course is intended to meet the needs of students interested in advanced study and to provide preparation for the Advanced Placement test. Critical thinking, historical interpretation, and writing skills will be emphasized. Upon completion of the course, the student will be able to:

1. Read, interpret, and criticize historical works.
2. Identify assumptions which underlie various historical interpretations.
3. Analyze and discuss in writing significant themes in United States history.

ADVANCED PLACEMENT AMERICAN GOVERNMENT AND POLITICS/ HONORS ECONOMICS

Recommended Placement: Senior standing; completion of U.S. History; approval of AP instructor; 3.5 GPA in English & social science
Credit: 10
Format: 1 year alt. block
Level of Difficulty: CP, R

This course presents American Government subject matter that is representative of what a university freshman would typically experience in the Political Science discipline. This course will help students to develop their own political ideas and the skills necessary to participate in a democratic society. This course will also prepare students for the advanced placement exam in American Government and Politics. In addition, this course meets state requirements for Economics.

The following topics will be examined through various analytical perspectives, left, center, and right:

1. Democratic theory and how that theory applies to the current and past political environments.
2. The political process.
3. Linkage Institutions such as elections, political parties, special interest groups and the media.
4. The major policy making institutions of the national government.
5. Public policy-making.
6. Civil Rights and Civil Liberties

Students will also study economic theory and political economy. This study will focus on essential economic concepts while emphasizing the impact that economics and government have on each other. More specifically, students will see important connections between market events, our legal framework and our political system.

Activities that may be included in the course include:

1. Individual research and writing.
2. Collaborative research and writing.
3. Oral presentation in groups and as individuals.
4. Regular in-class discussions
5. Group debates on various topics.

AMERICAN POLITICAL ECONOMY

Senior requirement
Credit: 10 units
Format: 1 semester solid block
Level of Difficulty: CP

This is an integrated, college preparatory course which meets state and district requirements for the study of American Government and Economics. Students of this course will study the influence of governmental and legal institutions on markets and on individual economic decisions. By exposing them to the U.S. political economy, students will see important connections between market events, our legal framework and our political system.

Building from the historical context of two revolutions, the American and the Industrial Revolution, and two constitutions, The Articles of Confederation and the U.S. Constitution, this course examines the impact of politics on economic policy and, conversely, the impact of the economy on the political process. During this course students will explore the significance of our civil liberties and civil rights; they will examine several economic functions of the government, and will become familiar with several major American political ideologies.

Upon completion of the course, students will be able to:

1. Identify the political and economic values expressed in the Constitution.
2. Compare and contrast political and market solutions to collective problems.
3. Identify some political issues surrounding economic policy decisions.
4. Explain the differences between regulation and de-regulation, fiscal and monetary policy.
5. Identify the role corporations and labor play in the national and international political economy.
6. Identify how economics affects U.S. politics.
7. Discuss events, develop informed opinions, and ask questions about the political-economic issues underlying those events.
8. Comprehend how powerful political and economic forces affect their lives.
9. Demonstrate an understanding of our Constitutional limits on government, the separation of powers, our system of checks and balances, the protection of individual rights and civil liberties, and present a familiarity with major Federal Court cases from throughout our history.

AP MACROECONOMICS

Recommended Placement: Junior or senior standing; completion of World and US History; 3.2 GPA in Social Science and Math or teacher recommendation from previous social studies teacher.

Credit: 5 units

Format: 1 semester alternating block

Level of Difficulty: AP, R

AP Macroeconomics is a rigorous course designed to engage students in the most important concepts of Macroeconomics, similar to what a university freshman would experience in the Economics discipline. The purpose of this AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

HONORS COMPARATIVE RELIGIONS

Recommended Placement: JR/SR standing; priority given to seniors. Sophomores must have instructor approval.

Credit: 10 units

Format: 2 semester alt. block

Level of Difficulty: CP, D

This is a course with honors level curriculum that is available to all juniors and seniors. The course examines the most crucial elements of the world's major religions and philosophies. Upon completion of this course, the student will be able to:

1. Understand secularism and be able to describe the state of religion in America from First Amendment issues of religious expression to general attitudes and behavior in regards to religion in America and beyond.
2. Articulate various explanations for the existence of religion.
3. Demonstrate knowledge of the main philosophical tenants of Hinduism, Buddhism, Islam, Judaism and Christianity.
4. Recognize the common philosophical and spiritual threads present in these religions.
5. Identify the profound philosophical and spiritual differences between these religions.
6. Appreciate his or her own personal belief system.

PSYCHOLOGY

Recommended Placement: Jr./Sr. standing; priority given to Seniors

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

The purpose of this course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals while fostering development of essential skills for the twenty first century (reading, writing, research, presentation, and digital literacy). Surveying the major disciplines in Psychology in an engaging format, students will learn about the behavior of others and themselves through the following topics typically explored in a beginning Psychology course:

1. Origins of the Study of human behavior and mental processes
2. The methods through which human behavior and mental processes are examined
3. The influence of biology over human behavior and consciousness
4. Understanding of states of consciousness and altered states of consciousness (sleeping, dreaming, drug usage)
5. The impact of learning, memory, thinking, language, and intelligence on human behavior
6. The study of how people grow and change through infancy, adolescence, and adulthood
7. Theories of personality including motivation, emotions, and gender roles
8. Psychological disorders: anxiety disorders, dissociative disorders, mood disorders, personality disorders
9. Understanding of social psychology, including social cognition and social interaction

ADULT LIVING

Recommended Placement: Jr./Sr. standing; priority given to Seniors

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

Adult Living is rooted in Dave Ramsey's *Foundations in Personal Finance* curriculum. *Foundations in Personal Finance* meets the national standards developed and written by the JumpStart Coalition for Personal Financial Literacy. They are taught simple saving habits that can lead them to be financially independent and live debt free. The curriculum helps to enable students to confidently discuss money issues and plan for their own financial future.

In addition to the financial aspects of the course other topics that are covered include:

1. Goal Setting
2. Career Exploration
3. Resumes and Cover Letters
4. Professional Dress
5. Marital Responsibilities

Main Units:

1. Saving and Investing
 - Basic reasons to save money; compound interest; diversification; benefits of long and short term investing using tax-favored plans
2. Credit and Debt
 - Debunk the myths associated with debt and how to avoid it. Show how debt is marketed to young people. Consumer awareness; credit bureaus; collection practices.
3. Financial Responsibility and Money Management
 - Budgeting 101—creating and living on a written budget; bargain shopping; explore how men and women view money differently.
4. Insurance/Risk Management and Income/Careers
 - Career choices; taxes (personal and governmental); examine the many types of insurance and their purpose; real estate—buying, selling, and renting process, financing and costs associated with home ownership and renting.



VISUAL ARTS/ CAREER TECHNICAL ED.



Life can be enhanced through the acquisition of skills which are practical, and/or express creativity. Such skills may provide opportunities for employment, may save money through the ability to “do it yourself,” may provide constructive options for use of leisure time or may simply provide high degrees of personal satisfaction and fulfillment. Career Technical Education courses provide students the opportunity to explore career pathways in depth and allows them to develop industry level skills.

COURSE TITLE	ENTRY		RECOMMENDED PREREQUISITES	UNITS OF CREDIT
	Fall	Spring		
VISUAL ARTS				
Introduction to Art F/S	x- - - -	x- - - -	None	5 - 10
Painting and Drawing F/S	x- - - -	x- - - -	None	5 - 10
Advanced Painting and Drawing F/S	x- - - -	x- - - -	Two semesters of Painting & Drawing or Teacher Rec.	5 - 10
*Computer Graphics A/B	x- - - -	x- - - -	None	5 - 10
*Advanced Comp. Graphics F/S	x- - - -	x- - - -	Two semesters of Comp. Graphics	5 - 10
Ceramics F/S	x- - - -	x- - - -	None	5 - 10
Advanced Ceramics F/S	x- - - -	x- - - -	Two Semesters of Ceramics	5 - 10
Intro to Photojournalism	x- - - -	x- - - -	Freshmen or Sophomores only	5 – 10
*Visual Imagery F/S	x- - - -	x- - - -	None	5 – 10
*Adv. Vis. Imagery F/S	x- - - -	x- - - -	Two Semesters of Visual Imagery	5 -10
Art Independent Study	x- - - -	x- - - -	Teacher Rec.	Var
AP Art History A/B	x- - - -	- - - - -	Completion of AP European History and/or Teacher Rec.	10
AP Studio Art: Drawing A/B	x- - - -	- - - - -	Teacher Rec.	10
AP Studio Art: 2D Design A/B	x- - - -	- - - - -	Teacher Rec.	10
AP Studio Art: 3D Design A/B	x- - - -	- - - - -	Teacher Rec.	10
Yearbook A/B	x- - - -	- - - - -	Interview/Teacher Approval	10
*Animation F/S	x- - - -	x - - - -	None	5 – 10
*Video Production F/S	x- - - -	-x- - - - -	None	5-10
*Advanced Video/iTV	x- - - -	-x- - - - -	Passing grade in one sem each of Video Prod & Computer Graphics or two sem of Video Prod & completion of Film Ed Summer Workshop	5-10
Art of Film F/S	x- - - -	-x- - - - -	70% or better in Video Productions and teacher recommendation	5-10

Courses with a * are also CTE Courses.

All Visual Arts courses meet the Fine Arts/World Language graduation requirement.

Students entering the UC or CSU must satisfy the VPA requirement by completing two courses within the same discipline, Visual or Performing arts; i.e. Intro to Art and Beginning Ceramics or Creative Drama and Dance Tech 1.

