

MIRA LOMA HIGH SCHOOL



Course Description Handbook "Planning for High School and Beyond"

www.sanjuan.edu/miraloma

SAN JUAN UNIFIED SCHOOL DISTRICT

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If you believe you have experienced unlawful discrimination, please contact the District's Title IX Coordinator:

Linda C. T. Simlick, General Counsel
3738 Walnut Avenue
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MIRA LOMA HIGH SCHOOL

In Pursuit of Excellence

Our Mission

Embracing diversity and valuing excellence, Mira Loma High School's mission is to inspire and educate each student toward academic achievement, critical thinking, intrinsic success and responsible contributions to a peaceful international society by providing innovative, rigorous, student-focused instruction through a rich tradition of high-quality programs and dynamic activities in a safe, compassionate, and collaborative learning community.

Administration

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Mark Uhler, *Vice Principal*
LE Hey, *Vice Principal*
Steven Roman, *Vice Principal*
Jessica McNicol, *Principal Secretary*
Jenny Devries, *Vice Principal Secretary*

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Greg Hernandez, *Counselor*
Janis Walters, *Counselor*
Monique Young, *Counselor*
Michelle Parker, *Counselor*
Lisa Flores, *Counseling Secretary*

Mira Loma Staff

To find Staff emails go to:

<http://www.sanjuan.edu/domain/561>

All school programs, activities and student clubs are available to all students, without regard to actual or perceived characteristics of race or ethnicity, color, ancestry, nationality, national origin, immigration status, ethnic group identification, age, religion, marital or parental status, pregnancy, physical or mental disability, sex, sexual orientation, gender, gender identity, gender expression, or genetic information, or on the basis of a student's association with a person or group with one or more of these actual or perceived characteristics.

WELCOME TO MIRA LOMA HIGH SCHOOL

“The Home of the Mighty Matadors”

Setting long-range goals and developing an educational plan to meet those goals is one of the most important steps in a student's high school career. The first semester of high school is a critical period for many students and the decision as to which type of program to pursue should not be made without serious consideration of the student's past academic record and his/her future plans.

All students must complete the graduation requirements for Mira Loma High School. There are also necessary courses to be taken for admission to colleges and universities. The planning process must not be taken lightly. Careful consideration must be given not only to the choice of classes but to grades earned, credit awarded, attendance, citizenship, and college admission exams where required.



Forward

This booklet is intended to be a resource to guide parents and students in charting the four-year pathway required for graduation and post-secondary preparation. There are a number of questions that should be discussed and answered between the student and parents prior to using this booklet.

Question # 1: What is your primary educational goal at the conclusion of your senior year?

- a. Meet minimum college admission requirements (A-G requirement)
- b. Enter the community, state, or university college system prepared to take college-credit courses (avoiding remedial math and/or English placement)
- c. Be competitive for admission to an elite university
- d. Gain and enhance career-technical skills and experiences while meeting minimum college admission requirements

Question # 2: What area of study do you want to emphasize, if any? Does your student have natural abilities, interest, or a passion for a particular field?

Question # 3: Is there a career your student is interested in pursuing? Does your student want to enter a branch of the armed forces?

There are three major segments to the booklet which can guide you in developing an appropriate four-year plan.

Section 1: This section provides suggestions for each year of high school. This portion also provides the requirements for both high school graduation and college admission.

Section 2: This section describes special programs offered at Mira Loma High School and suggested paths for completing high school and moving towards post-secondary education. There are sample tables illustrating possible student schedules and a 4-year planner to plan your student's four-year high school program. Visit Naviance, linked through the Mira Loma website to create a 4-year planner as well.

Section 3: This section is dedicated to course descriptions listed by each department. It is important to note that some of the elective courses listed in the guide are not offered every year. Required courses are always offered, but only those elective courses that generate appropriate sign-ups and have adequate staffing are actually taught in any given school year. Please pay particular attention to the pre-requisites that many of the courses require.

Our goal is to provide the best information we can for parents and students to develop academic and career preparation.

Your involvement, knowledge of requirements, and consistent progress monitoring through "Q" (our online grade system) is critical to your student's success

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SECTION 1: A MATADOR'S OVERVIEW OF HIGH SCHOOL & BEYOND

"Take the Bull by the Horns"

Freshman Year

1. Meet with your high school counselor. Make an appointment with your counselor to get answers to your questions. You will find the Counseling Office in the "A" Wing. Visit the counseling website: <http://www.sanjuan.edu/domain/562>
2. Now is a good time to start volunteering in the community and become involved in school extracurricular activities. Join a club!!! Become part of a Matador Athletic or Academic Team!!!
3. Start strong with good study habits, an organized planner (Freshmen can purchase these from ML) and a study space with no distractions (social media, phones and video games are rewards for getting the work done!) Remember: C's or better will get you to college!
4. The transition to high school is a big transition! Some students glide through making friends easily, pass classes and meet their goals. Other students hit bumps in the road. **Communication** is the key to overcoming these bumps. Meet with a counselor, coordinator or trusted staff member when things are tough.
5. Know your Parent and Student Portal/Q Passwords. Q is our computer Grade and Attendance website. Parents and students should check Q for updates on grades and progress. The student's pin is: your last name, the first initial of the your first name and the last four digits of your ID number. The student's password is automatically generated by the district office upon the time of enrollment.
6. Start a summer reading list. Independent reading and study will help you prepare academically for college. This is a good way to develop interests, expand knowledge, and improve your vocabulary and reading comprehension skills needed for college and the SAT or ACT.

Sophomore Year

1. Continue with the good habits of studying and communication you started in your Freshman year! Your college GPA for most CSU/UC is calculated from your grades in the 10th and 11th grades.
2. Check in with your counselor and coordinators for guidance with your course plan and goal setting.
3. Keep checking Q for grades and attendance.
4. Make sure to take the free PSAT exam provided by San Juan Unified at Mira Loma during the school day.

5. Continue volunteering in the community, be involved in school extracurricular activities, clubs and sports.
6. Visit colleges and the workplace with a parent or friend of the family. Visit “NAVIANCE”, a comprehensive career and college website. Attend “College Sunday” and a college fair at Mira Loma or other school.

Junior Year:

1. Continue with the good habits of studying and communication! Grades count in the 10th and 11th grade for your college GPA for most CSU/UC (Check admissions for other colleges).
2. Check in with your counselor and coordinators for guidance with your course plan and goal setting AND testing dates and deadlines!
3. Keep checking Q for grades and attendance.
4. Juniors will take the PSAT in October and can qualify for the National Merit Scholar Program. (See PSAT on the web for more information on this program).
5. Start narrowing your career & college choices by visiting colleges and the workplace with a parent or friend of the family. Visit “NAVIANCE”, a comprehensive career and college website. Research technical schools, community colleges & universities for “Fit”. Do your GPA and test scores match? Do you like the environment of the campus? Can you afford it? Does it have the best program/s for you?
6. Take SAT Subject Tests (SAT II). It is recommended to take these tests close to completion of the class associated with the subject.
7. Register in early spring to take the SAT Reasoning Test and/or ACT in April, May, or June.
8. Attend “College Sunday” and a college fair in the area. Also, meet with a college representative. The counseling office has a wide variety of college representatives that visit the campus throughout the school year. These are posted in the daily bulletin.

Senior Year:

1. Meet with your counselor and coordinator to make sure you are on track for graduation and special program requirements.
2. Continue checking Q, communicating with your teachers & families, Exploring Naviance and other websites for career and college ideas and opportunities.

3. **KNOW THE MATADOR DEADLINES:** Senior Portraits, Ordering invitations & gowns, testing dates, application deadlines, financial aid (FAFSA, priority deadline, March 2)
4. Register in SAT Reasoning Test and/or ACT. Most universities require these tests be completed no later than October or December (Check colleges for more information).
5. Submit fall college applications in: **SEPTEMBER-OCTOBER** for “Early Admission” & “Early Decision”,
NOVEMBER for University of California, **OCTOBER-NOVEMBER** for California State University,
WINTER for community colleges, **OCTOBER-FEBRUARY** for Private universities (check their websites).
6. Watch for scholarships listed in the high school counseling office and on “NAVIANCE”
7. **JAN 1** – Apply online or send the Free Application for Federal Student Aid (FAFSA) form as soon as possible after January 1. **MARCH 2**- Cal Grant applications are due (see counseling or the FAFSA website).
8. **DO NOT FALL VICTIM TO “SENIOR-ITIS”**. Enjoy your time as a senior but work hard. You are in the final stretch to meeting your goal!



MATADOR GRADUATION REQUIREMENTS

Graduating Classes of 2024-2025

220 credits total, including the following required subjects:

Five credits earned for successful completion of each course every semester when a student receives a "D" or better.

For A-G consideration, courses must be met with at least a "C-" grade or better.

English.....40 credit. Must include English 1-4 or the equivalent.

Math.....20 credits Includes successful completion of IM1 (or higher and 1 additional math class beyond

Social Science.....30 credits IM1 (IM2 or higher).

World History.....10 credits

US History.....10 credits

Government/Economics.....10 credits

Social Studies Elective.....5 credits

Science.....30 credit. Must be UC/CSU approved to include:

Life Science.....10 credits

Physical Science.....10 credits

Physical Education.....20 credits Grades 9 and 10

Health.....5 credits

World Language20 credits Must be 2 credits of the same language

Visual/ Performing Arts.....10 credits Must be 10 credits of the same VAPA to

Additional Credits110 credits meet A-G

Must include English 1-4 or the equivalent Includes successful completion of IM1 (or higher) and 1 additional math class beyond IM1 (IM 2 or higher).

Must be UC/CSU approved to include:

Grades 9 and 10

For A-G consideration, courses must be passed with at least a C- grade.

Physical Education

20 credits Health....

5 credits Visual/Performing Arts.....

10 credits Additional Credits.. 110 credits

Matadors on the Road to College

CSU/UC Requirements

Check Private University & Out of State websites for their specific admissions requirements

A-g Subject Areas	California State University	University of California
A: History/Social Sciences	2 Years	2 Years (1 year World History & 1 Year US History or 1 semester US History & 1 semester American Govt.)
B: English	4 Years	4 Years
C: Mathematics	3 Years (through IM3)	3Years (through IM3 with 4years recommended)
D: Lab Science	2 Years (1 physical & 1 biological)	2 Years (1 physical & 1biological) (3 recommended)
E: World Languages	2 Years (same language)	2 Years (same language with 3 years recommended)
F: Visual & Performing Arts	1 Year	1 Year
G: Elective Courses	1 Year	1 Year

******Must earn a "C" or better in all the above courses to meet eligibility******

UNIVERSITY OF CALIFORNIA (UC)

The University of California (UC) system includes ten four-year campuses plus one graduates-only campus.

The UC campuses offer a variety of BA and BS degrees. To qualify for entrance, students must have a high school diploma or a California Proficiency Certificate. Explore average GPA and test scores for admissions through **Naviance** <https://connection.naviance.com/fc/signin.php?hsid=miraloma> as well as individual UC websites.

The University of California system includes: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, and Santa Cruz. San Francisco does not accept undergraduates.

Students must follow a university preparatory program and must earn 'C' or better grades in the required courses. Students must complete 15 college-prep courses (11 by the junior year). In addition students will take the ACT and/or SAT examination. SAT 2 Subject Tests are no longer required for most UC campuses but some departments recommend the SAT 2 Subject Tests (Look to individual campuses and departments for more information). Entrance GPA and requirements may vary depending on the major area of study and the campus selected. Consult your counselor for more information. * For specific UC/CSU approved course list of Mira Loma High School please visit <https://hs-articulation.ucop.edu/agcourselist#/list/search/institution>

For general UC information refer to www.ucop.edu or www.CaliforniaColleges.edu.

CALIFORNIA STATE UNIVERSITY (CSU)

California State University (CSU) includes 23, four-year universities offering a variety of BA and BS Degrees

To qualify for entrance, students must have a high school diploma or California Proficiency Certificate. The California State University System includes: Bakersfield, Channel Islands, Chico, Dominguez Hills, East Bay, Fresno, Fullerton, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Luis Obispo, San Marcos, Sonoma, and Stanislaus.

Students must follow a university preparation program and must successfully complete the required courses with a 'C' or better. Explore average GPA and test scores for admissions through *Naviance*, <https://connection.naviance.com/fc/signin.php?hsid=miraloma> In addition, students will take the ACT and/or SAT examination. CSU planning may be done at the web site at <http://www2.calstate.edu/apply>, www.calstate.edu, www.CaliforniaColleges.edu or make an appointment with your counselor for more information.

English Placement Test (EPT) and Entry Level Math (ELM) testing must be done before registering for classes. These may be satisfied by appropriate scores on the SAT I or ACT tests, achievement tests, SAT II, AP tests, or successful completion of the appropriate

community college courses. Students who score 560+ in math on the SAT I and 550+ in English are exempt from taking the EPT and ELM test. Students who don't pass the test must take remedial classes the first year of college.

The Early Assessment Program is available to students who are juniors and complete the CST during spring of their junior year. The English and math portions are used to determine the placement standards of potential CSU students. Special scores are computed composed of a subset of relevant CST items plus the CSU augmented items. Specified levels of these scores indicate meeting CSU standards. After 11th graders take the test, they will be notified whether they have either met the CSU expectations (and are exempt from any additional CSU placement tests) or whether they need additional preparation in order to be successful in college-level work. Those who need extra work will have their entire senior year to prepare further.

PRIVATE COLLEGES

There are many private colleges and universities. Their entrance requirements are similar to those of the University of California or the California State University systems. Consult your counselor and the individual college admissions offices for information. For further information refer to www.petersons.com.

COMMUNITY COLLEGES

The California Community College system offers A and AS degrees and certificates, two-year transfer programs where the classes taken for credit can be transferred to four year systems, and training in many trades and technical fields. Students who are 18 years of age may attend a community college even though they may not have graduated from high school. For further information refer to www.CaliforniaColleges.edu or www.lorios.edu.

TECHNICAL AND BUSINESS SCHOOLS

These schools offer certificates for training in a variety of vocational occupations. Most require a high school diploma or its equivalent. Some are available here in the Sacramento area.

MATADOR SPORTS NCAA ELIGIBILITY

NCAA Core Grade Point Average

Course Work Requirements for NCAA athletics and NCAA scholarships

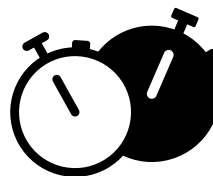
Division 1: 16 Core Courses	Division II: 16 Core Courses
4 years of English	3 years of English
3 years of math (algebra 1 or higher)	2 years of Math (algebra 1 or higher)
2 years of natural or physical science (including 1 year of lab science if offered)	2 years of natural or physical science (including 1 year of lab science if offered)
1 year of additional English math or natural/physical science	1 year of additional English math or natural/physical science
2 years of social science	2 years of social science
4 years of additional courses (any area above, foreign language or comparative religion/philosophy)	4 year of additional courses (any area above, foreign language or comparative religion/philosophy)

Division 1 Eligibility

- All students entering college must have completed 16 core courses in high school.
- Students must earn a minimum required GPA of 2.3 in core courses and a combined SAT or ACT sum score that matches this GPA on a sliding scale, which can be found in the NCAA's Eligibility Center's website (www.eligibilitycenter.org)

Division II Eligibility

- All students entering college must have completed 16 core courses in high school.
- Standards require a minimum GPA of 2.2 and a combined minimum SAT score of 820 or sum ACT score of 68.



NCAA Core Grade Point Average

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA eligibility Center's website will be used to calculate your core-course GPA. Use the above list as a guide.
- A four-year college preparatory course: a course at or above the high school's regular academic level, for example, an AP® class or outside college course.

Remedial course, or those taught at a slower pace or that cover less content are not admissible and not all classes that meet high school graduation requirements meet NCAA course work requirements.

Help your student check your high school's list of approved core courses on the Eligibility Center's website: www.eligibilitycenter.org

Meeting NCAA admission requirements does not guarantee admission into college - it simply determines whether students may participate in athletics during their freshman year. Students must follow each member college's admission policies and apply directly to that college.