- All Visual Arts courses are alternating block format.
- Students may begin and finish the F/S course in either semester.
- A/B courses must be taken in consecutive semesters.

CAREER TECHNICAL EDUCATION

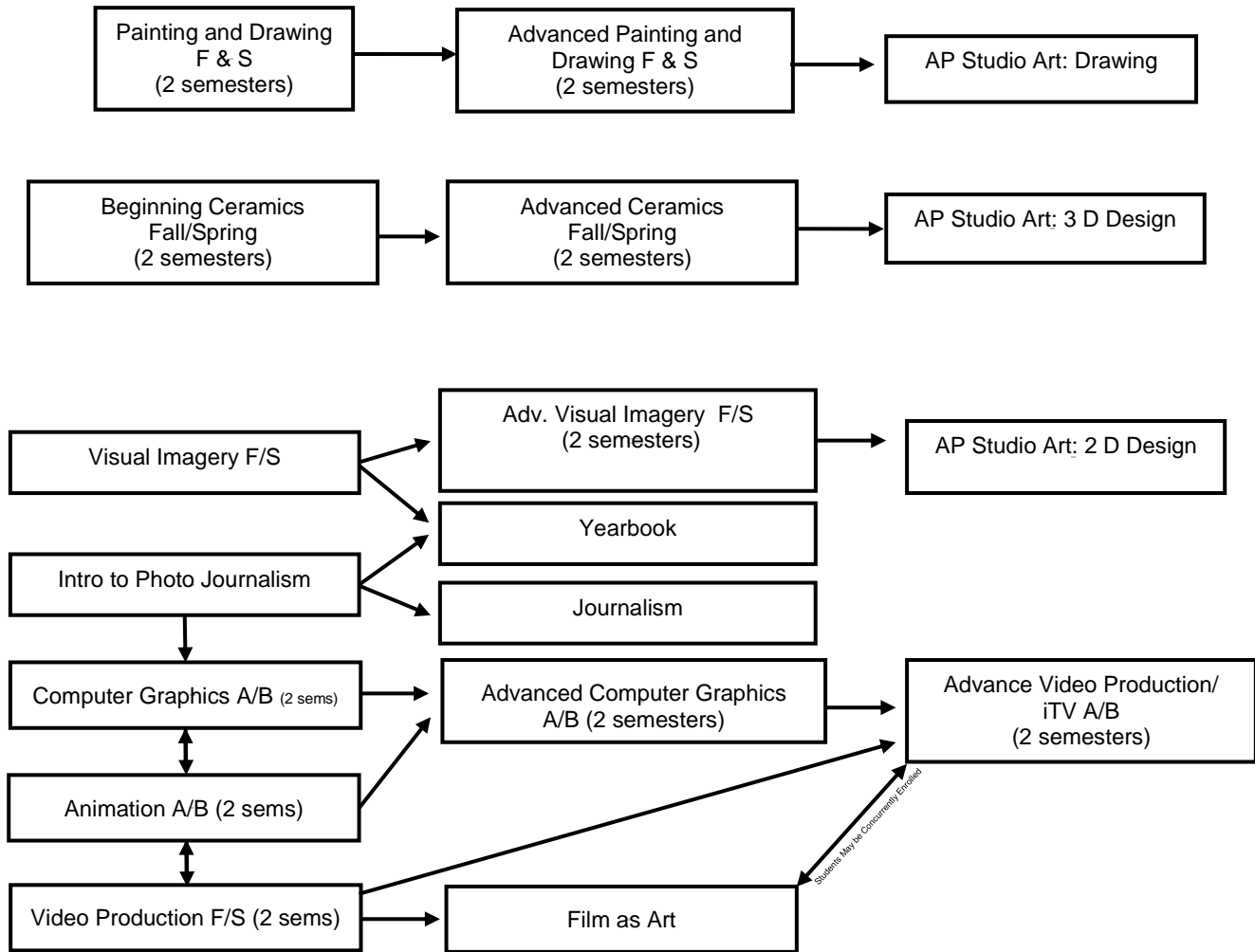
COURSE TITLE	ENTRY		RECOMMENDED PREREQUISITES	UNITS OF CREDIT
	Fall	Spring		
Keyboarding	x- - - - -	x- - - - -	None	5
Beginning Website Design	x- - - - -	x- - - - -	Keyboarding recommended	5
Intermediate Website Design	x- - - - -	x- - - - -	Beginning Website Design	5
Advanced Website Design	x- - - - -	x- - - - -	Website Design & Mgmt. (A & B)	5
Video Production F/S	x- - - - -	x- - - - -	None	5-10
Advanced Video/iTV	x- - - - -	x- - - - -	Passing grade in one sem each of Video Prod & Computer Graphics or two sem of Video Prod & Completion of Film Ed Summer Workshop	5-10
Career Exploration & Computer Applications	x- - - - -	x- - - - -	Keyboarding skills (25 wpm) recommended	5
Business Education Independent Study	x- - - - -	x- - - - -	Instructor Approval	5
Exploring Computer Science A/B	x- - - - -	x- - - - -	Completion of Math I	5-10
Computer Science (AP)	x- - - - -	x- - - - -	Math III or above w/ an 80% or above	10
Virtual Enterprise A/B	x- - - - -	x- - - - -	None	10
Introduction to Engineering Design A/B	x- - - - -	x- - - - -	None	10
Principles of Engineering A/B	x- - - - -	x- - - - -	Concurrent Enrollment in Math II or above	10
Aerospace Engineering A/B	x- - - - -	x- - - - -	Completion of Principles of Engineering w/ a 70% or above or member of CubeSAT	10
Automotive Technology MLR1 F/S	x- - - - -	x- - - - -	None	5-10
Automotive Technology MLR2 F/S	- - - - -	x- - - - -	Passing grades in Auto MLR 1	5-10
Advanced Auto A/B	x- - - - -	x- - - - -	Passing grades in Auto MLR 1 and 2	5-10
Tech Education Independent Study	x- - - - -	x- - - - -	Instructor Approval	Var

The above listed Career Technical Education classes satisfy the ‘G’ requirement.

Career Technical Education courses in the same category are a pathway. Students who complete two or more courses in the same area (e.g. – Auto, Engineering, Business) are pathway completers.

- All Career Technical Education courses are alternating block format.
- Students may begin and finish the F/S course in either semester.
- A/B courses must be taken in consecutive semesters.

VISUAL ARTS COURSE SEQUENCE POSSIBILITIES



INTRODUCTION TO ART F/S

Credit: 5 units per semester

Format: 1 semester each; alt. block

Level of Difficulty: CP

Introduction to Art is designed to introduce the basic art elements and principles as they apply to the four components of art education: Art History, Art Expression/Production, Aesthetic Analysis, and Art Criticism. Introduction to Art is intended to provide introductory experiences through the use of a variety of media and techniques that have been utilized by various cultures throughout history. These may include Drawing, Painting, Printmaking, Graphics, Ceramics, Sculpture, Design, Lettering, Handcrafts, Art History, and Art Appreciation. This class will also explore the many possible career choices in the field of art. Upon completion of the course, students will be able to:

1. Use the art elements and principles to produce works of art.
2. Develop aesthetic judgment.
3. Employ mathematical skills related to proportion and scale.
4. Employ organizational skills to complete a project on time.
5. Effectively collaborate with others on group projects.
6. Demonstrate complex thinking on a written final exam covering related vocabulary, terminology, and visual arts concepts.

PAINTING & DRAWING F/S

Credit: 5 units per semester

Format: 1 semester each; alt. block

Level of Difficulty: CP

This fundamental course is designed for students wishing to pursue their interest in painting and drawing. Students work with various media, develop skills with a variety of materials, tools and techniques. Experiences with graphite, charcoal, pen and ink, colored pencils, watercolor, tempera, are offered. Upon completion of the course, the student will have completed exercises in the following areas:

1. Principles of good composition
2. One- and two-pt. perspective
3. Drawings using gesture, contour and shading
4. Observational drawing practice
5. Contrast and Value studies
6. Color theory study
7. In class critiques of the work of their peers
8. Study and analysis of historical artwork

ADVANCED DRAWING and PAINTING A/B

(Meets G and F requirements for UC)

Recommended Placement: A passing grade for both semesters of Drawing and Painting. (*or teacher approval*)

Credit: 10 units

Level of Difficulty: CP, M

Format: 1 year alt or Semester

Course Description

An advanced course intended to give the student a variety of art experiences and develop personal expression and creativity. Students will expand on their knowledge of the application of the elements and principles of design while introducing students to various art media and techniques. Students work toward improving craftsmanship and building a portfolio of their study in art. The study of art history will continue through participation in lectures and discussion of fine art reproductions.

Course Objectives

The student will:

1. Express original ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.
2. Develop the skills necessary to work with a variety of art media in the development and completion of two-dimensional art projects. Additional emphasis will be on good craftsmanship, as verified by completed projects.
3. Develop a historical perspective in art by recognizing varying individual and cultural themes and styles, as verified by completed assignments.
4. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment.
5. Demonstrate understanding and use of vocabulary and terminology associated with art as verified by observation, assignments and tests.
6. Demonstrate safe and proper use and care of tools and materials, and equipment as verified by teacher observation.
7. Read instructional materials related to art, write and make mathematical computations necessary in assigned activities, as verified by projects.
8. Students will compare and contrast, evaluate, and discuss peers artwork in a critique format.
9. Participate and display original art work in the school art show.

AP Studio Art: Drawing A/B

(Meets G and F requirements for UC)

Recommended Placement: A passing grade for both semesters of Advanced Drawing and Painting. (*or teacher approval*). Students must submit an application and portfolio. 'C' or better required 1st semester to continue to 2nd semester.