Useful Websites To Visit

College & Career Resources

(Sign into your student portal)

www.csussuccess.org

www.universityofcalifornia.edu

www.losrios.edu

www.californiacolleges.edu

www.collegequest.com

www.petersons.com

www.web3ncaa.org

College planning, admissions to CSUs, Campus Tours

College Planning, admissions to UC

Information about local community colleges

Explore colleges, career information, admission Explore colleges

Explore colleges

NCAA requirements

Financial Aid

<https://studentaid.ed.gov>

www.csac.ca.gov

www.cash4college.csac.ca.gov

www.ecmc.org

www.finaid.org

Financial Aid Application (FAFSA)

CA Student Aid Commission, Cal Grant information

Cash for College information

Student Loan Information

Guide to Financial Aid

Scholarship Information

www.collegenet.com

www.collegequest.com

www.fastweb.com

www.finaid.org

www.hsf.net

www.scholarshare529.com

www.fastaid.com

<https://gmsp.org>

www.scholarships.com

SAT/ACT Websites

www.actstudent.org

www.collegeboard.com

For ACT registration and information

For SAT 1/SAT 2 registration and information

Tutoring

Peer Tutoring – Every Monday, Tuesday Wednesday and Friday in the Library after school 3:35 – 4:30pm – FREE

Need help in Math? – All math lessons now on-line at www.mrmathblog.com, every class, every lesson

MATADOR SCHEDULE CHANGE GUIDELINES

Students must make sound decisions at the time they register for classes. Changes in a student's schedule are only made if the student is missing a class, needs a class for graduation or has been placed in the wrong level class. Requests for changes for any other reason (s) will be denied as the decisions students and their parents make at the time of registration determine both the number of sections of classes and the assignment of teachers.

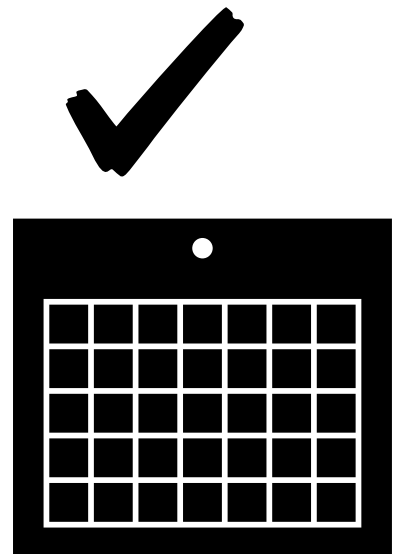
Students must stay in the courses that they are registered for unless:

- a) They are in a course they took during summer school
- b) They did not receive a "c" or better in previous course work, (if it is a required class)
- c) They need to repeat a course they previously failed
- d) They are enrolled in a course they have completed

How to make changes: Pick up the Schedule Change Request Form from the counseling office. Write in your requested changes. Submit the form at the counseling office. Your counselor will review your request as soon as possible.

NO CHANGES WILL BE MADE AFTER THE FIRST 2 WEEKS OF BOTH FALL SEMESTER AND SPRING SEMESTER UNLESS A STUDENT/ PARENT / TEACHER / ADMINISTRATOR / COUNSELOR CONFERENCE IS HELD AND THERE IS AN AGREEMENT THAT THE MOVE IS IN THE BEST ACADEMIC INTEREST OF THE STUDENT.

The following provisions will serve as guidelines for grading when a student fails to complete a class in which he/she is formally enrolled.

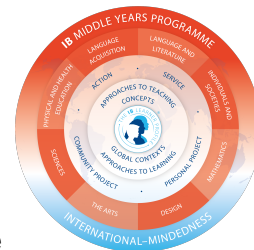


SECTION 2: MATADOR PROGRAMS & COURSE PLANNING

Mira Loma prides itself in its special programs. There is a program for every student at Mira Loma High School. Students are encouraged to choose the program that works best for them and may participate in multiple programs. Our programs include:

International Baccalaureate Middle Years Program (MYP)

Description: The IB MYP is for college bound students in 9th and 10th grade at Mira Loma High School. The program is an honors program that prepares the student for college and the IB Diploma Years Program. The MYP provides 6-8 subjects in which students are taught and assessed using internationally created framework and rubrics. The MYP culminates with the Personal Project in the 10th grade and requires 20 hours of community service in 9th grade and in 10th grade.



Admissions: Student must fill out an MYP application found on the Mira Loma website <http://www.sanjuan.edu/MiraLoma.cfm>. Students should earn A's and B's in their middle school and score 85% on a state exams. Contact coordinator or counselors with questions.

Students will complete 6-8 of the subjects below

Language A: MYP Honors English 4 & 5
Language Acquisition: MYP Chinese, French, Japanese, Spanish
Humanities: MYP Honors World History, MYP Honors US History
Mathematics: IM1/IM2/IM3/Pre-Calculus, AP Calculus
Sciences: Honors Biology, Honors Chemistry, Chemistry, Honors **Physics**
Arts: IS/MYP Drama, IS/ MYP Global Art, IS/MYP Music
MYP PE
Technology (integrated into the arts)

International Baccalaureate Diploma Years Program (DP)

Description: The IBDP is for college bound students in 11th and 12th grade at Mira Loma High School. The program is an honors program that prepares the student for college. DP students choose 6 subjects and Theory of Knowledge (TOK) which are assessed using international standards. DP students must complete an Extended Essay in their 12th grade year and will complete 150 CAS hours (creativity, action and service). A student can choose to participate in the DP as an "Mira Loma Associate" student which requires 4 subjects, TOK and 100 CAS hours (no Extended Essay) or "Certificate" student which is for student who complete any 1 exam (no CAS hours or Extended Essay).



Full Diploma Students will test in 6 of the subjects below or 3 Standard Level-SL)

- Language A:** IB English 1 & 2
 - Language B:** IB Chinese, French, Japanese, Spanish
 - History:** History of the Americas & Global Studies, IB Economics
 - Mathematics:** IB Math Studies 1, IB Math Methods 2, IB Math 3&4
 - Sciences:** IB Ecosystems & Society 1 & 2, IB Biology 1 & 2, IB Physics
 - Arts:** IB Theater, IB Art, IB Music
- Theory of Knowledge**

Higher Level (HL) courses require the students to spend a minimum of 240 hours of instruction/lab time spread over grades 11 and 12. Assessments are more complex and thorough than Standard Level testing.

Standard Level (SL) courses require 150 hours of instruction/lab time spread over grades 11 and/or 12.

In general, assessments are less complex and lengthy as their HL counterparts.

International Studies Program (IS)

Description: The IS Program is a 4-year interdisciplinary program for college bound students. Students in the IS Program work to earn the I.S. Diploma, which requires students to complete the A-G coursework for CSU and UC universities. I.S. students complete signature interdisciplinary projects called “Touchpoints” which require students to make connections between the knowledge gained in their classes. These projects have been created collaboratively by teachers within the program and are assessed using common rubrics in multiple subjects. Students will complete 100 community service hours. Students can choose to complete the IS Certificate which includes all IS Coursework and 100 Community Service Hours.



Admissions: Student must fill out an IS application found on the Mira Loma website <http://www.sanjuan.edu/MiraLoma.cfm>. Contact the coordinator or counselors with questions.

English Language Learners (ELL)

Description: Mira Loma’s English Language Learner program supports student who are acquiring their English language skills. The students will be assessed and placed in to the appropriate courses and be re-evaluated as their skills develop.



Admissions: ELPAC testing will determine placement.

Special Education (SPED & ILS)

Description: Mira Loma's Special Education Program is for students on and Individual Educational Plan (IEP).

Admissions: Students will be placed in Special Educations Classes determined by their IEP and their case manager.

MIRA LOMA HIGH SCHOOL GRADUATION PLANS

Example of Possible Course Plans for Different Program Goals

Traditional Plan

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	English	English	English
Math (IM1 or higher)	Math	Math	Science
Biology	World History	US History	Amer Gov't /Econ
Language	Language	Science	SSE / Health
PE	PE	Elective	Elective / CTE
Art / Elective	Art / CTE / Elective	Art / CTE / Elective	Elective / CTE

International Studies

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	English	English	English
Math (IM1 or higher)	Math	Math	IS Art
World History	Physical Science	US History	Amer Gov't / Econ
Language	Language	Science	SSE / Health
PE	PE	Elective	Elective / CTE
Biology	IS Art	Art / CTE / Elective	Elective / CTE

International Baccalaureate (Please see your counselor for a personalized IB Plan)

9 th Grade	10 th Grade	11 th Grade	12 th Grade
MYP English 4	MYP English 5	IB English 1	IB English 2
Math (IM1 or higher)	Math	Math / IB Math	IB Selection
MYP World History	MYP US History	Language	IB Selection
Language	Language	IB Selection/IB	IB Selection
PE	MYP Art / MYP PE	IB Selection	IB Selection
Honors Biology / Honors Chemistry	Honors Chemistry / H. Physics / Conceptual	IB Selection	Theory of Knowledge

*Health, American Government, and PE may need to be completed through alternative methods to meet graduation requirements.



Four Year Planner

Name: _____ Student # _____

Class of _____

	Credits	Grade 9 (Freshman)	Grade 10 (Sophomore)	Grade 11 (Junior)	Grade 12 (Senior)
A. Social Studies	20	World History/ MYP Hon 4/ IS World History	World History/ Honors US History	Us History/ IB History 1 (HOA) IB Anthropology	IB History 2 Global Studies) IB Anthropology
B. English	40	English 1/ IS English/ MYP English 4	English 2/ IS Eng 2/ MYP Eng 5	English 3/ IS English 3 IB English 3	English 4/ Creative Writing/ IB Eng 2
C. Math (10 credits Alg1 B or +)	20	Math Foundations Integrated Math 1 Integrated Math 2 & 2+ Integrated Math 3 & 3+ Pre Calculus AP Calculus	Integrated Math 1 Math Modeling Integrated Math 2 & 2+ Integrated Math 3 & 3+ Pre Calculus AP Calculus	Integrated Math 2 Integrated Math 3 & 3+ Pre Calculus AP Calculus IB Math 1/2/3	Integrated Math 2 Integrated Math 3 Pre Calculus/AP Calculus Financial Math/Statistics IB Math 1/2/4
D. Science Life & Physical	20	Biology Honors Biology Honors Chemistry	Biology/ Hon Bio/Chem Honors Chemistry Physics/ Hon Physics	Earth Science Biology/ Chemistry Physics IB Bio1/IB Chem/ IB Physics Env Life/ Ecosystems 1	Earth Science Biology/ Chemistry Physics IB Bio1/IB Chem/ IB Physics Env Life/ Ecosystems 2
E. Language	20	Chinese/ French/ Japanese/ Spanish	Chinese/ French/ Japanese/ Spanish	Chinese/ French/ Japanese/ Spanish	Chinese/ French/ Japanese/ Spanish
F. Visual and Performing Arts	10	Beginning Art Beginning Ceramics Band/ Choir/ Guitar MYP Drama Digital Art/Digital Photo	Beginning/Advanced Art Beginning/Advanced Ceramics Band/ Choir/ Guitar MYP & IS Global Art Adv Choir/ MYP and Adv Drama Digital Art/Digital Photo Health Services Exploring Comp Sci	Beginning/Advanced Art Beginning/Advanced Ceramics Band/ Choir/ Guitar IB Art/ IB Theatre Adv Choir/ MYP and Adv Drama Digital Art/Digital Photo Medical Careers Exploring Comp Sci AP Computer Science	Beginning/Advanced Art Beginning/Advanced Ceramics Band/ Choir/ Guitar IB Art/ IB Theatre Adv Choir/ MYP and Adv Drama Digital Art/Digital Photo CTE Medical Assis Program Exploring Comp Sci AP Computer Science Cyber Security
G. Academic Elective	10				
Physical Education	20	Physical Education 1	Physical Education 2	Physical Education 3	Physical Education 4
Am. Gov (5) Economics (5)	10			IB Economics (1 year)	Am Gov (1 sem) Econ (1 sem) IB Econ (1 yr)
Health	5		Health	Health	Health
Social Studies Elective	5		Geography/ You and the Law	Psychology You and the Law	Psychology
Elective		Creative Writing/ Digital Art/ Advanced Concert Band/ Student Gov/ Yearbook	Creative Writing/ Digital Art/ Advanced Concert Band/ Student Gov/ Weight Training/ Bball/ Soccer/ Yearbook	Creative Writing/ Digital Art/ Advanced Concert Band/ Student Gov/ Weight Training/ Bball/ Soccer/ Yearbook	Creative Writing/ Digital Art/ Advanced Concert Band/ Student Gov/ Weight Training/ Bball/ Soccer/ Yearbook/ TOK
Summer School					
Yearly Credit Total	220				



INTERNATIONAL STUDIES 4-YEAR PLANNER

IS Diploma Requirements

Meets all graduation, IS Certificate, IS Diploma, and CSU/UC prerequisites.



	Freshmen	Sophomore	Junior	Senior
1	IS English 1	IS English 2	IS English 3	IS English 4
2	IS World History	IS Global Art	IS American History	IS Global Art 2
3	Math Students must at least pass IM3	Math	Math	Elective/Math
4	Biology	Physics	Chemistry	Economics / American Government
5	P.E.	P.E.	Elective or Health/ SSE*	Elective/Health/SSE*
6	World History / Elective	World Language	World Language	World Language / Elective
	Community Service Hours	Community Service Hours	Community Service Hours	

* Community Service Hours -- Can be done during the regular school year and/or during summer time.

The International Studies Diploma Path: Students fulfill all CSU and UC college entrance requirements, completion of 100 hours of Community Service and a minimum GPA of 3.0 to earn this diploma. At graduation they've earned the privilege of wearing distinctive International Studies Diploma Regalia signifying their dedication and achievement. The IS Diploma graduate transcripts also reflect that the student earned the IS Diploma.

The International Studies Certificate Path: Students complete all high school graduation requirements; pass all IS classes with a C or higher, completion of 100 hours of Community Service, and a minimum GPA of 2.5 to earn the IS Certificate. At graduation they've earned the privilege of wearing the International Studies Certificate Regalia signifying their dedication and achievement.

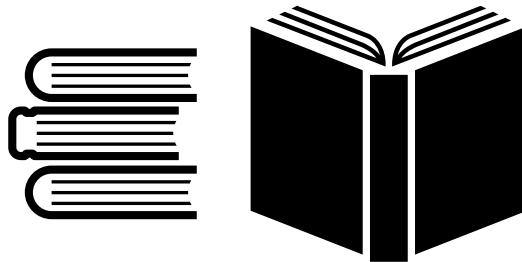
*SSE stands for "Social Studies Elective" a Graduation required semester course. SSE options include "Geography," "You and the Law and "Psychology."

SECTION 3: MATADOR COURSE DESCRIPTIONS

These descriptions are provided as a guide to assist parents and students in academic planning. Courses offered are designed to meet high school graduation, vocational planning and college admissions. Course availability is determined by student interest and need derived from pre-registration each spring. If there are not enough students requesting a class, or if an appropriate teacher is not available, it may not be offered.

Although the counseling staff tries hard to accommodate student requests, it is impossible to guarantee that a student will be placed in a particular class. We do guarantee they get what they need to graduate over the four-year period and move on to the next level of post-secondary education.

All courses receive 5 credits each semester. Career Technical Education classes (CTE) receive between 2.5 and 15 credits each semester. If you receive credit for a course then repeat that course to improve your grade, you do not receive duplicate credit.





SOCIAL SCIENCE DEPARTMENT

Course Name: **WORLD HISTORY**

Grade Level: 9th – 10th

Duration: 2 semesters

Prerequisites: None.

Graduation Req.: Meets World History graduation requirement.

Meets UC "a" requirement and CSU "elective History" requirement. Meets NCAA eligibility.

This course is fully aligned with the California State History/Social Sciences Standards. It is required for high school graduation. In this course students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. Students will apply their knowledge of western political thought, revolutions, industrialism, imperialism, the great wars and nation building to enhance their critical thinking and writing skills.

Course Name: **IS WORLD HISTORY**

Grade Level: 9th – 10th

Duration: 2 semesters

Prerequisites: None.

Graduation Req.: Meets World History graduation requirement. Meets UC "a" requirement and CSU

"elective History" requirement. Meets NCAA eligibility.

This course is fully aligned with the California State History/Social Sciences Standards. It is required for high school graduation. In this course students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. Students will apply their knowledge of western political thought, revolutions, industrialism, imperialism, the great wars and nation building to enhance their critical thinking and writing skills. As part of the IS program, students in IS World History, complete inter-disciplinary TouchPoint projects with IS English 1. These projects help students to recognize the connections between history and other disciplines and provide a greater challenge for college-motivated students. Co-enrollment in IS English 1 is required as is admission to the IS program.

Course Name: **MYP HONORS WORLD HISTORY**
Grade Level: 9th
Duration: 2 semesters
Prerequisites: Approval based on district criteria.
Graduation Req.: Meets World History graduation requirement.
Meets UC "a" requirement and CSU "elective History" requirement. Meets
NCAA eligibility.
Weighted: Yes

This course meets and exceeds the California State History/Social Sciences Standards with an emphasis on extensive use of primary and secondary source reading materials. It is required for the high school graduation and the International Baccalaureate Middle Years Program Certificate. In this course students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. Students will apply their knowledge of western political thought, revolutions, industrialism, imperialism, the great wars and nation building to enhance their critical thinking and writing skills.

Course Name: **(SDAIE) WORLD HISTORY**
Grade Level: 9th - 12th
Duration: 2 semesters
Prerequisites: English Language Learners in ELD
Graduation Req.: Meets World History graduation requirement.
Meets UC "a" requirement and CSU "elective History" requirement. Meets
NCAA eligibility.
Requirement Meets NCAA eligibility

(SDAIE) Specially Designed Academic Instruction in English. This class is taught by a CLAD or similarly credentialed teacher who has training in teaching English as a Second Language Learners. Teachers use various sheltered techniques such as: Pacing, Visuals, TPR total physical response, Realia, Comprehensible Inputs and Graphic Organizers. This course is aligned with state social science standards. This course meets the graduation requirements for World History. In this course students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. Students examine the relationships between current issues and their historical, geographic, political, economics, and cultural contexts and grow to understand that contemporary issues exist in political, economic, social, cultural, geographic, and historical aspects.

Course **U.S. HISTORY**

Name:

Grade Level: 11th

Duration: 2 semesters

Prerequisites None.

:

Graduation Meets U.S. History graduation requirement.

Req.:

Meets UC "a" requirement and CSU "U.S. History" requirement. Meets NCAA eligibility. This course is fully aligned with state standards. U.S. history is required for high school graduation and for admission to colleges and universities.

In this course students examine major turning points in American history in the twentieth century. A brief review of key concepts from eighteenth and nineteenth century history is also included. During the year the following themes are emphasized: the expanding role of the federal government and federal courts; the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the role of the federal government and Federal Reserve System in the economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. In each unit students examine American culture, including both causes and affects of that culture at the time, and how that culture might have differed based on geography and demographics.

Course **I. S. U.S. HISTORY**

Name:

Grade Level: 11th

Duration: 2 semesters

Prerequisites: None.

Graduation Meets U.S. History graduation requirement.

Req.:

Meets UC "a" requirement and CSU "U.S. History" requirement. Meets NCAA eligibility. This course is fully aligned with state standards. U.S. history is required for high school graduation and for admission to colleges and universities.

In this course students examine major turning points in American history in the twentieth century. A brief review of key concepts from eighteenth and nineteenth century history is also included. During the year the following themes are emphasized: the expanding role of the federal government and federal courts; the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the role of the federal government and

Federal Reserve System in the economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. In each unit students examine American culture, including religion, literature, art, drama, architecture, education, and the mass media. This course works inter-disciplinarily with I.S. English 3.

Course Name: **MYP HONORS U.S. HISTORY**

Grade Level: 10th - 11th

Duration: 2 semesters

Prerequisites: Honors World History and Honors English with a minimum grade of C or higher or Regular World History with a minimum grade of A and Department Chair approval.

Graduation Req.: Meets U.S. History graduation requirement.

Meets UC "a" requirement and CSU "U.S. History" requirement. Meets NCAA eligibility.

Weighted: Yes

Students will examine major turning points in American History during the nineteenth and twentieth century. During the year certain themes will be emphasized: the expanding role of the federal government and federal courts; the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. Students will evaluate and explain historical events through the five Areas of Interaction. Students will develop intellectual and social skills critical to the development of a well-balanced individual. Students will recognize relationships between school subjects and the outside world by combining knowledge, experience, and critical observation. The students will understand and explain the State of California United States History standards. In addition, the students will be given guidance with their IBMYP Personal Project.

Course Name: **(SDAIE) U.S. HISTORY**

Grade Level: 11-12th

Duration: 2 semesters

Prerequisites: English language Learners in ELD

Graduation Req.: Meets U.S. History graduation requirement.

Meets UC "a" requirement and CSU "U.S. History" requirement. Meets NCAA eligibility.

(SDAIE) Specially Designed Academic Instruction in English. This class is taught by a CLAD or similarly credentialed teacher who has training in teaching English as a Second Language Learners. Teachers use various sheltered techniques such as: Pacing, Visuals, TPR total physical response, Realia, Comprehensible Inputs and Graphic Organizers. SDAIE classes often have translators assigned to assist the teacher and students during their class work. This course is fully aligned with state standards. U.S. history is required for high school graduation and for admission to colleges and universities. In this course students examine major turning points in American history in the twentieth century. A brief review of key concepts from eighteenth and nineteenth century history is also included. During the year the following themes are emphasized: the expanding role of the federal government and federal courts; the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the role of the federal government and Federal Reserve System in the economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. In each unit students examine American culture, including religion, literature, art, drama, architecture, education, and the mass media.

Course Name: **IB HISTORY OF THE AMERICAS/IB GLOBAL STUDIES (HL)**
Grade Level: 11th – 12th
Duration: 4 semesters
Prerequisites: C or higher in MYP US History and MYP World History, C or higher in IB HOA (Global Studies only).
Graduation Req.: Meets Graduation Requirement (Government, Economics and the Social Science Elective.)
Meets UC and CSU requirements. Meets NCAA eligibility.
Weighted: Yes

This two year IB History course covers the major historical events in the Americas (year 11) and the major historical events in the 20th Century (year 12). This course involves a thorough examination of our modern world with an emphasis on the interaction of people and events, the formation of students' own opinions of events and analysis of the progression of history over time. The primary aim and focus of the course is to guide students towards independent historical analysis. Skills emphasized include: primary and secondary source analysis, formation and completion of independent research, understanding of historical cause and effect, ability to articulate knowledge and opinions orally and in writing, synthesis of information and the ability to use that information to analyze new information. The junior year (HOA) will focus on the history of Latin America from Independence to the advent of modern day democracies. The senior year (Global

Studies) will focus on topical units such as Communism in Crisis, Arab- Israeli Conflict and Peacekeeping and Peacemaking in the Intra War Years. At the end of this course, students will take the IB Higher Level exam where they can earn college credit for a passing score.

Course Name: **PSYCHOLOGY**
Grade Level: 11th – 12th
Duration: 1 semester
Prerequisites: None
Graduation Req.: Meets Social Science graduation requirement. Meets UC "f" requirement and CSU "elective Social Science" requirement. Meets NCAA eligibility.

An introductory course in Psychology which covers its history, modern psychological trends, psycho biology and human developmental psychology from birth to death. The course explores states of consciousness, learning, memory, intelligence, emotions, personality and abnormal behavior. Requirements include written assignments on a regular basis and a major research paper.

Course Name: **CONSTITUTIONAL RIGHTS AND CRIMINAL LAW**
Grade Level: 10th – 12th
Duration: 2 semesters
Prerequisites: None
Graduation Req.: Meets Social Science graduation requirement.

Constitutional Rights and Criminal Law is a class that explores the American criminal justice system. Students will participate in varies mock trials and simulations, to learn the various roles in which citizens participate in the legal process.

Course Name: **IB SOCIAL AND CULTURAL ANTHROPOLOGY (SL)**
Grade Level: 11th – 12th
Duration: 2 semesters
Prerequisites: Good standing in current classes
Graduation Req.: Meets Social Studies graduation requirement.
 Meets UC "g" requirement and CSU "elective Social Science" requirement.

Weighted: Yes

IB Social and Cultural Anthropology is about “making sense of other people’s worlds, translating their experiences and explaining what they are up to, how their societies work and why they believe in whatever it is that they believe in” (Eriksen, 2006). Anthropology contributes to intercultural awareness and understanding, which is the essence of an IB education. Anthropology’s distinctive approach seeks to unravel the

complexities of what makes us human. In this course, students will investigate many topics related to social groups including: evolutionary behavior, linguistics, gender, race, kinship, health, art, media, sexuality, politics, power, class and inequality. Students will explore these topics through anthropological concepts, methods, language and theories. The heart of anthropology, as a discipline, is producing insights about a social group in the form of ethnographic material. In addition to textbooks, students will read from a wide variety of ethnographies. Students are given the opportunity, through a guided Internal Assessment activity, to engage in authentic anthropological practice. By the end of the course, students will be well prepared to take the IB SL exam as well as answer, “how are we the same as and different from each other?”

Course Name: **IB ECONOMICS (SL)**

Grade Level: 11th – 12th

Duration: 2 semesters

Prerequisites: C+ or higher in MYP US and MYP World History

Graduation Req.: Meets Social Science elective credit and UC/CSU “g” requirement.

IB Economics is a college level course which focuses on international economic issues. Students will learn the tools of economic analysis and apply those tools to current issues. Students who successfully complete IB Economics can take a standard-level IB examination in May.

Course Name: **ECONOMICS**

Grade Level: 12th

Duration: 1 semester

Prerequisites: Senior status.

Graduation Req.: Meets Social Studies graduation requirement.

Meets UC "f" requirement and CSU "elective Social Science" requirement.

Meets NCAA eligibility.

This semester course is fully aligned with state standards. Economics is a required course for high school graduation and for admission to colleges and universities. In this course, students deepen their understanding of the economic problems and institutions of the nation and world. They learn to make reasoned decisions on economic issues as citizens, workers, consumers, business owners and managers, and members of civic groups. This is a social science course, enriching student understanding of the operations and institutions of economic systems, rather than a course in household or business management or budgeting.

Course Name: **AMERICAN GOVERNMENT**

Grade Level: 12th
Duration: 1 semester
Prerequisites: Senior status.
Graduation Req.: Meets graduation requirement.
Meets UC "a" requirement and CSU "Government" requirement. Meets NCAA eligibility.

This semester course is fully aligned with state standards. American Government is a required course for high school graduation and for admission to colleges and universities. In this course students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American government. In addition, they draw on their studies of American history and of other societies to compare different systems of government in the world today. This course should be viewed as the culmination of the civic literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities.

English Department

Course Name:	ENGLISH 1
Grade Level:	9th
Duration:	2 semesters
Prerequisites:	None
Graduation Req.:	Meets English graduation requirement. Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

In English I students continue to apply the knowledge and skills acquired in the earlier grades but in more refined and sophisticated ways. Emphasis is centered on analyzing literature in greater depth, analyzing career-related and other informational discourse, completing more complex writing assignments, and giving more extensive oral presentations.

The standards approved by the California Board of Education form the outline for this course, as indicated below. State standards for English I and English II are the same, with concepts being introduced in the first year and mastered in the second. English I is required for high school graduation and for admission to all colleges and universities. The curriculum in this course prepares students for both the annual state testing and for the High School Exit Exam.

Course Name:	IS ENGLISH 1 (International Studies)
Grade Level:	9th
Duration:	2 semesters
Prerequisites:	None
Graduation Req.:	Meets English graduation requirement. Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

In IS English I students continue to apply the knowledge and skills acquired in the earlier grades but in more refined and sophisticated ways. Emphasis is centered on analyzing literature in greater depth, analyzing career-related and other informational discourse, completing more complex writing assignments, and giving more extensive oral presentations. Students complete interdisciplinary TouchPoints with IS Health and IS Geography.

Course Name: **IB MIDDLE YEARS PROGRAM YEAR 4 (Honors English 1)**

Grade Level: 9th

Duration: 2 semesters

Prerequisites: Acceptance into the IB MY Program.

Graduation Req.: Meets English graduation requirement.

Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

Weighted: Yes

The course has been developed in conjunction with the course requirements set by the International Baccalaureate Organization. The course provides an introductory study of archetypes, mythology, the hero's journey, utopian ideals, how to evaluate and conduct proper research, as well as the elements of literature and the elements of style as explored through a variety of novels, drama, poetry and short stories. The students will begin to develop their ability to analyze literature through analytical writing as well as oral presentations. This process will continue in MYP5 in order to ultimately prepare them for the Diploma Program. Framing the curriculum are unit guiding questions, the IB Learner Profile, and the "Areas of Interaction."

Course Name **ENGLISH 2**

Grade Level 10th

Duration: 2 semesters

Prerequisites: Sophomore status.

Graduation Req.:

Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

In English II students continue to apply the knowledge and skills acquired in the earlier grades but in more refined and sophisticated ways. Emphasis is centered on analyzing literature in greater depth, analyzing career-related and other informational discourse, completing more complex writing assignments, and giving more extensive oral presentations. The standards approved by the California Board of Education form the outline for this course, as indicated below. State standards for English I and English II are the same, with concepts being introduced in the first year and mastered in the second. English II is required for high school graduation and for admission to all colleges and universities. The curriculum in this course prepares students for the annual state testing.

Course Name: **IS ENGLISH 2 (International Studies)**

Grade Level: 10th
Duration: 2 semesters
Prerequisites: Completion of International Studies English 1 (or waiver) and a desire to be an International Studies Diploma Candidate.
Graduation Req.: Meets English graduation requirement.
Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

The course focuses on international literature and will be taught as one part of an integrated humanities curriculum (English, Art and History). These courses will present the curriculum through thematic approach looking at international issues with the hope that students will become global thinkers. The course emphasizes college preparatory work in analytical writing, oral presentations and reading strategies and grammar. Students complete interdisciplinary TouchPoints with IS Global Art.

Course Name: **IB MIDDLE YEARS PROGRAM YEAR 5 (Honors English 2)**
Grade Level: 10th
Duration: 2 semesters
Prerequisites: Completion of English Middle Years 4 (honors 1) with a grade of "B" or a teacher recommendation.
Graduation Req.: Meets English graduation requirement.
Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.
Weighted: Yes

The course has been developed in conjunction with the course requirements set by the International Baccalaureate Organization. Framing the curriculum is the IB Middle Years "Areas of Interaction". The course includes a study of literature and the instrumental function of a language where listening, viewing, speaking, reading and writing skills are emphasized. The course provides an in-depth study of literary archetypes, the elements of literature and the elements of style throughout novels, drama, poetry and short stories. The students will continue to develop their ability to analyze literature through analytical writing as well as oral presentations. In addition, the students will be given guidance with their IBMYP Personal Project.

Course Name: **ENGLISH 3**
Grade Level: 11th
Duration: 2 semesters
Prerequisites: Junior status.
Graduation Req.: Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

The standards for the 11th and 12th grades are the pinnacle of all the standards for the language arts. Most of the standards at this level are sophisticated extensions of the knowledge and skills previously targeted in the earlier grades and highlight the interrelationship among the different domains of language arts: reading, writing, conventions (grammar and usage), and speaking and listening.

The standards approved by the California Board of Education form the outline for this course, as indicated below. State standards for English III and English IV are the same, with concepts being introduced in the first year and mastered in the second. English III is required for high school graduation and for admission to all colleges and universities. The curriculum in this course prepares students for annual state testing and reviews knowledge and skills that are included in the High School Exit Exam.

Course Name: **IS ENGLISH 3 (International Studies)**
Grade Level: 11th
Duration: 2 semesters
Prerequisites: Junior status.
Graduation Req.: Meets English graduation requirement.
Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

The standards for the 11th and 12th grades are the pinnacle of all the standards for the language arts. Most of the standards at this level are sophisticated extensions of the knowledge and skills previously targeted in the earlier grades and highlight the interrelationship among the different domains of language arts: reading, writing, conventions (grammar and usage), and speaking and listening. Students complete interdisciplinary TouchPoints with IS US History.