Credit: 10 units

Level of Difficulty: CP, R

Format: 1 year alt or Semester

Course Description

This is an intensive drawing and painting course for students to work toward the development of a comprehensive portfolio which will demonstrate three major components: quality, concentration, and breadth. Portfolios are submitted to the college board in May. Students will expand on their knowledge of the application of the elements and principles of design while working with a variety of media, including pastel, pencil, acrylics, or watercolor. The study of art history will continue through participation in lectures and discussion of fine art reproductions. Discussions will also include conversations about aesthetic concepts and art criticism.

Course Objectives

The student will:

1. Express original ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.
2. Demonstrate advanced skills necessary to work independently with a variety of art media in the development and completion of two dimensional art projects. Additional emphasis will be on good craftsmanship, as verified by completed projects.
3. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment.
4. Read instructional materials related to art, write and make mathematical computations necessary in assigned activities, as verified by projects.
5. Participate and display original art work in the school art show.
6. Develop a portfolio suitable for submission to the College Board by the 1st week of May.
7. Photograph and digitally edit photos of personal artwork.

CERAMICS

Credit: 5 credits; Alternating Block

Level of Difficulty: CP, M

Course Description

A course intended to develop personal expression and creativity using the medium of ceramics. There is an emphasis on the application of the elements and principles of design. Students work toward learning techniques and improving craftsmanship and understanding of process through the completion of teacher guided projects. The study of art history will continue through participation in lectures and discussion of fine art reproductions.

Course Objectives

The student will:

1. Express original ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.
2. Develop the skills necessary to work with ceramic media in the development and completion of three-dimensional art projects. (Hand building, throwing on the potter's wheel, glazing) Additional emphasis will be on good craftsmanship, as verified by completed projects.
3. Develop a historical perspective in ceramics by investigating written materials; slides; videos; illustrations on individual styles; and cultural themes, as verified by completed written assignments and art projects.
4. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment, as verified by teacher observation.
5. Demonstrate understanding and use of vocabulary and terminology associated with ceramic art as verified by observation, assignments and tests.
6. Demonstrate safe and proper use and care of tools and materials, and equipment as verified by teacher observation.

7. Read instructional materials related to fine art ceramics, write and make simple mathematical computations necessary in assigned activities, as verified by projects.
8. Participate and display original art work in the school art show.

ADVANCED CERAMICS F/S

Recommended Placement: Two Semesters of Ceramics

Credit: 5 credits

Level of Difficulty: CP

Format: 1 semester, Alternating Block

Course Description:

Intended to improve skills and develop creative expression in both functional and nonfunctional ceramic projects. Students work toward learning/improving techniques, and craftsmanship. Students will develop an understanding of processes of both traditional and modern forms and techniques and make comparisons. The study of art history will continue through participation in lectures and discussion of fine art reproductions.

Course Objectives:

The student will:

1. Express original ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.
2. Improve the skills necessary to work with ceramic media in the development and completion of three-dimensional art projects. (Hand building, throwing on the potter's wheel, glazing and finishing techniques) Additional emphasis will be on good craftsmanship, as verified by completed projects.
3. Increase understanding of historical perspectives in ceramics by investigating written materials; slides; videos; illustrations on individual styles; and cultural themes as verified by completed written assignments and art projects.
4. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment, as verified by teacher observation.
5. Demonstrate understanding and use of vocabulary and terminology associated with ceramic art as verified by observation, assignments and tests.
6. Demonstrate safe and proper use and care of tools and materials, and equipment as verified by teacher observation.
7. Research and read instructional materials related to ceramics write and make simple mathematical computations necessary in assigned activities, as verified by projects.
8. Students are to gain a greater understanding of the firing process as verified by teacher observation and discussion.
9. Participate and display original art work in the school art show.

ADVANCED PLACEMENT 3D DESIGN

(Meets G and F requirements for UC)

Recommended Placement: A passing grade in two or more semesters of Ceramics and teacher approval.

Credit: 10 units

Level of Difficulty: CP, R

Format: 1 year alt.

Course Description:

This class is an intensive challenge to build a portfolio for submission to the College Board or to create a professional artist website. Students will use the internet to read instructions for a summer assignment and 12 breadth projects and 8 pieces on a theme of their own choosing. Students must be ready to working independently a sustainable amount of time. Students must be capable for asking for help, completing research, taking and applying criticism before entering the class. The AP 3D Design portfolio can include many different kinds of three dimensional works.

Course Objectives:

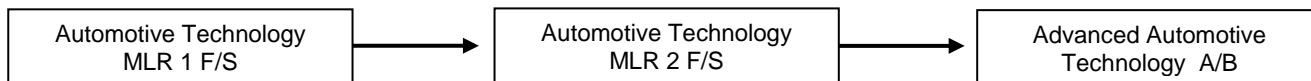
The student will:

1. Use the internet to read instructions for the summer assignment and 12 breadth projects.
2. Express original ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.

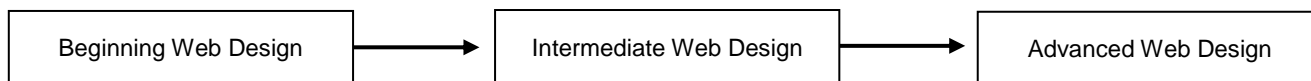
3. Use advance skills necessary to work independently with a variety of art media in the development and completion of two dimensional art projects. Additional emphasis will be on good craftsmanship, as verified by completed projects.
4. Develop a historical perspective in art by recognizing varying individual and cultural themes and styles, as verified by completed assignments.
5. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment, as verified by teacher observation.
6. Demonstrate understanding and use of vocabulary and terminology associated with art as verified by observation, assignments and tests.
7. Read instructional materials online related to art assignments write and make simple mathematical computations necessary in assigned activities, as verified by projects.
8. Participate and display original art work in the school art show.
9. Submit a portfolio to the College Board or create an artist website.
10. Photograph artwork, edit, and upload artwork in the appropriate format.
11. Demonstrate an understanding of copyright laws as it pertains to art and digital imagery.
12. Work safely and appropriately using online using Edmodo, Aeries, and other websites.

CTE COURSE SEQUENCE POSSIBILITIES

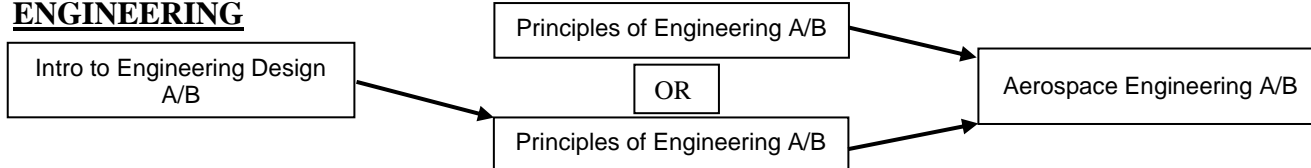
AUTO



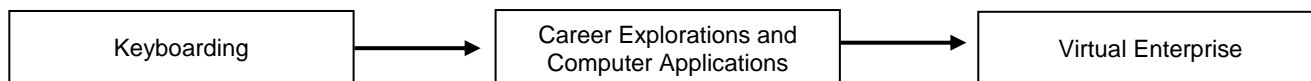
WEB DESIGN



ENGINEERING



BUSINESS



AUTOMOTIVE TECHNOLOGY MLR 1 F/S

Credit: 5 variable units

Format: 1 semester alt. block; MLR 1 F or S can be taken in any order.

Level of Difficulty: CP

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Transportation and Systems Diagnostics, Service & Repair career pathway.

Auto MLR (Maintenance and Light Repair) I is designed as a beginning automotive mechanic course that introduces students to automobile service and repair, shop safety, engine repair, automatic transmissions and transaxles, manual drive train and axles, suspension and steering, brakes, electrical and electronic systems, heating and air conditioning, and engine performance. This is the first course in a 2-course sequence that prepares students for the Maintenance and Light Repair (MLR) ASE Student Certification test. Students will be introduced to automotive technology concepts in the classroom and be provided lab-based hands-on maintenance and repair experience. This course will also provide students with the opportunity to apply and extend concepts studied in their math and science classes (related to algebra, basic arithmetic, physics, and electrical, computer, and chemical sciences) to the automotive technology industry.

AUTOMOTIVE TECHNOLOGY MLR 2 F/S

Recommended Placement: Passing grades in Automotive Technology MLR I

Credit: 5 variable units

Format: 1 semester alt. block; MLR 2 F or S can be taken in any order

Level of Difficulty: CP

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Transportation and Systems Diagnostics, Service & Repair career pathway.

Auto MLR (Maintenance and Light Repair) II is designed as the second of a two course sequence that continues instruction in automobile service and repair, shop safety, engine repair, automatic transmissions and transaxles, manual drive train and axles, suspension and steering, brakes, electrical and electronic systems, heating and air conditioning, and engine performance. After completion of this course, students will be prepared for an internship or entry level position in today's automotive services industry, beginning ASE (Automotive Service Excellence) certification, and will have completed the NATEF (National Automotive Technicians Education Foundation) MLR curriculum. This course will also provide students with the opportunity to apply and extend concepts studied in their math and science classes (related to algebra, basic arithmetic, physics, and electrical, computer, and chemical sciences) to the automotive technology industry.

ADVANCED AUTO A/B

Recommended Placement: Passing grades in Automotive Tech MLR 1 and Automotive Tech MLR 2

Credit: 5 variable units

Format: 1 semester alt. block

Level of Difficulty: CP

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Transportation and Systems Diagnostics, Service & Repair career pathway.

Advanced Auto is a 1 year course that requires successful completion of MLR 1 and MLR 2. In this class students will be rebuilding and blueprinting engines, performing major repairs on vehicles, welding, and working on metal fabrication.

TECHNOLOGY EDUCATION INDEPENDENT STUDY

Instructor Approval Required

Format: Variable

Credit: Variable

Level of Difficulty: NC, M

Independent Study is designed to allow students to pursue learning goals which interest them, but which are NOT part of the regular course offerings. Prior to registration, the student and his supervising teacher complete a formal agreement using the Request for Independent Study Credit form. The contract will specify the objectives of the activity,

TECHNOLOGY EDUCATION INDEPENDENT STUDY (Continued)

the resources required to accomplish the objectives, and a plan for evaluation of the work. Such projects require approval of the supervising teacher, the teacher advisor, Department Coordinator, parent and Principal. The forms are available from Counselors or Department Coordinators.

KEYBOARDING

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

Designed for students who cannot type accurately by touch or who are uncomfortable using computers, this course will cover the basics of keyboarding and word processing applications. The first nine weeks will be centered on learning or re-learning the keyboard by touch, proofreading, error correction and speed on the keyboard. The second quarter will focus on using Microsoft Word and word processing techniques to create business applications such as letters, memos, and manuscripts.

Upon completion of the course students will be able to:

1. Keyboard at a minimum rate of 25 wpm by touch.

2. Use correct fingering and other typing techniques.
3. Proofread and edit documents.
4. Produce correctly formatted business letters and manuscripts.

CAREER EXPLORATION & COMPUTER APPLICATIONS

Recommended Placement: Typing speed of 25 wpm

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

The preparation of students for the business world, whether directly after high school or upon finishing college, is an invaluable and often overlooked part of transitioning into the adult world. CECA is design to introduce many of the concepts and skills needed to be successful.

CECA explores:

1. Potential career interests, including personality compatibility, education and future outlook
2. Finding a job in a career field; including preparation, jobs search resources, applications, resume writing, and interviewing skills
3. Common computer business applications, including MS Word and MS Excel
4. The stock market and financial investments
5. Impact of current events on careers and industry
6. Employee vs ownership; including business structures, advantages and disadvantages
7. Planning a small business
8. Tax responsibilities (Individual income tax, if so you might want to use that in the bullet.

VIRTUAL ENTERPRISE A/B

Credits: 10 credits

Grade Level: 9 -12

Length: One year, alternating (Students must enroll in both semesters, A and B)

Level of Difficulty: CP, R

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Marketing Sales and Service and Entrepreneurship career pathway.

In this course, students will create and operate a virtual business modeled under the US Network of Virtual Enterprises International. “A Virtual Enterprise is a simulated business that is set up and run by students to prepare them for working in the real business environment. With the guidance of a teacher (“consultant”) and real world business partners, the students determine the nature of their business, its products and services, its management and structure, and engage in the daily operations of running a business. Emphasis is placed on using current business software, communications, and the Internet for business transactions. Students may participate in trade fair competitions organized through California Virtual Enterprise network. Refer to the CA Virtual Enterprise web site for more information, <http://www.virtualenterprise.org>. Students will receive elective credit in Economics.

BEGINNING WEB SITE DESIGN & MANAGEMENT

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Information and Communication Technologies and Software & Systems career pathway.

This course focuses on two major topic areas; 1) utilization of various parts of the Internet, including World Wide Web, E-mail, FTP, Usenet, Telnet, and Gopher) development of a basic web site, including HTML, CSS, Adobe Dreamweaver.

Objectives:

1. Students will learn and understand how the Internet works and how to utilize various resources available on the Internet
2. Students will learn how to utilize a web host.

3. Students will learn how to create web sites using HTML, CSS, and Dreamweaver.
4. Students will post web sites on the Internet.

INTERMEDIATE WEB SITE DESIGN & MANAGEMENT

Recommended Placement: Beginning Web Site Dev. or Instructors Approval

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Information and Communication Technologies and Software & Systems career pathway.

This course will explore the use of web site development techniques in a practical application. HTML, Dreamweaver and other web site concepts will be developed, utilized, and implemented.

Objectives:

1. Students will learn how to apply web site concepts.
2. Students will utilize several tools available in Adobe Dreamweaver to develop a website.
3. Students will learn, develop and improve skills in HTML, CSS, and other web applications.
4. Students will use be introduced to a server, database, website relationship, including learning the basics of PHP, MySQL, and server software.

ADVANCED WEB SITE DESIGN & MANAGEMENT A/B

Recommended Placement: Inter. Web Site Dev., Instructors Approval

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Information and Communication Technologies and Software & Systems career pathway.

This course will explore the use of web site development techniques in a practical application. HTML and other web site concepts will be developed, utilized, and implemented. The class is responsible for the development and maintenance of the Irvine High School web site.

Objectives:

1. Students will learn how to apply web site concepts.
2. Students will develop and maintain the school's web site.
3. Students will develop communication skills with classmates, teachers, and staff members.
4. Students will use their expertise as web site consultants for various groups and individuals.

INTRODUCTION TO ENGINEERING DESIGN A/B

Credits: 10

Grade Level: 9 -12

Length: One year, alternating

Level of Difficulty: CP, T

Recommended Prerequisite: The course assumes no previous knowledge, however, math skills such as being able to solve equations, performing math operations with fractions and decimals, working with proportions, and some basic geometry knowledge are highly recommended.

A grade of 60% or higher is required to move to the second semester.

Any student who needs to repeat this course must repeat the entire year.

Students may **not** enroll concurrently in IED and Principles of Engineering.

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Engineering and Architecture Industry Sector and Engineering Design career pathway.

INTRODUCTION TO ENGINEERING DESIGN A/B (Continued)

The course of study includes:

- Engineering Design Process · Modeling · Sketching · Measurement, Statistics, and Applied Geometry · Career Exploration · Presentation Design and Delivery · Engineering Drawing Standards · CAD Solid Modeling · Reverse Engineering · Consumer Product Design Innovation · Marketing · Graphic Design Engineering · Engineering Ethics

Introduction to Engineering Design™ (IED) is a high school level course that is appropriate for 9th-12th grade students who are interested in learning design and engineering and skills through engaging hands-on activities. It is one of two foundation courses in the Project Lead The Way® (PLTW) high school engineering pathway. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, technical documentation, engineering standards, and the global and human impact of various engineering disciplines. IED gives students the opportunity to develop skills and understand course concepts through problem-based learning and hands-on activities.

In addition to learning 3D modeling using paper and drafting tools, students will use Autodesk Computer Aided Design (CAD) software to help them design solutions for proposed problems. Students will use state-of-the-art rapid prototyping technologies such as 3D printing and laser cutting to build their projects. Students will develop problem-solving skills and apply their knowledge to create solutions to various challenges throughout the course.

Upon successfully completing this course with a 70% or better an concurrent enrollment in Math II or above, students will be eligible to enroll in Principles of Engineering. Students who wish to move to the Aerospace Engineering course must complete Principles of Engineering.

PRINCIPLES OF ENGINEERING A/B

Credits: 10

Grade Level: 9 -12

Length: One year, alternating

Level of Difficulty: CP, T

Recommended Pre-Requisite: Concurrent enrollment in Math II or higher. Teacher recommendation.

A grade of 60% or higher is required to move to the second semester.

Any student who needs to repeat this course must repeat the entire year.

Students may **not** enroll concurrently in Introduction to Engineering Design and Principles of Engineering.

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Engineering and Architecture Industry Sector and Engineering Design career pathway.

The course of study includes:

- Energy and Power · Six Simple Machines · Basic Electricity · Thermodynamics · Materials and Structures · Engineering Design Process · CAD Solid Modeling · Control Systems · Robotics · Statistics and Kinematics · Marketing · Graphic Design · Career Exploration · Engineering Ethics

Principles of Engineering™ (POE) is a high school-level survey course of engineering. It is one of two foundation courses in the Project Lead The Way® (PLTW) high school engineering pathway. This course will expose students to some of the major concepts that they will encounter in a post-secondary engineering course of study. This class focuses on problems that engage and challenge. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. POE gives students the opportunity to develop skills and understand course concepts through problem-based learning and hands-on activities.

The course applies and develops secondary level knowledge and skills in mathematics, science and technology. Students will be working with Autodesk Computer Aided Design (CAD) software, Vex robotics kits, Arduino, and state-of-the-art rapid prototyping technologies such as 3D printing and laser cutting to build their projects. In this course, students will be

PRINCIPLES OF ENGINEERING A/B (Continued)

designing and creating machines and robots to demonstrate their understanding of the course curriculum. In addition to creating design solutions on the CAD software, students will use it to perform structural analyses of their designs.

Students do not need to complete Introduction to Engineering to enroll in this course. Upon successful completion of this course (grade C or higher) students will be eligible to enroll in Aerospace Engineering.

AEROSPACE ENGINEERING A/B

Credits: 10

Grade Level: 10-12

Length: One year, alternating

Recommended Pre-Requisite: Completion of Principles of Engineering with a 70% or above or being a member of the Irvine CubeSat Program and teacher recommendation

Level of Difficulty: CP, D, T

A grade of 60% or higher is required to move to the second semester.

The course of study includes:

- Evolution of Flight · Physics of Flight · Flight Planning and Navigation · Materials and Structures
- Propulsion · Flight Physiology · Space Travel · Orbital Mechanics · Alternative Applications
- Remote Systems · Aerospace Careers · Engineering Ethics

Aerospace Engineering utilizes activity-project-problem-based (APPB) teaching to ignite student learning of the fundamentals of atmospheric and space flight. Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students simulate a progression of operations to explore a planet - including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot.