Course Name: **IB ENGLISH 1 (Honors English 3)**

Grade Level:	11 th
Duration:	2 semesters
Prerequisites:	Completion of English Honors 2 with a grade of “B” or teacher recommendation.
Graduation Req.:	Meets English graduation requirement. Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.
Weighted:	Yes

The course provides an in-depth study of narrative techniques employed by novelists and playwrights from diverse cultures and times. Students examine such elements as style, point of view, use of time, structure, dialogue, and characterization. Course requirements include an in-depth study of three translated novels, and three other novels, which are the basis of their Individual Oral Presentation, which is done in the fall. The translated works will be the basis of their World Literature paper, a requirement for the IB Diploma. Speaking and writing emphasize critical thinking and comparative literary analysis. In addition, students will practice and prepare for formal oral exams in the spring of their senior year. Literature selections, writing assignments, and oral presentations for the IB English 1 course fulfill the IB/AP course requirements for the senior year. Students will receive weighted credit.

Course Name	English 4
Grade Level	12 th
Duration:	2 semesters
Prerequisites:	None.
Graduation Req.:	Meets UC "b" requirement and CSU “English” requirement. Meets NCAA eligibility.

All students need continuing education in language arts. By the senior year of high school, students have been provided instruction in most aspects of this discipline. The English 4 class provides students the additional opportunity to acquire language skills and knowledge which they may not have learned, and additionally, and just as important, the opportunity to explore the ways that the skills and knowledge will have practical application in their lives. The literature covered in this course includes excerpts from *Holt Reinhart, 2003, Literature and Language Arts, 1984, Brave New World, Einstein’s Dreams, Like Water For Chocolate, and The Color Purple*. The course puts emphasis on research, oral presentation, writing and reading skills. Essays include expository, literary analysis, persuasive, reflective, and business writing.

Course Name:	CREATIVE WRITING FOR ENGLISH 4 CREDIT
Grade Level:	12 th
Duration:	2 semesters

Prerequisites: None
Graduation Req.: Meet English 4 graduation requirement.
Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

This is a survey course designed to give both beginning and experienced writers an opportunity to explore their own writing while discovering new methods of style, language, voice and cadence and apply these techniques to their craft. Each unit will attempt to feature a guest speaker or film presentation relevant to the genre. By year's end, each student will create and publish a work or collection suitable for the writing market.

Course Name: **IS ENGLISH 4 (International Studies)**
Grade Level: 12th
Duration: 2 semesters
Prerequisites: Concurrent Enrollment in IS American Government & IS Global Art II-or prior approval from the IS Coordinator.
Graduation Req.: Meets English graduation requirement.
Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.

IS English IV is an Interdisciplinary California Standards-based course taken concurrently with IS Global Art II. Writing skills are polished through analysis of classic literary works, the study of advanced sentence patterns, persuasive writing, reflective writing, business writing, and publishing. The course puts emphasis on research, oral presentation, writing and reading skills associated with literature, government, and visual arts.

Course Name: **IB ENGLISH 2 (Honors English 4)**
Grade Level: 12th
Duration: 2 semesters
Prerequisites: Completion of IB English Year 1 with at least a grade of "B" or a teacher recommendation
Graduation Req.: Meets English graduation requirement.
Meets UC "b" requirement and CSU "English" requirement. Meets NCAA eligibility.
Weighted: Yes

The course continues the in-depth study of narrative techniques employed by novelists and playwrights from diverse cultures and periods begun in IB English Year 1. Students continue to examine literary elements such as style, point of view, setting, structure, dialogue, and characterization. Students will complete an individual oral commentary

assessment in the fall. Students will spend the second semester preparing for the IB examination in May. Students will receive weighted credit.

HIGH SCHOOL ENGLISH LEARNER ELD PLACEMENT GUIDELINES

Grade 9-12 Guidelines	EL PAC Level	Placement	Core Adopted Materials	Supplementary Materials
< 1 Year OR < 1.0 Years	ELPAC Initial Novice or Summative Level 1	ESL Core and ESL Support (315880 and 315865) CORE REPLACEMENT	Houghton Mifflin Harcourt 2016 • California Collections Textbook • California Collections Language Workshop	Edge Fundamentals (one semester max. if necessary) Edge A (recommended) Edge Placement Test Edge Reading Gains Tests Intervention: Inside Phonics Inside the USA
	ELPAC Summative Level 1	English Transition I and ELD I Support (315881 and 315866) CORE REPLACEMENT	Houghton Mifflin Harcourt 2016 • California Collections Textbook • California Collections Language Workshop	Edge Level A Edge Placement Test Edge Reading Level Gains Tests intervention: inside Phonics
1+ Years	ELPAC Initial Intermediate or Summative Level 1-2	English Transition II and ELD II Support (315882 and 315867) CORE REPLACEMENT	Houghton Mifflin Harcourt 2016 • California Collections Textbook • California Collections Language Workshop	Edge Level B Edge Placement Test Edge Reading Level Gains Tests
	EL students who have been in a US school for 2 years or more should begin in ELD English III regardless of ELPAC Level.			
2+ Years	ELPAC Summative Level 1-4	English Transition III (315883) (Can be taken once to meet A-G, repeated for elective credit if student is not reclassified.)		Edge Level C Edge Placement Test Edge Reading Level Gains Tests or English 3D Course C English 3D curriculum embedded assessments (LTEL curriculum)

- Ensure EL students are fluidly moved to the next level of classes as soon as they have satisfactorily met formative benchmark assessments. Do not allow the restrictions of a master schedule to prevent this move. (e.g. Do not wait until the end of the semester or the end of the year to move a student who clearly is not being challenged. It may be necessary for students to skip classes based on individual student progress.)
- Sites determine if the Transition III Course is Specialized ELD for Long Term English Learners or students making expected progress. LTEL Course should use English 3D curriculum.
- Students who successfully complete the SEI program will be placed in their grade level ELA class and continue in ELD for one period.
- The IEP will govern placement for students who are EL and receive Special Ed. Services.
- ELD is the only time of day students are homogeneously grouped. All other parts of the day EL students should be heterogeneously placed.
- A student's ELD course should be determined by various data sources and all possibilities cannot be covered in a single chart. When analyzing conflicting test data, individual cases must be analyzed.
- If the site has concerns about any placement, notify the Office of Student Learning Assistance team.

Course Name: **ENGLISH AS A SECOND LANGUAGE (ESL Core)**

Grade Level: 9th - 12th

Duration: 2 semesters

Prerequisites: Student is EL and has been in school in the US less than 1 year with ELPAC Initial Novice score or ELPAC Summative Level 1 (Emerging: entry)

Graduation Req.: Meets elective graduation requirement.

Designated ELD course for the “emerging” **entry** level student with little or no English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning About how English works 4) Using foundational literacy skills. Taken before ESL Support or English 1 Transition.

Course Name: **ENGLISH AS A SECOND LANGUAGE (ESL Support)**

Grade Level: 9th - 12th

Duration: 2 semesters

Prerequisites: Student is EL and has been in school in the U.S. less than 1 year with ELPAC Initial Novice score or ELPAC Summative Level 1 (Emerging: entry)

Graduation Req.: Meets elective graduation requirement.

Supports the core Designated ELD course for the “emerging” **entry** level student with little or no English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning About how English works 4) Using foundational literacy skills. Taken if needed before proceeding to English 1 Transition.

Course Name: **ENGLISH I Transition (Core)**

Grade Level: 9th - 12th

Duration: 2 semesters

Prerequisites: Student is EL and has been in school in the U.S. less than 1 year with ELPAC Summative Level 1 (Emerging: entry) and/or successfully completed ESL Core and/or ESL Support

Graduation Req.: Meets English graduation requirement.

Supports the core Designated ELD course “emerging” **exit** level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English works 4) Using foundational literacy skills. Taken concurrently with ELD I Support.

Course Name: **ELD I (Support)**
Grade Level: 9th - 12th
Duration: 2 semesters Taken concurrently with English- I Transition.
Prerequisites: Student is EL and has been in school in the US 1 year with ELPAC Summative Level 1 and/or successfully completed English 1 Transition.
Graduation Req.: Meets elective graduation requirement.

Extends the core Designated ELD course for the “emerging” **exit** level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English works 4) Using foundational literacy skills. Follows English 1 Transition.

Course Name: **ENGLISH II Transition (Core)**
Grade Level: 9th - 12th
Duration: 2 semesters
Prerequisites: Student is EL and has been in school in the US more than 1 year with ELPAC Summative ELPAC Level 1 or 2 and/or successfully completed English 1 Transition and ELD 1 Support.
Graduation Req.: Meets English graduation requirement.

Designated ELD course for the “emerging” **exit** level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English works 4) Using foundational literacy skills. Taken concurrently with ELD- II Support.

Course Name: **ELD II (Support)**
Grade Level: 9th - 12th
Duration: 2 semesters
Prerequisites: Student is EL and has been in school in the US more than 1 year with ELPAC Summative ELPAC Level 1 or 2.
Graduation Req.: Meets elective graduation requirement.

Supports the core Designated ELD course for the “emerging” **exit** level student with some familiarity of the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English works 4) Using foundational literacy skills. Taken concurrently with English II Transition.

Course Name: **ENGLISH Transition III**

Grade Level: 9th - 12th
Duration: 2 Semesters
Prerequisites: Student is EL and has been in school in the US more than 2 year with ELPAC Summative ELPAC Level 1-4 and/or has successfully completed English II Transition and ELD II support.
Graduation Req.: Meets English graduation requirement. Can be taken once to meet A-G, repeated for elective credit if student is not reclassified.

Designated ELD for the “**expanding/bridging**” **entry and exit** level student with some familiarity with the English language. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English works 4) Using foundational literacy skills. Taken concurrently with grade level English.

Course Name: **English Transition III - LTEL**

Grade Level: 9th - 12th

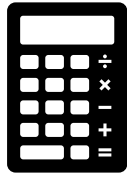
Duration: 2 Semesters

Prerequisites: Student is EL and is ELPAC Summative ELPAC Level 1 - 4 and

LTEL: 6+ years in US schools, 2 or more years on the same ELPAC Summative ELPAC level (or downward movement), not reclassified; or At Risk of becoming LTEL: 5+years in US schools, 2 or more years on the same ELPAC Summative ELPAC level (or downward movement), not reclassified. Ds and Fs in two core classes.

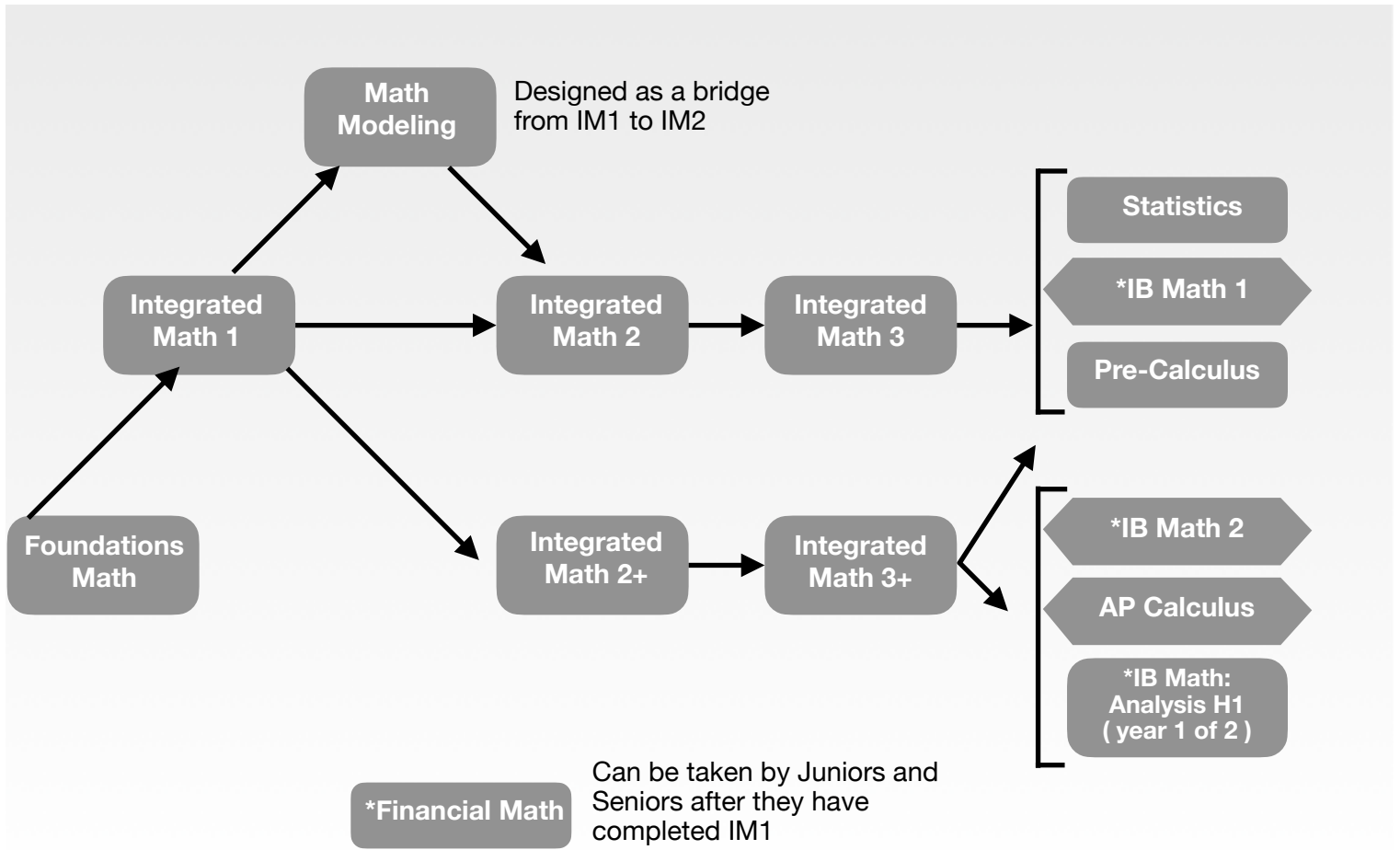
Graduation Req.: Meets English graduation requirement or elective credit based on student need.

Designated ELD to meet the specific needs of English Learners who fit the description of LTEL or At Risk for becoming LTEL. Curriculum based on CCSS/ELA/ELD framework and ELD standards: 1) Critical principals for developing language and cognition in academic contexts 2) Interacting in meaningful ways 3) Learning about how English works 4) Using foundational literacy skills. Taken concurrently with grade level English.