Upon successful completion of this course (grade 70% or above) students will be eligible to enroll in the capstone course – Engineering Design and Development.

Any student who needs to repeat this course must repeat the entire year.

EXPLORING COMPUTER SCIENCE A/B

Recommended Placement: Math I or higher with a grade of 80% or above

Credits: 10

Grade Level: 9 -12

Length: One year, alternating

Level of Difficulty: CP

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Information and Communication Technologies and Software & Systems career pathway.

Exploring Computer Science is an introduction to the world of computer science and problem solving. It is a yearlong course consisting of six main units. Students will study topics like Human Computer Interaction, Problem Solving in a variety of contexts, topics in discrete math including Boolean logic, functions, graphs and the binary number system, Web Design, Programming and Algorithm Development, Computing and Data Analysis, and Robotics as an advanced application of computer science. This course will help students create a strong foundation to advance to AP Computer Science.

CP = College Preparatory NC = Non-college approved T = Technical M = Moderate D = Difficult R = Most Rigorous

AP COMPUTER SCIENCE A/B

Recommended Placement: Math III or higher with a grade of 80% or above

Credits: 10

Grade Level: 9 -12

Length: One year, alternating

Level of Difficulty: CP, R

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Sector Information and Communication Technologies and Software & Systems career pathway.

AP Computer Science is a college level course that covers the design, development, testing, and debugging of computer programs using JAVA programming language. The course is designed to serve as a first course in computer science for students with no prior computing experience. Emphasis will be placed on the study of JAVA syntax, object-oriented programming, problem solving, and algorithmic development. This course will prepare students for the College Board's Advanced Placement Computer Science A examination.

Upon completion of the course, students will be able to:

- Understand the advantages of a compiled language
- Understand basic program structure, JAVA syntax, and organization
- Use the classes and methods located in the JAVA library
- Design programs using object oriented design
- Write JAVA programs using arrays, array lists, two dimensional arrays, classes and objects
- Write programs involving recursion
- Write programs using advanced sorting and searching techniques

BUSINESS EDUCATION INDEPENDENT STUDY

Instructor approval Required

Format: Variable

Credit: Variable

Entry Fall/Spring semesters

Level of Difficulty: NC, M

Independent Study is designed to allow students to pursue learning goals which interest them, but which are NOT part of the regular course offerings. Prior to registration, the student and his supervising teacher complete a formal agreement using the Request for Independent Study Credit form. The contract will specify the objectives of the activity, the resources required to accomplish the objectives, and a plan for evaluation of the work. Such projects require approval of the supervising teacher, the teacher advisor, department coordinator, parent and principal. The forms are available from Counselors or department coordinators.

INTRODUCTION TO PHOTO JOURNALISM

(Meets G and F requirements for UC)

Freshman or sophomore standing ONLY

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: CP

Intro to Photo-Journalism is a 9th/10th grade (one) semester-long alternating block introductory course focusing on visual story-telling through digital photographic means.

The Intro to Photo-Journalism course will assist in preparing students to visually communicate ideas and narratives for entrance into Journalism, Yearbook, Video Production or proceeding Photo courses. The course will stress creative problem solving, logical thinking, accurate and concise journalistic interactions with subject, and original, dynamic, well-composed narrative photography.

- Students will learn and apply the basic care and functions of a DSLR camera, proper exposure, shutter speed, aperture, and resolution, along with proficient use and application of Adobe Light room and Photoshop.

INTRODUCTION TO PHOTOJOURNALISM (Continued)

- Students will learn and apply the basic elements and principles of designing compositions with specific journalistic concepts of framing, focus/focal point, lighting and actuality emphasized.
- Students will become aware of and demonstrate the Associated Press code of Photojournalist ethics.
- Students will research and present a dynamic Prezi on a well-established photo-journalist including analysis of image components that convey and support a story.
- Students will observe, describe, analyze and evaluate famous historical and contemporary documentary photographs using the *New York Times*’, “What’s going On in This Picture.”
- Students will create a portfolio of narrative images to submit for entrance into Journalism, Yearbook, Video Production or proceeding Photo courses.
- Students will write captions providing details of their photos.
- Students will become aware and demonstrate appropriate subject interaction, information gathering, locale guidelines, and model releases for publication of information.

Evaluation: Assignments will include written, sequential procedures. Strong and average/below average photo examples will be shown to provide clear visual guidance and tips for avoiding weakness. Rubrics for assignments will correlate specifically to outlined procedures and include a self-evaluation identifying and explaining strengths and weaknesses. In addition, rubrics will include peer critiques.

Assignments:

1. Shutter Speed: Stop action/fast shutter speed and Blurred motion slow shutter speed
2. Aperture/DOF: Small f-stop/long DOF and Large f-stop/shallow DOF
3. Shoot Preparation Exercise: awareness of environment, prefocus, light metering, optimal positioning, subject/event research
4. POV: unique angle/perspective Low-angle, Eye-level, High Angle, Birds-eye view
5. Framing: Rule of thirds, Extreme close-up, Close-up, Medium close-up, Medium shot, Medium long shot, Long shot, Wide shot
6. Lighting: Low-key lighting, High-key lighting, Backlighting, Side lighting
7. Actuality: Un-posed, spontaneous subjects in natural environment
8. People: Model release, setting/location, POV, lighting, personality/mood, (un)posed/position
9. Photo essays: Feature/secondary supporting, Themes: personality/mood, sports/events, people at work, past/present/future, social commentary/protest, sense of place, ritual, travel, community

VISUAL IMAGERY F/S

(Meets G and F requirements for UC)

Credit: 5 units per semester

Format: 1 semester each; alt. block

Level of Difficulty: CP

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector and Design, Visual and Media Arts career pathway.

Visual Imagery explores the fundamentals of photography and creative expression of ideas. Art appreciation is also an integral part of these classes. In Beginning and Intermediate Photographic Arts, students will:

1. Observe, describe, interpret and evaluate historical and contemporary photographic work.
2. Explore and produce work displaying comprehension of the elements and principles in designing compositions.
3. Become keen observers of their environment
4. Understand basic functions and operations of a manual 35mm camera, and will effectively process their black and white film.
5. Make good quality black and white enlargements from their negatives.
6. Understand and utilize printing techniques and procedures such as; dodging and burning, proper chemical procedures, print washing/drying and contrast filters.
7. Explore a variety of “alternative” procedures including: print toning, hand-coloring, solarizing, multiple exposures, sandwiched negatives, paper negatives and photomontage.
8. Mount/window mat and display their best photographic work for class, district and countywide exhibitions.
9. Participate in critiques: observing, describing, interpreting and evaluating fellow student work.

10. Maintain a daily journal that will address technical issues, art criticism, art history, careers in photography, media related topics and philosophical aesthetics.
11. Construct and use a pinhole camera
12. Explore digital photography; learn how to use digital cameras, flatbed & negative/slide scanners, card readers, portable storage devices and photo prints.
13. Become proficient creating and manipulating original photographs and Adobe PhotoShop software.
14. Become aware of photography as an art form and a means for expression and effective communication of ideas.

ADVANCED VISUAL IMAGERY F/S

Prerequisite: 2 semesters of Visual Imagery and teacher recommendation

Credit: 5 units per semester

Format: 1 semester each, alt. block

Level of Difficulty: CP

The class may be repeated.

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector and Design, Visual and Media Arts career pathway.

Advanced Visual Imagery is a course that guides students through an in-depth exploration of photography as an art form. Students will build on techniques learned in Visual Imagery. Students will explore multiple photographic techniques for personal creative expression of their ideas in order to produce a website portfolio and publish a book. Upon completion of the course, students will:

1. Demonstrate mastery of basic photography techniques learned in Visual Imagery.
2. Continue an in-depth exploration of a variety of “alternative” photographic procedures including: paper negatives, bookmaking, 3-D photos, mixed media, pinhole camera, infrared film, woodblock transfers, Hockney collage, Polaroid slide transfers, photomontage, phot narratives, commercial photography, and gifs.
3. Become proficient using Adobe Photoshop.
4. Effectively use digital cameras, photo printers, flatbed and negative/slide scanners and an assortment of lenses.
5. Mat and display their best photographic work for class, district, and countywide exhibitions.
6. Create a website with their photos and include a written artist statement discussing their creative process.
7. Participate in written and oral critiques that will include observation, analysis, interpretation, and evaluation of student photographic work.
8. Become aware of photography as an important media tool affecting our culture and being instrumental in social change and perception in history.
9. Become aware of digital media issues as overt or subtle propaganda.
10. Become aware of photography as an art form and a means for expression and communication of ideas.
11. Investigate the differing fields in photography such as photojournalism, portraiture, fine art, commercial, and nature
12. Research careers and education related to photography and design.
13. Create a presentation using PowerPoint or Prezi.com instructing the class on the latest photographic techniques and process.
14. Produce a portfolio or self-publish a book consisting of their best photographic work.

Computer Graphics A/B

(Meets G and F requirements for UC)

Credit: 10 units for the year, 5 units a semester

Level of Difficulty: CP, R

Format: 1 year or 1 semester plus additional Visual Art class for UC credit, or semester alt for elective credit

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector and Design, Visual and Media Arts career pathway.

Course Description

This UC approved fine arts elective is designed to introduce a variety of techniques, concepts, and software used to create digital imagery. The class will complete an overview of Adobe Photoshop in fall and Adobe Illustrator in spring. The

CP = College Preparatory NC = Non-college approved T = Technical M = Moderate D = Difficult R = Most Rigorous

COMPUTER GRAPHICS A/B (Continued)

study of art history will continue through participation in lectures and discussion of fine art reproductions. **Some previous art experience is assumed.** Emphasis is placed on the application of elements and principles of design.

Course Objectives

The student will:

1. Express original ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.
2. Compose pictures which illustrate knowledge of the elements and principles of design, as verified by completion of assignments.
3. Develop a historical perspective of art and design by recognizing varying individual and cultural themes and styles, as verified by completed assignments and tests.
4. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment, as verified by teacher observation.
5. Demonstrate understanding and use of vocabulary and terminology associated with computer generated imagery as verified by observation, assignments and tests.
6. Demonstrate proper uses and care of computers and materials, and equipment as verified by teacher observation.
7. Read instructional materials related to the software and project instructions, write, and make simple mathematical computations necessary in assigned activities, as verified by projects.
8. Participate and display original art work in the school art show and contest.
9. Work safely and appropriately using online using Google apps, and Adobe Creative Suite software.
10. Create original art and designs.
11. Demonstrate an understanding of copyright laws as it pertains to art and digital imagery.
12. Produce a sample design portfolio.
13. Research computer graphics related careers.

ADVANCED COMPUTER GRAPHICS A/B

(Meets G and F requirements for UC)

Recommended Placement: A passing grade for both semesters of Computer Graphics and teacher approval.

Credit: 10 units for the year, 5 units per semester

Level of Difficulty: CP, D

Format: Alternating block 1 semester or 1 year

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector and Design, Visual and Media Arts career pathway.

Advanced Computer Graphics is an advanced level class. Students will apply their knowledge of art elements and design principles in real work design scenarios. Projects presented will include projects in the fields of: packaging, marketing, brand identity/identity systems, set design and 3D printing.

ADVANCED PLACEMENT 2D DESIGN (Photo or Digital Media)

(Meets G and F requirements for UC)

Recommended Placement: A passing grade for two semesters of Advanced Drawing and Painting, Advanced Photo, or Advanced Computer Graphics. Teacher approval required.

Credit: 10 units

Level of Difficulty: CP, R

Format: 1 year alt.

Course Description:

This class is an intensive challenge to build a portfolio for submission to the College Board or to create a professional artist website. Students will use the internet to read instructions for a summer assignment and 12 breadth projects and 12 pieces on a theme of their own choosing. Students must be ready to working independently a sustainable amount of time. Students must be capable for asking for help, completing research, taking and applying criticism before entering the class.

The AP Design portfolio can include Drawing, Painting, Photography, Collage and Computer Graphics.

ADVANCED PLACEMENT 2D DESIGN A/B (Continued)

Course Objectives

The student will:

1. Use the internet to read instructions for the summer assignment and 12 breadth projects.
2. Express **original** ideas through an understanding of the elements of art and principles of design, as verified by the development and completion of assignments.
3. Use advance skills necessary to work independently with a variety of art media in the development and completion of two dimensional art projects. Additional emphasis will be on good craftsmanship, as verified by completed projects.
4. Develop a historical perspective in art by recognizing varying individual and cultural themes and styles, as verified by completed assignments.
5. Develop the ability to make informed aesthetic judgments about works of art, nature, and objects in the total environment, as verified by teacher observation.
6. Demonstrate understanding and use of vocabulary and terminology associated with art as verified by observation, assignments and tests.
7. Read instructional materials online related to art assignments, write, and make simple mathematical computations necessary in assigned activities, as verified by projects.
8. Participate and display original art work in the school art show.
9. Submit a portfolio to the College Board or create an artist website.
10. Photograph artwork, edit, and upload artwork in the appropriate format to the AP Collegeboard or a personal website.
11. Demonstrate an understanding of copyright laws as it pertains to art and digital imagery.
12. Work safely and appropriately using Edmodo, Aeries, and other websites.

ANIMATION A/B

(Meets G and F requirements for UC)

Credit: 10 units for the year

Format: 1 year alt. block

Level of Difficulty: CP

Animation exposes students to a range of traditional and digital techniques used in stop-motion, Claymation, and 2-D computer animation. Projects are designed for students to develop skills in drawing, sculpting, writing, storyboarding, layout, and character design. This course explores the history of animation, foundations of art, design, and animation, vector and raster computer imaging, basic photography, creative storytelling, contemporary animation trends, techniques, personal voice, and working in teams. Projects will include, but are not limited to, frame-by-frame animation, digital, and analog cut out animation, stop motion animation, and hybrid styles.

AP ART HISTORY A/B

Recommended junior standing and recommended completion of AP European History, OR instructor's approval, OR sophomore standing with H World Studies instructor's approval.

Credit: 10 units

Format: 1 yr. Alt. block

Level of Difficulty: CP, R

73% or better in 1st semester to continue onto AP Art History B

AP Art History is a survey course that introduces students to discover the diversity in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. The AP Art History has a specified number of works of art students are required to understand in order to support their in-depth learning, critical analysis skills, and discovery of connections among global artistic traditions. The AP Art History course welcomes students into the global art world as active participants, engaging with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. This class requires a high

AP ART HISTORY A/B (Continued)

degree of commitment to academic work. As students study works of art in the image set, they apply the essential art historical skills within the learning objectives, such as visual, contextual, and comparative analysis.

The curriculum and content of the course are based on three sets of big ideas and essential questions intended to encourage investigation of art throughout time and place and to foster students' understanding of the discipline of art history.

Big idea 1: Artists manipulate materials and ideas to create an aesthetic object, act, or event.

Essential Question: What is art and how is it made?

Big idea 2: Art making is shaped by tradition and change.

Essential Question: Why and how does art change?

Big idea 3: Interpretations of art are variable.

Essential Question: How do we describe our thinking about art?

Students will also make connections with other subject areas such as Literature, Music, History, Mythology, Religion, and Sciences and the concurrent art and/or architecture produced during a particular period. Students will be prepared to take the College Board's Advanced Placement test for college credit in May.

ART—INDEPENDENT STUDY

Recommended Placement: Approval of Art Dept. Chair Required

Credit: Variable

Format: Variable

Level of Difficulty: NC

Independent Study is designed to allow students to pursue learning goals which interest them, but which are NOT part of the regular course offerings. Prior to registration, the student and his supervising teacher complete a formal agreement using the Request for Independent Study Credit form. The contract will specify the objectives of the activity, the resources required to accomplish the objectives, and a plan for evaluation of the work. Such projects require approval of the supervising teacher, the teacher advisor, department coordinator, parent and principal. The forms are available from Counselors or Department coordinators.

YEARBOOK A/B

Recommended Placement: Yearbook Advisor Approval

Credit: 10 units

Level of Difficulty: NC, D

Format: 1 year alt. block

This is a practical course designed to develop skills in media publication. During the first semester of this course, students will learn how to develop a theme, conduct interviews, write stories and headlines, design yearbook pages using an online publishing program, and take and crop digital photographs using Photoshop and other software. Following semesters will incorporate the development and mastery of these skills in addition to the development of leadership, editing and business management skills. Students must apply to the program during the spring of the previous year and are selected for this class on the basis of interest, maturity, and existing level of skill in writing and photography.

Upon completion of this course, students will:

1. Demonstrate knowledge and skill in publication design and garner a clear understanding of the process
2. Develop and implement a cohesive theme for the book
3. Work both individually and collaboratively to document the school year both visually and in writing
4. Analyze and study current design trends used in professional publications
5. Use a photojournalistic style of photography to document the year's events
6. Conduct interviews as a means of developing stories and gaining coverage
7. Write headlines, stories, and captions
8. Develop leadership and business management skills
9. Gain historical awareness of print media and an understanding of its role in society

VIDEO PRODUCTION F/S

(Meets G and F requirements for UC)

Credit: 5-10 units

Format: 1 semester alt. block.

Level of Difficulty: CP, M

*Students may begin course in Fall or Spring

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector – Digital Visual Media or Production Management and Design, Visual, Media Arts career pathway.

This UC approved fina arts elective is designed to introduce a variety of techniques, concepts, and software used to create video projects. The class will complete an overview of the editing software, Adobe Premier. Emphasis is placed on the application of elements and principles of design.

Objectives

Students will:

1. Learn/practice jobs within the three stages of the video production process, pre-production, production, and post-production
2. Learn production roles including storytelling, script writing, storyboarding, camera operation, directing, producing, and editing
3. Develop competency in managing time and people
4. Explore and refine their conceptual and aesthetic styles, as well as practical and technical skills
5. Be able to use digital editing and multiple video elements together (images, sound, interviews, music, footage) to convey a message, tell a story, and achieve communication goals

ART OF FILM

Recommended Placement: 70% or better in Video F/S and teacher recommendation

Credit: 5-10 units

Format: 1 semester alt. block.

Level of Difficulty: CP, M

*Students may begin course in Fall or Spring

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector – Digital Visual Media or Production Management and Design, Visual, Media Arts career pathway.

This yearlong course is both visual arts and CTE. Open to Advanced Video Students and other video students upon teacher recommendation. This class focuses on the art of making films. Students will have the opportunity to explore production techniques for personal creative expression of their ideas. Students may take this course concurrently with Video Productions.

ADVANCED VIDEO PRODUCTION/iTV A/B

Recommended Placement: 70% or better in Video F/S OR 70% or better in at least 1 semester of Computer Graphics AND at least one other Visual Arts course.

Application must be submitted in order to be considered and students are required to attend FilmEd summer workshop.

Credit: 10 units

Format: 2 semesters alt. block (This class may be repeated)

Level of Difficulty: CP, M

The curriculum is aligned to the CA CTE Model Curriculum Standards and Career Ready Standards for the Arts, Media and Entertainment Industry Sector – Digital Visual Media or Production Management and Design, Visual, Media Arts career pathway.