MATH DEPARTMENT

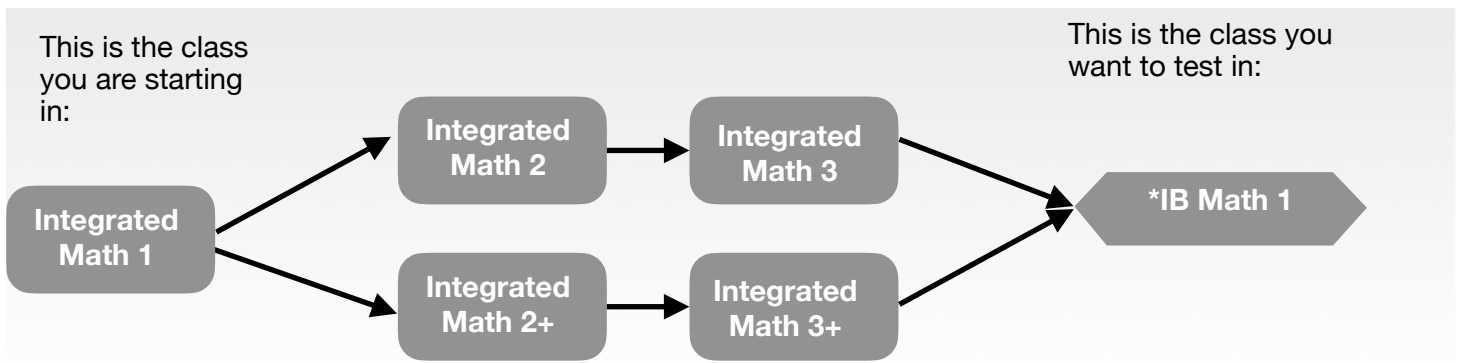
Integrated Math Paths

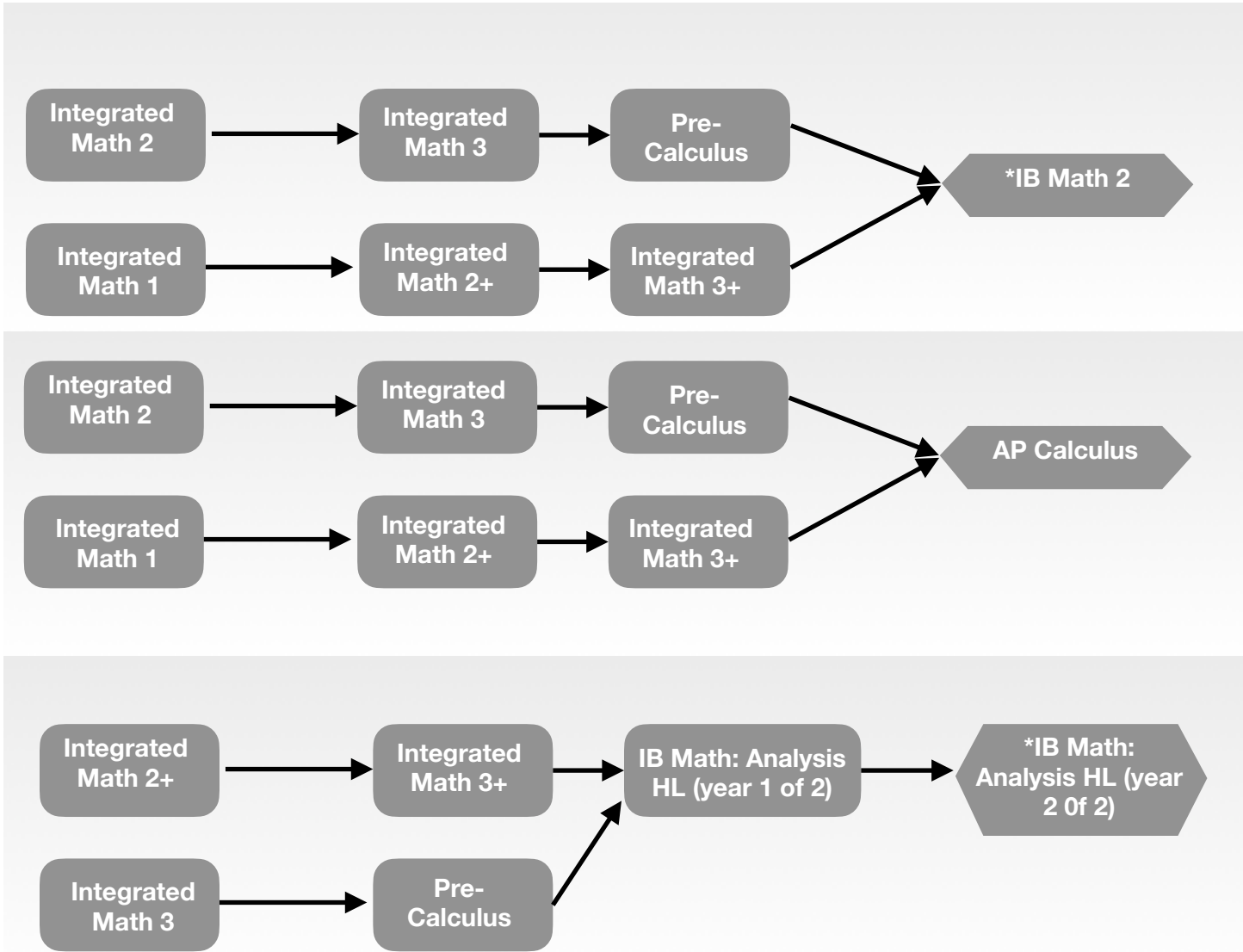


Classes marked with a * are for Juniors and Seniors only.

Pathways to AP and IB Testing Classes

Do you want to test in a particular course? There are several ways to get there...





Course Name: **MATH FOUNDATIONS**
 Grade Level: 9th
 Duration: 2 semesters
 Prerequisites: None
 Graduation Req.: Does not meet Math graduation requirement. Elective Credit only.

The purpose of Math Foundations is to strengthen and develop the understanding of the fundamental math concepts. Instructional time should focus on four critical areas: (1) basic number sense; (2) linear equations, inequalities and functions; (3) radicals; and (4) exponents. Students also work toward fluently solving linear equations of any form.

Course Name: **INTEGRATED MATH 1**

Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: None
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA eligibility.

The fundamental purpose of Mathematics I is to formalize and extend students' understanding of linear functions and their applications. The critical topics of study deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Students build on their prior experiences with data, developing more formal means of assessing how a model fits data. Students use regression techniques to describe approximately linear relationships between quantities. They use graphical representations and knowledge of the context to make judgments about the appropriateness of linear models. With linear models, they look at residuals to analyze the goodness of fit. Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades.

Course Name: **MATH MODELING**
Grade Level: 10th 11th
Duration: 2 semesters
Prerequisites: Completion of IM1 with grade of "D" or better in all grading periods
Graduation Req.: This is a math credit course but does not fulfill A-G requirements.

Mathematical Modeling is a year-long, problem-based course, taken after IM1. It will help a student gain additional skills, based on IM1 standards, and to prepare for IM2.

Course Name: **FINANCIAL MATH**
Grade Level: 11th and 12th
Duration: 2 semesters
Prerequisites: Follow IM 2, 3rd year of math
Graduation Req.: This is a math credit course but does not fulfill A-G requirements.

This course provides an opportunity for students to deepen their financial knowledge and skills that are essential for effective management of personal fiscal resources and financial well-being. Based on the National Standards in K-12 Personal Finance Education and National Standards for Financial Literacy, this course integrates the following topics: Financial Responsibility and Decision Making, Income and

Careers, Planning and Money Management, Credit and Debt, Risk Management and Insurance, and Saving and Investing.

Course Name: **INTEGRATED MATH 2**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: C or better in Integrated Math 1.
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA eligibility.

In this two-semester course, students will study Integrated Math 2 and its applications to the real world. Students will be required to demonstrate proficiency in the content to pass the course. The skills and concepts developed in this discipline are useful to all students. Aside from learning these skills and concepts, students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems. The standards for this course are the California Integrated Math 2 Standards as approved by the California Board of Education. The c or better in Integrated Math 2 will be prepared for Integrated Math 3.

Curriculum for this course prepares students for the annual state testing. Students who earn a C

Course Name: **INTEGRATED MATH 2+**
Grade Level: 9th – 10th
Duration: 2 semesters
Prerequisites: C or better in Integrated Math 1.
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA eligibility.

This course expands upon Integrated Math 2 content. Integrated Math 2+ includes exploring complex polynomial solutions using the Fundamental Theorem of Algebra, extending constructions, and using theoretical and experimental probability to model compound events, permutations, combinations and fair decision making. This course includes additional (+) mathematics to prepare students for advanced courses.

Course Name **INTEGRATED MATH 3**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: C or better in Integrated Math 2 and C or better in Integrated Math 1.

Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA eligibility.

In this two-semester course, students will study Integrated Math 3/Algebra 2 and its application to the real world.

Students will be required to demonstrate proficiency in the content to pass the course. This discipline complements and expands the mathematical content and concepts of Integrated Math 1. Students who master Integrated Math 3 will gain experience with algebraic solutions of problems in various content areas, including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem, the complex number system, probability, series/sequences, and conic sections.

The standards for this course are the California Integrated Math 3 Standards as approved by the California Board of Education. The curriculum for this course prepares students for the annual state testing.

Course Name **INTEGRATED MATH 3+**
Grade Level: 9th – 11th
Duration: 2 semesters
Prerequisites: C or better in Integrated Math 2 and C or better in Integrated Math 1.
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA eligibility.

It is in the Mathematics 3 course that students integrate and apply the mathematics they have learned from their earlier courses. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, instructional notes, which appear in brackets, indicate what is appropriate for study in this particular course. Standards that were limited in Mathematics 1 and Mathematics 2 no longer have those restrictions in Mathematics 3. This course includes additional (+) mathematics standards to prepare students for advanced courses and select standards from California Higher Mathematics.

Course Name: **STATISTICS**
Grade Level 11th – 12th
Duration: 2 semesters
Prerequisites C or better in Integrated Math 3
Graduation Req.: Meets Math graduation requirement

Meets UC/CSU "c" requirement. Meets NCAA eligibility.

Weighted: No

This one-year course is designed to teach the students the basics of Statistics. Proper methods of collecting, analyzing, displaying and drawing conclusions from real life will be taught. In addition to regular tests, evaluation will be based on computer labs, individual and group projects. A motivated student may be able to take the AP Statistics exam upon completion of the course (the College Board charges a fee for this exam).

Course Name **INTEGRATED MATH 3+**
Grade Level: 9th – 11th
Duration: 2 semesters
Prerequisites: C or better in Integrated Math 2 and C or better in Integrated Math 1.
Graduation Req.: Meets Math graduation requirement.
 Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA eligibility.

It is in the Mathematics 3 course that students integrate and apply the mathematics they have learned from their earlier courses. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, instructional notes, which appear in brackets, indicate what is appropriate for study in this particular course. Standards that were limited in Mathematics 1 and Mathematics 2 no longer have those restrictions in Mathematics 3. This course includes additional (+) mathematics standards to prepare students for advanced courses and select standards from California Higher Mathematics.

Course Name: **IB 1 MATH STUDIES**
Grade Level: 11th – 12th
Duration: 2 semesters
Prerequisites: Teacher recommendation completion of Algebra 2 with "C" or better.
Graduation Req.: Meets Math graduation requirement.
 Meets UC "c" requirement and CSU "Math" requirement. Meets NCAA
Weighted: Yes

Students of IB Math Studies are juniors and seniors in the IB Diploma program whose career goals are not within the technical fields of mathematics and/or science. A primary aim of the course is to introduce the applications of such areas as data analysis, probability, geometry, trigonometry, and statistical techniques. IB students are also responsible for completing an internal assessment paper and sitting for the IB Math Studies exam. Students will receive weighted credit.

Course Name: **PRE-CALCULUS**

Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: C or better in Algebra 2.
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and if third year of Math, meets "f"
requirement.
Meets CSU "Math" requirement. Meets NCAA eligibility.

In this two-semester course, students will study Pre-Calculus and Trigonometry and its application to the real world. Students will be required to demonstrate proficiency in the content to pass the course. The standards for this course are the California Math Analysis and Trigonometry Mathematics Standards as approved by the California Board of Education.

Course Name: **ADVANCED PLACEMENT (AP) CALCULUS**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: Teacher recommendation, completion of Pre-Calculus with a grade of "B" or better.
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and if fourth year of Math, meets "f"
Meets CSU "Math" requirement. Meets NCAA eligibility. requirement.
Weighted: Yes

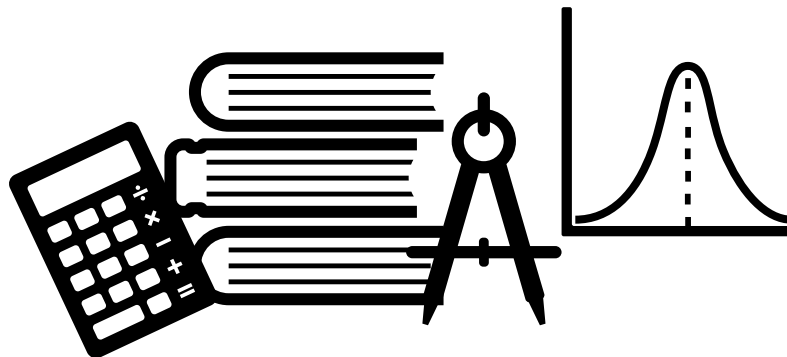
Students who earn a C or better in Pre-Calculus will be prepared for Calculus.

Students of IB Math Standard Level are juniors or seniors who have successfully completed Precalculus and have career goals that may include the fields of mathematics, science, business, medicine, and/or law. Besides reviewing concepts from Precalculus, such as vectors and trigonometry, this course provides an introduction to differential and integral calculus, probability theory, and statistics. Students must sit for IB Math Standard Level exam. Students will receive weighted credit.

Course Name **IB Math: Analysis HL**
Grade Level 11th – 12th
Duration: 4 semesters
Prerequisites: Pass both semesters of Pre-calculus or IM3+ with a grade of B or better.
Graduation Req.: Meets Math graduation requirement.
Meets UC "c" requirement and if third year of Math, meets "f" requirement.
Meets CSU "Math" requirement. Meets NCAA eligibility.

Weighted: Yes

Students of IB Math Higher Level have successfully completed AP Calculus AB with a score of 4 or 5 and have career goals that include mathematics and/or science. This course provides a rigorous treatment of vectors, matrices, parametric equations, probability theory, statistics, numerical analysis, sequences and series, differential equations, and group theory. The IB Math HL exam tests concepts over a two-year period. The first year, IB Math 3 is an introduction to those concepts, and the IB 3 students sit for the AP Calculus BC exam at the end of the first year. Following a second year of instruction, the IB 4 students sit for the IB Math Higher Level exam. A few students choose to also sit for the IB Math Further Level exam. Students will receive weighted credit.

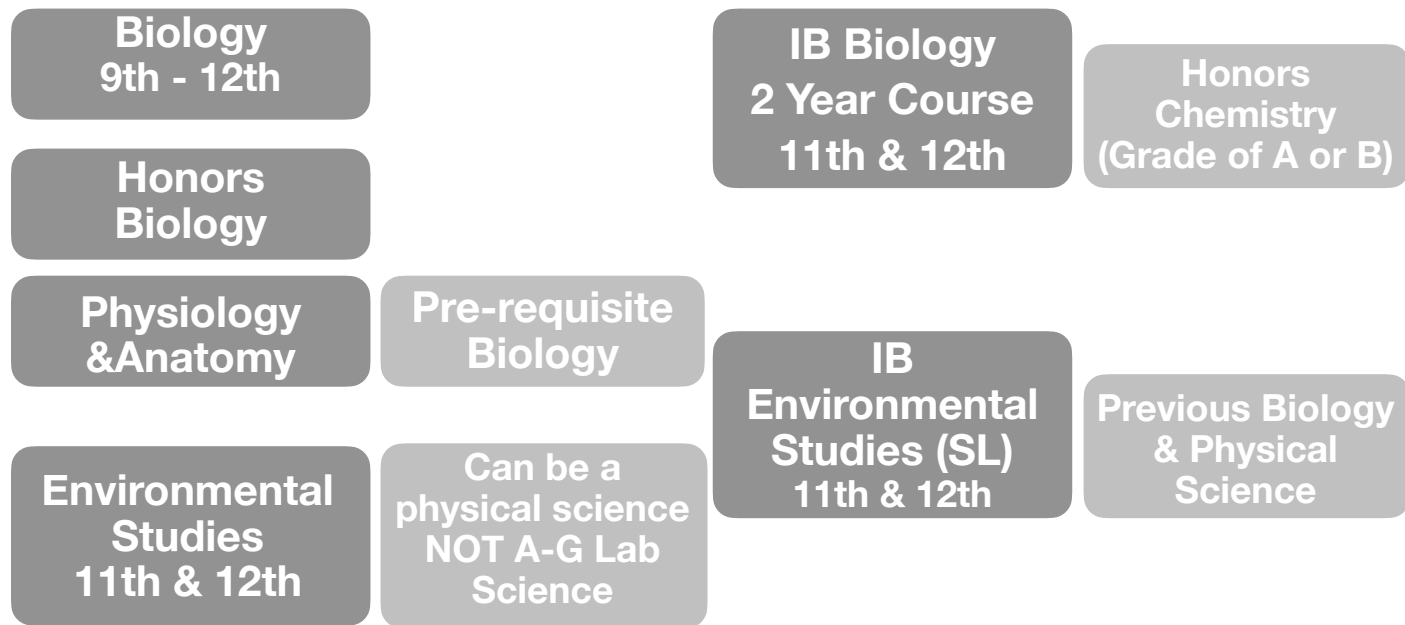




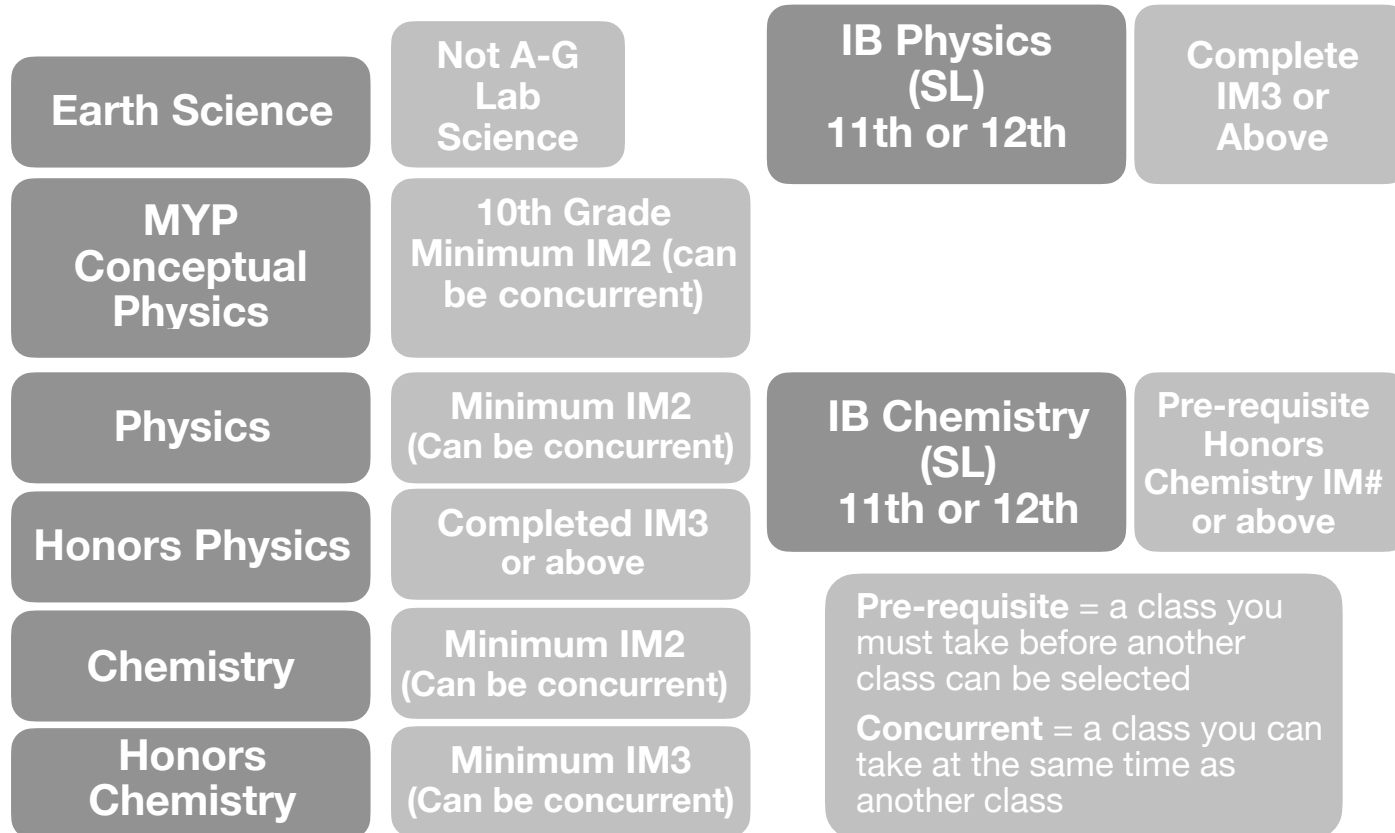
SCIENCE DEPARTMENT

Science Curriculum Pathways

Life Sciences (All courses are A-G approved unless noted)



Physical Sciences (All courses are A-G approved unless noted)



Course Name: **BIOLOGY: The Living Earth**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisite: Must be reading to grade level, Integrated Math 1 recommended.
Graduation Req.: Meets life science graduation requirement
Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.

“Biology: The living Earth is a college preparatory laboratory science class that will prepare students in grades 9-12 to be successful in college level lab science courses. The course integrates Next Generation Science Standards (NGSS) from Earth and space science into biology concepts from a phenomenon-based approach. It is aimed at building a solid foundation in biology, integrating a laboratory component and building student competency in science practices and cross cutting concepts. Student-centered activities will emphasize the process of inquiry and critical thinking. Students will apply their knowledge of course concepts to various real-world phenomena. “Biology: The Living Earth” is a replacement for “Biology” as a college preparatory course.

Course Name: **(SDAIE) BIOLOGY**
Grade Level: 10th – 12th
Duration: 2 semesters
Prerequisite: English Language Learners in English Language Development
Grad Req.: Meets life science graduation requirement
Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.

(SDAIE) Specially Designed Academic Instruction in English is taught by a CLAD or similarly credentialed teacher who has training in teaching English as a Second Language Learners. The purpose is to maintain ESL students Academic Proficiency until they attain English Language Proficiency. Teachers use various sheltered techniques such as: Pacing, Visuals, TPR total physical response, Realia, and Comprehensible Inputs and Graphic Organizers. SDAIE classes often have translators assigned to assist the teacher and students during their class work...

Biology is a two-semester course designed for the average or above average sophomore needing a college preparatory laboratory science. Biology at Mira Loma includes themes in cellular and molecular biology, genetics, evolution and global ecology. Class time will incorporate lecture, demonstrations, discussions of biological

science and its applications to the world, experimental design and extensive laboratory activities. An ability to organize time, follow directions and recognize homework as an integral part of the class will help students to succeed. The course satisfies the university requirement for a lab science.

Course Name	HONORS BIOLOGY: The Living Earth
Grade Level:	9 th 10 th
Duration:	2 semesters
Prerequisite:	Integrated Math 1 or higher.
Graduation Req.:	Meets life science graduation requirement. Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.
Weighted:	Yes

“Honors Biology: The Living Earth” is a college preparatory laboratory science class that will prepare students in grades 9-12 to be successful in college level lab science courses. The course integrates Next Generation Science Standards (NGSS) from Earth and space science into biology concepts from a phenomenon-based approach. It is aimed at building a solid foundation in biology, integrating a laboratory component and building student competency in science practices and cross cutting concepts. Student-centered activities will emphasize the process of inquiry and critical thinking. Students will apply their knowledge of course concepts to various real-world phenomena. Additionally, in honors courses students will engage with the content more deeply, including performing calculations, graphing and data analysis to further their understanding of the content. “Honors Biology: The Living Earth” is a replacement for “Honors Biology” as a college preparatory course

Course Name:	IB BIOLOGY 1
Grade Level:	11 th
Duration:	2 semesters
Prerequisite:	Must have completed Chemistry with a grade of "A" or Honors Chemistry
Graduation Req.:	Meets life science graduation requirement. Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.
Weighted:	Yes

This course is the first year of a two year IB Biology program. Upon passing the IB Biology test at the end of the second year, the student will have completed the science portion of the IB diploma. The student can expect the material covered to be very challenging, as the course is taught at the first year college level and beyond. The curriculum will include a very detailed biochemical approach to the subject matter. The

biochemical basis of life, cells, energy relationships, genetics and biotechnology will be covered this first year. Plant biology is also studied with emphasis on the structure and function of vascular plants, their hormones, and reproduction. The course satisfies the university requirement for a lab science. Students will receive weighted credit.

Course Name: **IB BIOLOGY 2**
Grade Level: 12th
Duration: 2 semesters
Prerequisite: Biology IB 1.
Grad Req.: Meets life science graduation requirement.
Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.
Weighted: Yes

This final year of IB Biology covers four broad areas of study: Animal biology, plant biology, and ecology and evolution. In animal biology there is a detailed study of the anatomy and physiology of all the important animal systems, such as circulation, excretion, reproduction, etc. Although this is a comparative study, much emphasis is placed on man. The two areas of Ecology and evolution include ecosystems, population ecology, population genetics and evolutionary theory as evidenced in plants and animals. All four broad areas of study include laboratory work. Independent experimental research will also be required. The course satisfies the university requirement for a lab science. Students will receive weighted credit.

Course Name: **CHEMISTRY in the Earth System**
Grade Level: 10 - 12th
Duration: 2 semesters
Prerequisite: Integrated Math 1
Grad Req.: Meets physical science graduation requirement.
Meets UC "d" requirement and CSU "Science"
Weighted: Yes

“Chemistry in the Earth System” is a college preparatory laboratory science class that will prepare student in grades 9-12 to be successful in college level lab science courses. The course integrates Next Generation Science Standards (NGSS) from Earth and space science into chemistry concepts from a phenomenon-based approach. It is aimed at building a solid foundation in chemistry, integrating a laboratory component and building student competency in science practices and cross cutting concepts. Student-centered activities will emphasize the process of inquiry and critical thinking. Students will apply their knowledge of course concepts to various real-

world phenomena. “Chemistry in the Earth System” is a replacement for “Chemistry” as a college preparatory course.

Course Name:	HONORS CHEMISTRY in the Earth System
Grade Level:	9 th – 12 th
Duration:	2 semesters
Prerequisite:	Integrated Math 1
Grad Req.:	Meets physical science graduation requirement. Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility
Weighted:	Yes

“Honors Chemistry in the Earth System” is a college preparatory laboratory science class that will prepare students in grades 9-12 to be successful in college level lab science courses. The course integrates Next Generation Science Standards (NGSS) from Earth and space science into chemistry concepts from a phenomenon-based approach. It is aimed at building a solid foundation in chemistry, integrating a laboratory component and building student competency in science practices and cross cutting concepts. Student-centered activities will emphasize the process of inquiry and critical thinking. Students will apply their knowledge of course concepts to various real-world phenomena. Additionally, in honors courses students will engage with the content more deeply, including performing calculations, graphing and data analysis to further their understanding of the content. “Honors Chemistry in the Earth System” is a replacement for “Honors Chemistry” as a college preparatory course.

Course Name:	IB CHEMISTRY
Grade Level:	11 th – 12 th
Duration:	2 semesters
Prerequisite:	Concurrently enrolled in algebra 2 or higher and Teacher Recommendation.
	Honors Chemistry or CP Chemistry is recommended.
Grad Req.:	Meets physical science graduation requirement. Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.
Weighted:	Yes

The Chemistry SL course combines academic study with the acquisition of practical and investigational skills through the experimental approach. Students learn the chemical principles that underpin both the physical environment and biological systems through the study of quantitative chemistry, periodicity, kinetics and other subjects. The chemistry course covers the essential principles of the subject and through the selection of options, allows flexibility in tailoring the course to meet the needs of the students. Throughout this challenging course, students become aware of

how scientists work and communicate with each other. Further, students enjoy multiple opportunities for scientific study and creative inquiry within a global context. Chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science, and serves as useful preparation of employment.

Course Name: **ENVIRONMENTAL STUDIES-LIFE**

Grade Level: 11th -12th

Duration: 2 Semesters

Prerequisite: One year of science

Grad Req.: Meets physical science graduation requirement.

 Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA
 eligibility.

Weighted: Yes

Environmental Life Science focuses on how the natural world works at all levels, as well as the connections and interdependence of all species to maintain a healthy, functioning planet. Fundamental core concepts of global issues, ecosystems, biodiversity, and a sustainable future are covered in the course content. In their lives, students will make critical assessments and choices, based on the scientific knowledge learned in this course; decisions which will be helpful or harmful to our planet's health and balance. Environmental Life Science satisfied the life science requirement for graduation.

Course Name: **IB ENVIRONMENTAL SYSTEMS and SOCIETIES 1 and 2**

Grade Level: 11th -12th

Duration: Two-Year Course

Prerequisite: Chemistry, Honors Chemistry or MYP Honors Biology.

Grad Req.: Meets life science graduation requirement.

 Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA

Weighted: Yes

The prime intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Students' attention can be constantly drawn to their own relationship with their environment and the significance of choices and decisions that they make in their own lives. It is intended that students develop a sound understanding of the interrelationships between environmental systems and societies, rather than a purely journalistic

appreciation of environmental issues. Environmental Systems is offered as a two year science for IB students wishing to test at the Standard Level or advanced students wanting an in-depth understanding of Ecology and the interrelated sciences associated with this discipline. Subjects covered include human population and carrying capacity, global cycles, analyzing ecosystems, conservation and biodiversity, impacts of resource exploitation and pollution.

Course Name: **PHYSICS OF THE UNIVERSE**
Grade Level: 9th -12
Duration: 2 semesters
Prerequisite: Integrated Math 1
Grad Req.: Meets physical science graduation requirement.
Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.

“Physics of the Universe’ is a college preparatory laboratory science class that will prepare students in grades 9-12 to be successful in college level lab science courses. The course integrates Next Generation Science Standards (NGSS) from Earth and space science into physics concepts from a phenomenon-based approach. It is aimed at building student competency in science practices and cross cutting concepts. Student-centered activities will emphasize the process of inquiry and critical thinking. Students will apply their knowledge of course concepts to various real-world phenomena. “Physics of the Universe” is a replacement for “Physics” as a college preparatory course.

Course Name: **HONORS PHYSICS OF THE UNIVERSE**
Grade Level: 9th -12
Duration: 2 semesters
Prerequisite: Integrated Math 1
Grad Req.: Meets physical science graduation requirement.
Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.
Weighted: Yes

“Honors Physics of the Universe” is a college preparatory laboratory science class that will prepare students in grades 9-12 to be successful in college level lab science courses. The course integrates Next Generation Science Standards (NGSS) from Earth and space science into physics concepts from a phenomenon-based approach. It is aimed at building a solid foundation in physics, integrating a laboratory component and building student competency in science practices and cross cutting

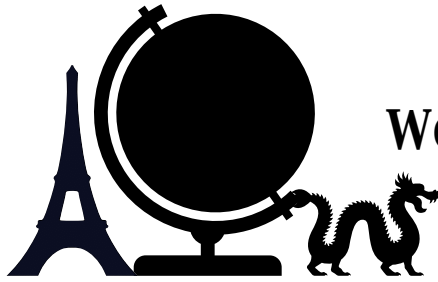
concepts. Student-centered activities will emphasize the process of inquiry and critical thinking. Students will apply their knowledge of course concepts to various real-world phenomena. "Physics of the Universe" is a replacement for "Physics" as a college preparatory course.

Course Name:	IB PHYSICS
Grade Level:	11 th -12 th
Duration:	2 semesters
Prerequisite:	Successful completion of Algebra 2 and teacher recommendation.
Grad Req.:	Meets physical science graduation requirement. Meets UC "d" requirement and CSU "Science" requirement. Meets NCAA eligibility.

IB physics is offered as a one-year science course for IB students wishing to test at the Standard Level or advanced students wanting an in-depth understanding of physics. Topics covered in this class include mechanics (motion and energy), waves, electricity and magnetism, thermal concepts, and nuclear physics. This is a laboratory science where students design independent experiments, analyze data and evaluate results in order to adequately draw a conclusion. The course satisfies the university requirement for a lab science. Students will receive weighted credit.

Course Name:	HEALTH
Grade Level:	9 th – 12 th
Duration:	1 semester
Prerequisite:	None.
Grad Req.:	Meets Health graduation requirement.

Health Education is a nine week course designed to help students develop the ability to make sound health decisions, as well as improve current health through better understanding and attainment of health knowledge.



WORLD LANGUAGE DEPARTMENT

Mira Loma offers a college preparation program in French, Spanish, Chinese and Japanese. Students may choose to pursue an International Baccalaureate diploma by demonstrating their proficiency on the Language B exam in French, Spanish, Chinese or Japanese. In order to prepare students to succeed at the competitive international level, Mira Loma offers an accelerated program, which enables a student to complete five years of language study in four years of high school.

The language program is based on a communicative approach to language acquisition and emphasizes the student's ability to use a second language as a tool for analyzing literature, comparing cultures, discussing contemporary topics, and solving problems in either a written or oral format. This is consistent with the goal of the California State Department of Education's goal, "... to develop students who can communicate effectively and with appropriate cultural sensitivity in at least one language in addition to their native language."

Course Name: **MYP WORLD LANGUAGE 1**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: A“B” or higher in previous English class required.
Graduation Req.: Meets Elective graduation requirement.
 Meets UC “e” requirement and CSU “Foreign Language” requirement.
 Meets NCAA eligibility.

MYP World Language I will introduce the student to listening, speaking, reading and writing skills in the target language. This course will provide the student with basic vocabulary and sentence structure. An introduction to geography, history and culture of the language will also be included.

Course Name: **MYP WORLD LANGUAGE 2**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: Recommended B or better in same language, MYP level 1 or teacher recommendation.
Graduation Req.: Meets Elective graduation requirement.
 Meets UC “e” requirement and CSU “Foreign Language” requirement.
 Meets NCAA eligibility.