This UC approved fine arts elective is designed to prepare students for the film industry. This yearlong course include: creating bi-monthly broadcasts, filming/mixing live events including all pep rallies, participation in film festivals such as

ADVANCED VIDEO PRODUCTIONS/iTV A/B (Continued)

the Orange County Film Festival, participation in video contests, creating the yearbook DVD, creating independent projects, and much more!

Objectives

Students will:

1. Practice jobs within the three stages of the video production process, pre-production, production, and post-production
2. Discover their particular interests and abilities within the film industry
3. Become proficient in production roles including storytelling, script writing, storyboarding, camera operation, directing, producing, and editing
4. Explore and refine their conceptual and aesthetic styles, as well as practical and technical skills
5. Be able to convey a message, tell a story, and achieve communication goals



NON-DEPARTMENTAL CLASSES



COURSE TITLE	ENTRY		PREREQUISITE	LEVEL OF DIFFICULTY	UNITS OF CREDIT
	Fall	Spring			
Health	x- - - -	x- - - -	None	NC	5.0
§ Leadership A/B	x- - - -	- - - - -	Teacher Approval (Elected Student Body Officers)	NC, M	10
Essential Life Skills	x- - - -	x- - - -	Instructor Placement	NC	5
Student Assistant ▲	x- - - -	x- - - -	Sophomore standing and teacher approval	NC	5 Var
Peer Tutor ▲	x- - - -	x- - - -	Sophomore standing or higher; GPA 3.3 or higher; and assistant principal approval	NC	5 Var
Study Skills A/B	x- - - -	x- - - -	Instructor Placement	NC	5 Var
Directed Studies	x- - - -	x- - - -	Approval of Instructor	NC	5 Var
Student Forum	x- - - -	x- - - -	Approval of Instructor	NC	.5 / Sem
§ Community Work Experience ▲	Open Entry/Exit		Junior or Senior standing	NC	1-10 Var.

§ = Students are expected to spend additional hours beyond regular class time.

▲ = Students may earn 10 credits total in this course.

HEALTH

Credit: 5 units

Format: 1 semester alt. block

Level of Difficulty: NC, required course

This course emphasizes current individual and community health issues. The physical, mental, social and emotional aspects of health problems are discussed. The first-aid portion of this course emphasizes safety procedures and basic first-aid techniques. Upon completion, the student will be able to:

1. Identify major communicable diseases.
2. Identify available health services in the community.
3. List the effects of hazardous substance abuse on the individual and the society.
4. Understand life-saving techniques, including mouth-to-mouth resuscitation, cardiac pulmonary resuscitation (CPR), the abdominal thrust maneuver (choking), and other appropriate emergency techniques for burns, bleeding, broken bones, poisoning and shock.
5. Explain the function of various parts of the human reproductive system.
6. Identify the symptoms and causes for various STD's.

§ LEADERSHIP A/B

This class is for elected Student Body officers only

Credit: 10 units

Format: 1 year alt. block

Level of Difficulty: NC, M

Upon completion of the course, the student will be able to:

1. Identify major leadership principles
2. Describe how a leader participates in the democratic process
3. Know and be able to work within parliamentary procedural guidelines
4. Learn through experience program planning (long and short-range). Plan for and carry out elections
5. Understand financial procedures and responsibilities as they pertain to the school ASB budget
6. Demonstrate and practice the communication, trust, and inter-personal skills necessary to be an asset to a team.
7. Develop intra-school relationships.
8. Utilize successful publicity techniques.
9. Evaluate events.

§ = Students will be expected to spend additional hours beyond the regular class time.

▲STUDENT ASSISTANT

Recommended Placement: Approval of instructor, Soph. Standing

Credit: 5 variable units (Limit of 10 units)

Format: 1 semester alt. block

Level of Difficulty: NC

A Student Assistant performs clerical or other routine services for a given office or staff member. Student Assistants may work in school offices, the media center, lab, shop, or for a given teacher. In each case, students are selected by members of the Irvine High School staff. Students earning credit for Student Assistant are required to sign a contract specifying the nature of the activities and the time committed. In general, .5 unit of credit is awarded for 9 hours of work and the satisfactory completion of the assigned duties and responsibilities.

No more than 10 units may be counted toward graduation. No more than 20 credits of Community Work Experience and Student Assistant combined are allowed toward graduation requirements.

*Freshmen cannot be Student Assistants.

*Students enrolled in student assisting **must report to the upstairs office** until they have an assigned teacher. Failure to do so will result in being reported as truant and having detentions assigned.

▲PEER TUTOR

Recommended Placement: GPA of 3.3 or greater, Approval of assistant principal, Soph. standing or higher

Credit: 5 variable units (Limit of 10 units)

Format: 1 semester alt. block

Level of Difficulty: NC

A Peer Tutor works with peers on homework, study skills, and preparing for assessments under the supervision of a certificated teacher. There is a requirement of a short training at the beginning of the peer tutoring experience.

DIRECTED STUDIES

Approval of Instructor

Credit: 5 variable units

Format: 1 year alt. block

Level of Difficulty: NC

This class is for identified Special Education students. It is designed to assist these students with their mainstreamed classes. Strategies provided include test taking, study skills, organizational skills, and computerized academic remediation.

ESSENTIAL LIFE SKILLS A/B

Approval of Instructor

Credit: 5 units

Format: 1 semester each, alt. block

Level of Difficulty: NC

This course is for identified Special Education students. It is designed to provide students with the skills necessary to become independent and have personal and vocational success. Topics include personal interests, self-advocacy skills, health and safety, interviewing skills, keeping a job, interpersonal relationships, time management, money management, and community resource exploration. Upon completion of the course, students will have an individualized portfolio including a completed job application, resume, and writing a cover letter.

STUDY SKILLS A/B

Credit: Variable, 5 units maximum

Format: 1 semester alt. block

Level of Difficulty: NC

Study Skills is a course designed for those who have struggled in school in the past. The course provides students with ample time to work on assignments while simultaneously providing those students with the support they need to improve their academic performance. That support includes a rigid structure, instruction on good student practices and opportunities to receive one on one assistance with assignments. Student progress is monitored closely during the course in order to tailor each student's experience to their academic needs. The good student practices that are covered in this class are as follows.

1. Time Organization
2. General Organization
3. Test taking
4. Note taking
5. Memory techniques

§ ▲ COMMUNITY WORK EXPERIENCE

Must have pre-approval by Community Work Experience Coordinator

Credit: 1 unit per 40 hours

Format: Variable

0 period or lunch meetings

Open Entry/Exit (on approval of coordinator)

Community Work Experience is a program that develops skills, habits and attitudes conducive to job success, personal growth, and to help students prepare realistically and wisely for a career. Students enrolled in Community Work Experience who are under the age of 18 **MUST APPLY FOR A WORK PERMIT** (Work Permit applications are available in the upstairs office). Students with a Work Permit will have the following employment restrictions:

1. The maximum allowable work hours are 28 hours per week and no more than 4 hrs/day on school nights.
2. Students cannot work after 10:00 p.m. on school nights or after 12:30 p.m. on other nights.
3. Students may not work 7 consecutive days.
4. Students may not work more than 8 hours/day.

Students in Community Work Experience must maintain their job and notify coordinator if there is a change in status.

The maximum number of allowable credits is 5 per semester. No more than 20 credits of Community Work Experience and Student Assistant combined are allowed toward graduation requirements.

Students must maintain a 2.0 GPA and have no more than 3 detentions outstanding to remain in the Work Experience Program.

All required forms, time cards, and related instruction must be completed on time.

Coastline Regional Occupational Program

1001 Presidio Square Costa Mesa, CA 92626-1584 (714) 979-1955

Coastline ROP is a career preparation program in which students can receive instruction and experience in more than 70 occupational areas (many include an internship in business and industry), and earn high school credits.

For students who are not sure what profession they will be pursuing in the future, ROP gives them the opportunity for career exploration, while learning an entry level skill. It also allows them to gain experience in the major they may declare in college.

Many colleges, specifically the UC system and private institutions, ask that students include work experiences, future goals and aspirations in their application essay or insight questions. An ROP internship in the area of their interest would be an excellent topic for their college essay or personal insight questions.

See Mrs. Voisinet in the LIFE Center to help get students acquainted with ROP and to sign-up for after-school classes. Please check out the current schedule at www.coastlinerop.net. New classes begin each semester but students should pre-enroll early to reserve limited spaces. Classes are offered all over the five districts that Coastline ROP serves.

Coastline ROP Career Pathway

Agriculture & Natural Resources

Animal Healthcare Internship
Environmental Horticulture
Floral Design
Floral Design Internship

Arts, Media, and Entertainment

Art of Animation
Art of TV & Video Production
Broadcast News
Computer Graphics
Entertainment Art
Film & Digital Media Studies
Multimedia Communications Design
Music Technology
Theater Technology
Video & Film Production
Visual Imagery
Website Development

Building & Construction Trades

Construction Technology

Business & Finance

Financial Services Internship
Business Internship
Computerized Accounting

Education, Child Development

Careers in Education
Careers with Children Internship
Careers with Children Co-op

Engineering & Architecture

Principles of Engineering
Engineering Design
Intro to Product Design & Engineering

Rapid Product Development
Engineering Innovations

Health Science & Medical Technology

Dental Asst. Back Office Internship
Dental Asst. Front office
Introduction to Medical Careers
Medical Asst. Front Office Internship
Medical Nursing Careers Internship
Medical Office Mgmt. & Billing
Medical Terminology
Nurse Asst. CNA Internship
Sports Medicine

Hospitality, Tourism, and Recreation

Baking & Pastry Fundamentals
Culinary Arts Internship
Adv. Culinary Arts
Hotels & Tourism Internship

Information & Communication Technologies

Manufacturing Engineering Technology
Programming and Robotics
Computer Programming/ Microsoft tools

Public Service

Administration of Justice
Crime Scene Investigation
Emergency Medical Responder
Emergency Medical Technician
Fire Science 101/ Fire Technology
Marketing, Sales, and Service
Retail Sales and Merchandising

Transportation

Auto Technology/ Auto Tech Internship

CTE PATHWAYS AND INDUSTRY SECTOR LIST

Visit www.cde.ca.gov/ci/ct for more information about Career Technical Education.

Career Technical Education (CTE) classes are designed to prepare students for gainful employment in occupations which are needed in California and your community. They are based on the career desires and needs of students. The California State Department of Education’s definition of CTE is as follows: “Career technical education engages all students in a dynamic and seamless learning experience resulting in their mastery of the career and academic knowledge and skills necessary to become productive, contributing members of society.” Your school Counselor can assist you with helping to choose courses at your school that will meet college admission requirements, enroll in CTE, or both. Some of the classes may satisfy “a-g” requirements for CSU or UC.

California has written Career Technical Education model curriculum standards which are organized in fifteen industry sectors or groupings. Each of the fifteen sectors has two or more career pathways. These career pathways are designed to offer “a coherent sequence of rigorous academic and technical courses that allows students to apply academics and develop technical skills in a curricular area.” These pathways can serve as preparation for post-secondary courses in rewarding careers of interest to you.

Industry Sector	Career Pathways
Agriculture and Natural Resources	Agricultural Business, Agricultural Mechanics, Agri-science, Animal Science, Forestry and Natural Resources, Ornamental Horticulture, Plant and Soil Science
Arts, Media, and Entertainment	Media and Design Arts, Performing Arts, Production and Managerial Arts
Building Trades and Construction	Cabinetmaking and Wood Products, Engineering and Heavy Construction, Mechanical Construction, Residential and Commercial Construction
Education, Child Development, and Family Services	Child Development, Consumer Services, Education, Family and Human Services
Energy and Utilities	Electromechanical Installation and Maintenance, Energy and Environmental Technology, Public Utilities, Residential and Commercial Energy and Utilities
Engineering and Design	Architectural and Structural Engineering; Computer Hardware, Electrical, and Network Engineering; Engineering Design; Engineering Technology; Environmental and Natural Science Engineering
Fashion and Interior Design	Fashion Design, Manufacturing, and Merchandising; Interior Design, Furnishing, and Maintenance
Finance and Business	Accounting Services, Banking and Related Services, Business Financial Management
Health Science and Medical Technology	Biotechnology Research and Development, Diagnostic Services, Health Information, Support Services, Therapeutic Services
Hospitality, Tourism, and Recreation	Food Science, Dietetics, and Nutrition; Food Service and Hospitality; Hospitality, Tourism, and Recreation
Information Technology	Information Support and Services, Media Support and Services, Network Communications, Programming and Systems Development
Manufacturing and Product Development	Graphic Arts Technology, Integrated Graphics Technology, Machine and Forming Technology, Welding Technology
Marketing, Sales, and Service	E-Commerce, Entrepreneurship, International Trade, Professional Sales and Marketing
Public Services	Human Services, Legal and Governmental Services, Protective Services
Transportation	Aviation and Aerospace Transportation Services; Collision Repair and Refinishing; Vehicle Maintenance, Service, and Repair

California Higher Education Opportunities

	Community College	California State University (CSU)	University of California (UC)	Independent Colleges
WEBSITES	www.cccapply.org	www.calstate.edu/apply	www.universityofcalifornia.edu	www.aiccu.edu
# OF CAMPUSES	114	23	10	78
NATURE OF PROGRAMS AND CURRICULUM	Two year colleges <ul style="list-style-type: none"> • Transfer coursework • AA and AS degrees • Vocational certificates • Career and job entry majors 	Four year colleges with undergraduate and graduate programs <ul style="list-style-type: none"> • Various majors/programs, depending on campus • Pre-professional programs • BA and BS degrees • MA and MS degrees • Teaching credentials • Doctorate degrees offered at some campuses 	Four year colleges with undergraduate, graduate, and professional programs <ul style="list-style-type: none"> • Various majors and programs, depending on campus • Pre-professional programs • BA and BS degrees • MA and MS degrees • Teaching credentials • Doctorate degrees • Professional degrees 	Various programs and majors Environment, size, focus and academic requirements/rigor vary Some are religiously affiliated.
EDUCATION AND EMPHASIS	<i>Education</i> Theoretical and applied <i>Emphasis</i> Preparation for four year college and employment	<i>Education</i> Theoretical and applied <i>Emphasis</i> Preparation for graduate school and employment	<i>Education</i> Primarily theoretical <i>Emphasis</i> Research, preparation for graduation school and employment	<i>Education</i> Theoretical and applied <i>Emphasis</i> Usually liberal arts
AVERAGE COST Of Yearly Tuition (not including the cost of living)	Approximately \$1,500	Approximately \$6,000	Approximately \$12,500	Approximately \$30,000
HOW SUPPORTED	Public taxes and student tuition/fees	Public taxes and student tuition/fees	Public taxes and student tuition/fees	Private funds and student tuition/fees
FRESHMAN ENTRANCE REQUIREMENTS	<ul style="list-style-type: none"> • No subject requirements • Must be 18 OR high school graduate OR have high school equivalency (CHSPE or GED) • No SAT or ACT required • Placement exams in English and math 	<ul style="list-style-type: none"> • Minimum 15 CSU a-g subject requirements • Minimum 2.0 GPA in a-g subjects; all a-g courses must be met with a grade of "C" or higher; meet eligibility index • Below 3.0 GPA requires SAT or ACT • GPA calculated from a-g courses taken in 10-12 grades. 	<ul style="list-style-type: none"> • Minimum 15 UC a-g subject requirements • Minimum 3.0 GPA in a-g subjects; all a-g courses must be met with a grade of "C" or higher • SAT or ACT <u>with</u> writing component • GPA calculated from a-g courses taken in 10-12 grades 	Wide variety of requirements. Most prefer students who have met the CSU or UC entrance requirements. Check websites or contact the admissions office. SAT or ACT. Some require SAT Subject Exams. Check websites or contact admissions office for specific admission test requirements.

GRADUATION CHECKLIST FOR THE 4-YEAR COLLEGE-BOUND STUDENT


Although subject requirements are the same for the University of California and California State University systems, the GPA/Testing eligibility requirements differ. Please see your Counselor for details. The following UC/CSU checklist is for your personal planning. All questions regarding graduation or college requirements, however, should be directed to your Counselor. **Parents/guardians and students are ultimately responsible for ensuring completion of UC and CSU requirements.**

NOTE: For eligibility to apply to colleges and universities, all required College Preparatory coursework must be passed with a grade of “C” or better.

11 of the 15 UC approved courses must be complete prior to the conclusion of the junior year.

<p style="text-align: center;">SOCIAL SCIENCE: 30 Credits Meets UC/CSU “A” Requirement</p> <p>__ Modern World History (10) __ (H) Modern World History (10) __ AP European History (10) __ US History (10) __ AP US History (10) __ American Political Economy (10) __ AP Government (10)</p> <p style="text-align: center;">ENGLISH: 40 Credits Meets UC/CSU “B” Requirement</p> <p>__ English 1 (10) __ (H) American Literature (10) __ English 2 (10) __ (H) British Literature (10) __ English 3 (10) __ AP Language (10) __ English 4 (10) __ Mythology (10) __ AP Literature (10) __ ELD 3 (10)</p> <p style="text-align: center;">MATH: 30 Credits Meets UC/CSU “C” Requirement (UC/CSU Requires Completion of Algebra 2/Math 3)</p> <p>__ Algebra 1 (10-20) OR Math I (10) __ Geometry (10) OR Math II (10) OR Enh. Math II (10) __ Algebra 2 (10) OR Math III (10) OR Enh. Math III (10) __ Math IV (10) (+ “G” req.) __ Calculus AB or BC (10) __ Statistics (AP) (10) (+ “G” req.)</p>	<p style="text-align: center;">SCIENCE: 20 Credits of Lab Science Meets UC/CSU “D” Requirement</p> <p>__ Geophysical Science (10) (CSU Lab or UC “G” req only) __ Biology (10) __ AP Biology (10) __ Chemistry (10) __ AP Chemistry (10) __ Physics (10) __ AP Physics (10) __ Anatomy and Physiology (10) __ AP Environmental Science (10)</p> <p style="text-align: center;">WORLD LANGUAGE: 20 Credits of the same language Meets UC/CSU “E” Requirement</p> <p>__ Language 1 _____ __ Language 2 _____ __ Language 3 _____</p> <p style="text-align: center;">CSU/UC VISUAL/PERFORMING ARTS: Meets UC/CSU “F” Requirement 10 Credits (single course, year-long sequence)</p> <ul style="list-style-type: none"> • _____ • _____ <p style="text-align: center;">COLLEGE PREPARATORY ELECTIVES: Meets UC/CSU “G” Requirement</p> <p>10 Credits Over and above minimum requirements * 3rd year of Social Science (Political Economy) meets this requirement</p> <p>PHYSICAL EDUCATION: 20 Credits</p> <p>__ _____ __ _____ __ _____ __ _____</p> <p>__ HEALTH (5 Credits)</p> <p>TOTAL REQUIRED CREDITS INCLUDING ELECTIVES: 215</p>
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IRVINE HIGH SCHOOL BELL SCHEDULES

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