MYP World Language 2 will continue to incorporate listening, speaking, reading and writing skills in the target language. This course will continue to build vocabulary and will introduce the student to more advanced grammar structures. Reading and writing will be emphasized. Speaking will become more natural and creative. There is further exposure to geography, history and culture of the language. MYP World Language 1 in the same language is a pre-requisite. Teacher recommendation and the Mira Loma student placement exam may also allow a student to begin at this level.

Course Name: **MYP World Language 3**
Grade Level: 10th - 12th, as eligible
Duration: 2 semesters
Prerequisites: Recommend B or better in same language, level 2 or teacher recommendation.
Graduation Req.: Meets Elective graduation requirement.
Meets UC "e" requirement for the first two years. Third year meets "g" requirement.
Meets CSU "Foreign Language" requirement. Meets NCAA eligibility.

MYP World Language 3 will enhance the skills learned in MYP language I and in MYP language II. Students will review grammar in a more comprehensive manner. Students will also be introduced to new advanced grammar concepts and verb tenses. There is an emphasis on more complex reading selections that may include contemporary and/or traditional literature. Writing will also become more formal to include essay writing. Students will develop a greater understanding for the culture of the target language through the knowledge of the geography and history of the culture. MYP World Language 2 in the same language is a pre-requisite. Teacher recommendation and the Mira Loma student placement exam may also allow a student to begin at this level.

Course Name: **MYP WORLD LANGUAGE 4**
Grade Level: 10th – 12th, as eligible
Duration: 2 semesters
Prerequisites: Recommend B or better in same language, level 3 or teacher recommendation.
Graduation Req.: Meets Elective graduation requirement.
Meets UC "e" requirement for the first two years. Third year or higher meets "g" requirement.
Meets CSU "Foreign Language" requirement. Meets NCAA eligibility.

MYP World Language 4 will enhance the skills learned in MYP language 1, MYP language 2 and in MYP language 3. Students will review grammar in a more

comprehensive manner. Students will also be introduced to new advanced grammar concepts and verb tenses. There is an emphasis on more complex reading selections that will include a minimum of 4 contemporary, traditional and/or modern literatures. Students will be required to do book reports and verbal presentation in the target language on the reading selections read during the academic year. Further oral and written presentation related to newspaper and/or magazine articles will be part of the curriculum. Writing will also become more formal to include essay writing, formal letters, employment applications, resume building and speeches. Students will develop a greater understanding for the culture of the target language through the knowledge of the tradition and history of the culture by means of cultural comparisons. MYP World Language 3 in the same language is a pre-requisite and/or teacher recommendation.

Accelerated World Language: International Baccalaureate

Mira Loma High School is the only school in the SJUSD that offers an accelerated course of study in French, Spanish, Chinese and Japanese. This accelerated curriculum prepares students to succeed on the globally competitive International Baccalaureate Exam.

Course Name:	IB WORLD LANGUAGE 1
Grade Level:	11 th
Duration:	2 semesters
Prerequisites:	Recommend a grade of “B” or better in MYP 2, 3, or 4 in the same language.
Graduation Req.:	Meets Elective graduation requirement. Meets UC “e” requirement for the first two years. Third year or higher meets ‘g’ requirement. Meets CSU “Foreign Language’ requirement. Meets NCAA eligibility.

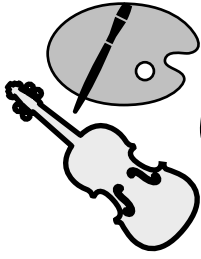
IB 1 will be taught as preparation for the following year’s Language B exam. Students will discuss literature, current events, and culture in the target language. Additionally, they will learn elements of grammar not taught at the previous levels. Emphasis will be on correct usage of the language to communicate orally and in writing. This is an honors class and students receive a weighted G.P.A. Students will receive weighted credit.

Course Name:	IB WORLD LANGUAGE 2
Grade Level:	12 th
Duration:	2 semesters (20 credits)
Prerequisites:	Recommend a grade of “B” or better in IB 1 in the same language.

Graduation Req.: Meets Elective graduation requirement.
Meets UC “e” requirement for the first two years. Third year or higher meets ‘g’ requirement.
Meets CSU “Foreign Language’ requirement. Meets NCAA eligibility.

In this course students will refine their verbal and written language skills as they discuss or debate contemporary issues, analyze the literature, perfect their command of structure and idiomatic usage, and prepare for the IB exam. Students will increase their comprehension and proficiency, which should enable them to do well on the International Baccalaureate exam. The course also receives a weighted G.P.A. at either the Standard Level, or with teacher recommendation, students may take the Higher Level IB exam. Students will receive weighted credit.





VISUAL/PERFORMING ARTS DEPARTMENT

Course Name:	BEGINNING CERAMICS
Grade Level:	9 th – 12 th
Duration:	2 semesters, may not be repeated for credit
Prerequisites:	None
Graduation Req.:	Meets Visual/Performing Arts graduation requirement. Meets UC “f” requirement and CSU "Visual/Performing Arts" requirement.

Students in this class will learn ceramic techniques and processes. They will be introduced to a variety of building and decorating techniques along with principles of form and design. The main emphasis of the class is to build original art from clay. Projects may include: pinch pots, coil pots, building projects out of slab, research on artists and techniques, critique, and throwing on the wheel. Students will also be taught the skills needed to maintain a working ceramic studio, including recycling clay and facilities management skills. If students create items in class and wish to take these items home, they will be allowed to do so if they make a donation for the cost of the materials used. This donation will range from \$5 to \$10 per project, depending upon the amount of clay and glazes used. An alternative to this individual donation is to pay the full semester donation amount of \$25, which entitles students to keep all of their projects.

Course Name:	BEGINNING DRAWING AND PAINTING
Grade Level:	9 th – 12 th
Duration:	2 semesters
Prerequisites:	None
Graduation Req.:	Meets Visual/Performing Arts graduation requirement. Meets UC “f” requirement and CSU "Visual/Performing Arts" requirement.

In this class, students will learn the basic techniques of drawing and painting in different media. Students will learn about the Elements of Art and Principles of Design,

and how to write and speak about art. Students will have hands-on involvement in their own work, along with familiarity with concerns and style of other artists. Portfolios are an important part of this class. They will be used for the storage of all class work and will be reviewed at the end of each semester. This course is open to students with no art background.

Course Name: **DIGITAL ART**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: None.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC “f” requirement and CSU “Visual/Performing Arts’ requirement.

This course emphasizes the knowledge and application of the art elements and principles of design as used in visual communications. This course helps students develop skills in artistic perception, critiquing and applications of design strategies through experiences that emphasize solving visual art problems. This course will focus on the the creation of art works using a combination of traditional and digital media (Adobe Creative Suite which includes Photoshop, Illustrator and InDesign). In addition to career exploration, students will learn computer-imaging skills using industry standard hardware and software. Students will become adept at understanding art from the present and past as well as other cultures.

Course Name: **DIGITAL PHOTOGRAPHY**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: None.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC “f” requirement and CSU “Visual/Performing Arts’ requirement.

All levels are welcome to explore this digital photography course while learning the fundamentals of composition, lighting, formatting, and image manipulation through Photoshop programs. The principles and elements of art and design discussed in class will allow students to learn the background of a solid art program while creating exciting imagery through the lens and computer.

Course Name: **ART STUDIO MIXED MEDIA (SCULPTURE)**
Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: None.

Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts"

This course is an introductory study of three-dimensional art. The student will explore sculpture techniques with such materials as plaster, wood, metal, plastic, stone and clay. Study of historical and contemporary sculpture will be an integral part of this course.

Course Name: **ADVANCED CERAMICS**
Grade Level: 10th – 12th
Duration: 2 semesters
Prerequisites: B or better in Ceramics OR teacher approval.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

This course provides an additional opportunity to explore further and to experiment individually with clay. Emphasis will be placed on students' individual abilities to translate creative ideas into visual items. Students will not be denied an educational opportunity if suggested donation is not received. Items created in class may become students' personal property if purchased for the cost of materials. Suggested donation amount of \$25 per semester.

Course Name: **ADVANCED DRAWING AND PAINTING 1 & 2**
Grade Level: 10th – 12th
Duration: 2 semesters
Prerequisites: B or better in Beginning Drawing and Painting OR Art 1 OR teacher approval.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

This course is primarily a studio class designed to further develop drawing and painting skills. After passing Beginning Drawing and Painting with an A or B (or with permission of teacher), students may take Advanced Drawing and Painting. In this class, students will gain expertise in advanced drawing and painting techniques and learn to create original and skillful artworks.

Course Name: **IB VISUAL ART 1 & 2**
Grade Level: 11th – 12th
Duration: 2 or 4 semesters
Prerequisites: One year level 1 Beginning Art or permission of the instructor.

Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

IB Visual Art 1 & 2 is a studio course designed to direct students in the exploration of their particular art form and to allow them to develop the portfolio for fulfillment of the requirements of International Baccalaureate Art. This class will also stress art history, criticism, and aesthetic valuing. In this course students select and employ materials appropriately leading to a well thought out and developed body of artwork. Through an ongoing process of review, modification and refinement students develop inventive approaches to experimentation and exploration using diverse strategies, ideas, techniques and media. Students make informed reflective and critical judgments. Students learn to evaluate their own studio work and to pose questions and work towards solving their own aesthetic problems with help from the instructor and investigation of master artist works. Students test both internally and externally with a gallery exhibition, oral exam with visiting examiner and presentation of work to IB international.

Course Name: DIRECTED PROJECT ART
Grade Level: 11th - 12th
Duration: 1 – 4 semesters
Prerequisites: One year of Art AND permission of instructor.
Graduation Req.: N/A

Directed Project visual arts is for the advanced student with a focused and disciplined approach to art. Students meet with teacher weekly to plan and review individual projects.

Course Name: **IS GLOBAL ART**
Grade Level: 10th
Duration: 2 semesters
Prerequisites: Program Student and/or teacher approval
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

In this course, students will learn the visual elements of art and the principles of design and the vocabulary and language that artists use universally. This course also includes lessons in art criticism; students will be able to evaluate their art, their peers' art and the art of world known artists. Emphasis is placed on the importance of art in the world cultures and how art relates to the individual student. Students complete interdisciplinary TouchPoints with IS English 2.

Course Name: **MYP GLOBAL ART**
Grade Level: 10th
Duration: 2 semesters
Prerequisites: Program Student and/or teacher approval
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

This course is studied in conjunction with MYP and IS English. It is a creative, hands-on art class that supports the MYP and IS English curriculum by studying the arts of the cultures/countries that are being studied simultaneously throughout 10th grade MYP and IS English. At the same time, it meets the high school and college fine arts requirements. It includes an orientation in the visual elements of art and the principles of design; the vocabulary and language that artists use universally. This course also includes lessons in art criticism; students will be able to evaluate their art, their peers' art and the art of world known artists. Emphasis is placed on the importance of art in the world cultures and how art relates to the individual student.

Course Name: **IS 2 SENIOR ART**
Grade Level: 12th
Duration: 2 semesters
Prerequisites: Completion of International Studies Art I
Graduation Req.: Meets Visual/Performing Arts graduation requirement. Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

This course will expand student understanding of art and visual culture through increased knowledge of the processes, reception, social bases, historical contexts and visual culture. Looking at both Western and non-Western art, past and present. Supported by the International Studies English and Comparative Government courses it explores arts in terms of cultural and political systems, helps students development aesthetic judgment through improved critical thinking and visual literacy. Students develop the ability to research and write about art and art issues, understand their role as a viewer and consumer and are able to understand the profound and often hidden impact of the institutional and commercial visual culture. Projects are directly aligned to interdisciplinary curriculum and provide students with pre-college lecture instruction, independent processing and project assignments.

Course Name: **MYP DRAMA**

Grade Level: 9th – 12th
Duration: 2 semesters
Prerequisites: None.
Graduation Req.: Meets Visual/Performing Arts graduation requirement. Meets CSU “Visual/Performing Arts” requirement.

The MYP drama course is studied in conjunction with the International Baccalaureate Middle Years Program (MYP). It is a creative, hands-on theatre class appropriate for the beginning theatre student. During the course of the year, the student will study theatre arts with a holistic approach, focusing on acting, design, basic playwriting, world theatre, and encouraging awareness of the contribution theatre makes to society and quality of life through expression in different modes - verbal, visual, written and kinesthetic. The course is designed to maintain a comfort level for all class members so that by its completion each person in the class is able to perform before either small or large groups without fear. All students will be expected to maintain a working journal. By using a California State Schools’ standards-based text, MYP/IS Drama also ensures that students will be fulfilling all the SJUSD standards for performing arts. Daily participation, reading, performing and attending school plays is mandatory.

Course Name: **ADVANCED DRAMA**
Grade Level: 10th – 12th
Prerequisites: Beginning Drama, MYP Drama or completion of a Drama course outside of Mira Loma.
Graduation Req.: Meets Visual/Performing Arts graduation requirement. Meets UC "f" requirement and CSU "Visual/Performing Arts" requirement.

Advanced Drama is designed for the student who wishes to continue on in their performance training. Focusing on creative movement and voice and music, the Advanced Drama student engages in a unique and creative curriculum to stretch the inner performing artist. During the course, students will focus on performance techniques, vocal techniques and characterization and learn the practical study backgrounds of performance and the diverse techniques used by its practitioners. Advanced Drama students will collaborate with peers to develop dynamic and original works that encourage collaboration and quick decision making. Physical performance conditioning is a daily activity. Ensemble participation, attendance of external productions, performing, and attending school plays is mandatory. Students will have the opportunity to compete in theatre festivals, work on school productions, and perform in the "Advanced Production" at the end of the year. Advanced Drama accepts students from all programs (IB/MYP/IS/Passport etc). Minimum of one year of IS/MYP/IB drama is required or prior theatrical experience from another school or program.

Course Name: IB THEATRE

Grade Level: 11th – 12th
Duration: 2 semesters
Prerequisites: Junior or Senior year and successful completion of MYP Drama or Advanced Drama. MYP Drama highly recommended. Must also gain the approval of the IB coordinator.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

The IB Theatre course is studied in conjunction with the International Baccalaureate Diploma Program (IB). The purpose of IB Drama is to provide the advanced student an accelerated class designed to motivate and “stretch” the serious theater student. During the course, students will focus on Performance Skills (ensemble work, performance techniques, acting techniques and characterization), World Theatre Studies (the study of non-western theatre traditions and historically significant theatre contributions from all over the world), Play Analysis (active exploration of extracts and complete play texts from a director’s point of view), and Theatre Production (study of the principles and practices of theatre production). Additionally, at the IB level students will have opportunities to compete in theatre festivals, work on school productions in design, management and performance capacities, attend professional productions, and perform for student audiences. IB Theatre also ensures that students will be fulfilling all the SJUSD standards for performing arts. Daily participation, attendance of external productions, reading, performing and attending school plays is mandatory. Students wishing to test in IB Theatre may do so at the Higher and Standard level over the course of one (SL) or two years (SL & HL). Students may only take this course with permission of the instructor.

Course Name: **BEGINNING BAND**
Grade Level: 9th – 12th
Duration: 2 semesters (may be repeated for credit)
Prerequisites: None. **Open to all students**
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets CSU "Visual/Performing Arts" requirement.

Beginning Band is an instrumental music performing class for wind and percussion players with little or no music experience. Each student will learn an instrument of his/her choice. The beginning band’s goal is to perform in one concert at the end of each semester, but the emphasis is on learning to play band instruments well enough to eventually perform with the Intermediate Band.

Course Name: **INTERMEDIATE BAND**
Grade Level: 9th – 12th
Duration: 2 semesters (may be repeated for credit)

Prerequisites: Enrollment is by teacher approval. A seating audition is required.
Students should have at least one year of band experience.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets CSU "Visual/Performing Arts" requirement.

Intermediate Band is an instrumental music performing class for wind and percussion players with less than two years of experience. The ensemble performs in 2-3 concerts during the year, but the emphasis is on learning to play band instruments well enough to eventually perform with the Concert Band.

Course Name: **ADVANCED BAND (WIND ENSEMBLE, CONCERT BAND/ORCHESTRA)**
Grade Level: 9th – 12th
Duration: 2 semesters (may be repeated for credit)
Prerequisites: Enrollment is by teacher approval. A seating audition is required.
Graduation Req.: Meets Visual/Performing Arts graduation requirement.
Meets CSU "Visual/Performing Arts" requirement.
Weighted: No

Three instrumental ensembles rehearse during zero period each morning. Placement is determined through the seating audition.

Wind Ensemble is an instrumental music performing class for wind and percussion players with more extensive experience than Concert Band. Students are selected to perform in this ensemble strictly by audition. Musical analysis, theory, performance practices and historical/cultural contexts are studied concurrently with rehearsals and performances of band literature. Chamber music is also required. The ensemble performs in several formal and informal events each semester. The ensemble members also play at football games and rallies.

Concert Band is an instrumental music performing class for wind and percussion players with two or more years of experience. Some musical analysis, theory, performance practices and historical/cultural contexts are studied concurrently with rehearsals and performances of band literature. Chamber music is also required. The ensemble performs in several formal and informal events each semester. The ensemble members also play at football games and rallies.

Orchestra is an instrumental music performing class for string players (violin, viola, cello & double bass) with two or more years of experience. **[Beginning strings is not offered.]** Some musical analysis, theory, performance practices and historical/cultural contexts are studied concurrently with rehearsals and performances of orchestral literature. Chamber music is also required. The ensemble performs in several formal and informal events each semester. The orchestra does not play at football games, but could be called on to perform at a rally..

Course Name: **CONCERT CHOIR**

Grade Level: 9th – 12th
 Duration: 2 semesters (may be repeated for credit)
 Prerequisites: Enrollment is by audition and teacher approval.
 Graduation Req.: Meets Visual/Performing Arts graduation requirement.
 Meets UC “f” requirement and CSU “Visual/Performing Arts” elective requirement.

Concert Choir is open to students who like to sing, who have the ability to sing on pitch. The Concert Choir gives a number of performances each year, both on and off campus and performs at the San Juan Sings choir festival in March.

Course Name: **MADRIGALS (Mira Loma Singers)**
 Grade Level: 9th – 12th
 Duration: 2 semesters (may be repeated for credit) Prerequisites:
 Graduation Req.: Meets Visual/Performing Arts graduation requirement.
 Meets UC “f” requirement and CSU “Visual/Performing Arts” elective requirement.

Madrigal Choir is a course offered to vocal students who demonstrate superior skills in vocal technique and ability, sight singing and part independence. Music from the Renaissance through contemporary (including vocal jazz) are performed. The Mira Loma singers give a number of performances each year, both on and off campus, including our San Juan Sings choir festival in March.

Course Name **GUITAR**
 Grade Level: 9th – 12th
 Duration: 2 semesters (may be repeated for credit.)
 Prerequisites: None
 Graduation Req.: Meets Visual/Performing Arts graduation requirement.
 Meets UC "f" requirement and CSU "Visual/Performing Arts" elective requirement.

Guitar is open to all self-motivated students interested in starting or continuing the study of guitar. The school supplies an acoustic guitar for in class use only. Students learn to strum chords, play melodies and read music.

OTHER ELECTIVES

Course Name:	BASKETBALL
Grade Level:	11 th -12 th
Duration:	1 or 2 semesters
Prerequisites:	MYP PE 4 and 5
Graduation Req.:	Elective credit

This class offers instruction in Basketball fundamentals, strategies, techniques, and skills development. It also includes strength development through resistance workouts. Cardiovascular and polymeric training will be incorporated into the workouts. Instruction of muscular structure, types of strength training, fitness vocabulary, and proper lifting techniques will be covered.

Course Name: **CREATIVE WRITING**
Grade Level: 9th - 12th
Duration: 1 semester or 1 year
Prerequisites: None
Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.

This is a survey course designed to give both beginning and experienced writers an opportunity to explore their own writing while discovering new methods of style, language, voice and cadence and apply these techniques to their craft. Each unit will attempt to feature a guest speaker or film presentation relevant to the genre. By year's end, each student will create and publish a work or collection suitable for the writing market.

Course Name: **ADVANCED CREATIVE WRITING**
Grade Level: 9th - 12th
Duration: 1 semester or 1 year
Prerequisite: Completion of one year of creative writing or by instructor acceptance through a writing sample.
Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.

For experienced writers who want to hone their craft further, advance creative writing offers specific guidance based on individual desires of writing exploration. In addition to writing with a larger project in mind, students will be expected to publish, perform, submit their work and explore post secondary opportunities and institutions.

Course Name: **FILM AND LITERATURE**
Grade Level: 11th - 12th
Duration: 1 semester
Prerequisites: None.
Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.

Students investigate how and what ideas, values and concepts are connected through film. In analyzing film, students will examine elements of plot, setting, style and point of view. Class activities include viewing, listening, researching and analyzing film. The course places an emphasis on the analysis of the visual and aural aspects of selected motion pictures, the dramatic aspects of films and the historical growth and sociological effects of film on our world today.

Course Level: **SOCCER/Life Time Sports**
Grade Level: 11th – 12th
Duration: 1 or 2 semesters
Prerequisite: MYP PE 4 and 5
Graduation Req.: Meets Elective graduation requirement. Does not count as PE credit.

This course will focus on developing more advanced strategies and skills of soccer.

Course Name: **STUDENT GOVERNMENT**
Grade Level: 9th – 12th
Duration: 2 semesters ⁽¹⁾
Prerequisites: Must be elected or appointed through Student Government process
Graduation Req.: Meets Elective graduation requirement.

Student Government is an elective leadership class that is for students elected to an Associated Student Body office, elected Class Officers, appointed positions, and students who qualify through an interview and constitution test the summer prior to the upcoming school year. The class is year long. However, there is a one-semester option for certain “officer” positions open to juniors and seniors. The class is responsible for planning and implementing student activities, managing the student body account, and being the governing body for the student body. Additionally, leadership and teamwork training are key components to the class.

Course Name: **TEACHER ASSISTANT (TA)/Inside Work Experience**
Grade Level: 11th – 12th
Duration: 1 semester
Prerequisites: Must obtain teacher or office staff approval.
Graduation Req.: Meets Elective graduation requirement.

Students provide assistance to either a teacher or office personnel. The purpose of I.W.E. is to teach students job readiness skills, to develop an appreciation for employer expectations, and career exploration.

Course Name: **WEIGHT TRAINING**
Grade Level: 11th – 12th
Duration: 1 or 2 semesters
Prerequisites: MYP PE 4 and 5
Graduation Req.: Meets Elective graduation requirement.

This course will focus on development of muscular strength and endurance in combination with aerobic and anaerobic conditioning. The course will utilize weight training, running, plyometrics, and Olympic-style lifting to improve a student's overall physical fitness level.

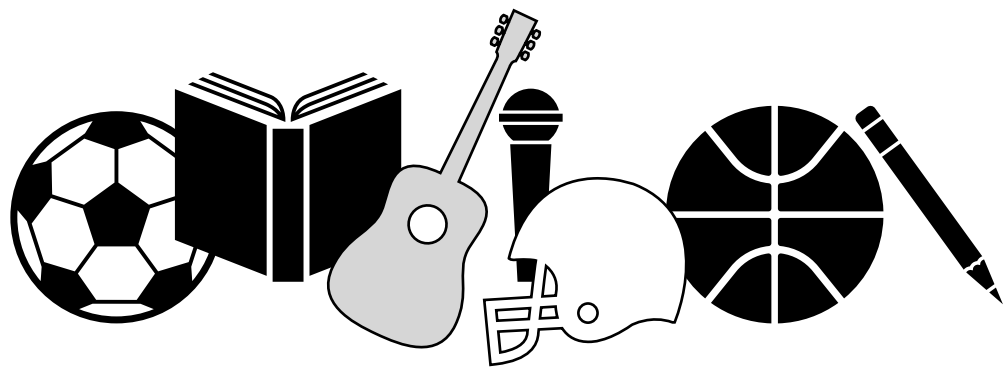
Course Name: **THEORY OF KNOWLEDGE**
Grade Level: 12th
Duration: 2 semesters
Prerequisite: Student taking IB Diploma level course
Graduation Req Meets Elective graduation requirement.
 Meets UC "g" requirement and CSU "Elective" requirement.
Weighted: Yes

The Theory of Knowledge program is central to the educational philosophy of the International Baccalaureate. It challenges students to reflect on diverse ways of knowing and areas of knowledge, and to consider the role which knowledge plays in a global society. It encourages students to become aware of themselves as thinkers, to become aware of the complexity of knowledge, and to recognize the need to act responsibly in an increasingly interconnected world. As a thoughtful and purposeful inquiry into different ways of knowing, and into different kinds of knowledge, the TOK program is composed almost entirely of questions. The most central of these questions is “How do I, or how do we, know that a given assertion is true, or a given statement is well grounded?” Assertions or judgments of this sort are termed “knowledge claims,” while the difficulties that arise in addressing these questions are known as “problems of knowledge” or “knowledge issues.” The program entails the application of this central question to many, yet interrelated, topics.

Course Name: **YEARBOOK**

Grade Level: 9th -12th
Duration: 2 semesters
Prerequisites: B in English, typing and/or computer skills preferred plus excellent attendance.
Application required and approval from yearbook staff.
Graduation Req.: Meets Elective graduation requirement.

The yearbook class produces the yearbook, *Recuerdos*. Staff consists of writers and photographers, all of whom must be independent and self-motivated. They must be responsible and able to meet deadlines. Some after school hours are involved.



MATADOR GRADUATION REQUIREMENTS

Graduating Classes of 2024-2025

220 credits total, including the following required subjects:

Five credits earned for successful completion of each course every semester when a student receives a "D" or better.

For A-G consideration, courses must be met with at least a "C-" grade or better.

English40 credits	Must include English 1-4 or the equivalent. Includes successful completion of IM1 (or higher and 1 additional math class beyond IM1 (IM2 or higher).
Math20 credits	
Social Science30 credits	Must be UC/CSU approved to include:
World History.....10 credits	
US History.....10 credits	
Government/Economics.....10 credits	
Social Studies Elective.....5 credits	
Science30 credits	Must be UC/CSU approved to include:
Life Science.....10 credits	
Physical Science.....10 credits	
Physical Education20 credits	Grades 9 and 10
Health5 credits	
World Language20 credits	Must be 2 credits of the same language
Visual/ Performing Arts10 credits	Must be 10 credits of the same VAPA to meet A-G
Additional Credits110 credits	

Must include English 1-4 or the equivalent Includes successful completion of IM1 (or higher) and 1 additional math class beyond IM1 (IM 2 or higher).

Must be UC/CSU approved to include:

Grades 9 and 10

For A-G consideration, courses must be passed with at least a C- grade.

Physical Education

20 credits Health....

5 credits Visual/Performing Arts.....

10 credits Additional Credits.. 110 credits

Matadors on the Road to College

CSU/UC Requirements

Check Private University & Out of State websites for their specific admissions requirements



CAREER TECHNICAL EDUCATION (CTE)

The Career Technical Educational program, (CTE) offers tuition-FREE career preparation training for future employment. CTE is a joint effort between local businesses and school districts. After an initial training component, CTE instructors and CTE technicians will work together to provide job placement assistance at a community training site in a paid or internship position. Students must provide their own transportation. CTE students can earn 5, 10, or 15 elective credits depending on the class and hours while gaining valuable skills as well as “real world” experience. Upon finishing the course, students will receive a Certificate of Completion which documents their skills and abilities and assists them in their job search.

CTE offers high school students job training in over 70 occupational areas, such as:

- Advanced Public Safety
- Advanced Construction Technology
- Auto MLR I & II
- Broadcast & Video Production
- Computer Science
- Cyber Security
- Culinary
- Dental Careers
- Medical Assistant

The Computer Science/Cyber Security Program is offered at Mira Loma

Course Name:	Exploring Computer Science
Grade Level:	10 th – 12 th
Duration:	2 semesters
Prerequisites:	None
Graduation Req.:	Meets Elective graduation requirement. Meets UC "g" requirement and CSU "Elective" requirement.

The course introduces students to the foundational concepts within the field of computer science and technology and challenges them to explore how computing and coding can impact the world. This Exploring Computer Science course was created with the goal of introducing students to a series of skills that will impact a student’s knowledge and abilities across numerous computer science fields. The goal is to attract and engage students to problem-solving and create essential computing tools and multidisciplinary opportunities.

Course Name:	AP Computer Science Principles
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Grade Level: 11th – 12th
Duration: 2 semesters
Prerequisites: None
Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.
Students who take and pass the AP CSP test can earn 1 year's college
co
Weighted: Yes
Course Name: **Cyber Security**
Grade Level: 12th Grade only
Duration: 2 semesters
Prerequisites: Must have taken CPS or ECS (or interview with instructor for approval)
Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.

The Medical Assistant Program is offered at Mira Loma High School:

Course Name: **INTRODUCTION TO THE HEALTH CARE SYSTEM**
Grade Level: 10th – 12th
Duration: 2 semesters
Prerequisites: Recommended Health and Biology
Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.

The field of Health Care is promising for current and future employment within the Northern California region. This 180 hour course was designed to serve as an introduction to health care and the health care delivery system as well as careers within the healthcare field. Students will explore regional healthcare systems and local access, research different types of healthcare and health related career opportunities. Students will also receive an introduction to medical terminology, body systems, vital signs, and the history of health care. This course is of modular design to accommodate open entry/open exit school sites.

Course Name: **MEDICAL CAREERS EXPLORATORY COURSE**
Grade Level: 11th – 12th
Duration: 2 semesters
Prerequisites: Recommended Health and Biology

Graduation Req.: Meets Elective graduation requirement.
Meets UC "g" requirement and CSU "Elective" requirement.

This course is designed to give students experience with a variety of health care professions. Utilizing National Health Care Skills Standards as a benchmark, Medical Careers Exploratory Course provides students with a hands-on approach to learning about human development, health informatics, and diagnostic, therapeutic and support services.

Course Name: **MEDICAL ASSISTANT – ADMIN/CLERICAL**
Grade Level: 12th
Duration: 2 semesters
Prerequisites: Introduction to Health Care and Medical Exploratory, or instructor's
 approval
Graduation Req.: Meets Elective graduation requirement.
 Meets UC "g" requirement and CSU "Elective" requirement.

This two-semester course divides a medical assistant's role into administrative and clinical semesters. Learn administrative skills (front office) one semester, and clinical (back office) procedures and CPR during the other semester. After successfully completing both sessions, you are eligible to take the California Certified Medical Assistant's exam.

SPECIAL EDUCATION

Course Name:	SPECIAL EDUCATION SERVICES
Grade Level:	9 th – 12 th
Duration:	Varies
Prerequisites:	N/A
Graduation Req.:	Found eligible for service through assessment; students may qualify for Special Education services through an educational classification of learning disability, emotional disturbance, mental retardation, traumatic brain injury, autism, hearing impairment, visual impairment, orthopedic impairment, or language/speech impairment. Placement will then be determined through an Individualized Education Plan (IEP).

Classes offer academic support and individualized instruction through small group settings in the Resource Program, the Special Day Class, the Independent Living Skills Class, the District Resource Program for the Visually Handicapped, and speech and language services. All classes utilize modified curriculum that is aligned with the California State Standards as well as all district standards. All of these classes are designed to prepare students with mild/moderate and moderate/severe disabilities to fulfill the necessary requirements for either a high school diploma or a certificate of completion and to be successful adult citizens.

A-g Subject Areas	California State University	University of California
A: History/Social Sciences	2 Years	2 Years (1 year World History & 1 Year US History or 1 semester US History & 1 semester American Govt.)
B: English	4 Years	4 Years
C: Mathematics	3 Years (through IM3)	3Years (through IM3 with 4years recommended)
D: Lab Science	2 Years (1 physical & 1 biological)	2 Years (1 physical & 1biological) (3 recommended)
E: World Languages	2 Years (same language)	2 Years (same language with 3 years recommended)
F: Visual & Performing Arts	1 Year	1 Year
G: Elective Courses	1 Year	1 Year

******Must earn a "C" or better in all the above courses to meet eligibility******

UNIVERSITY OF CALIFORNIA (UC)

The University of California (UC) system includes ten four-year campuses plus one graduates-only campus.

The UC campuses offer a variety of BA and BS degrees. To qualify for entrance, students must have a high school diploma or a California Proficiency Certificate. Explore average GPA and test scores for admissions through **Naviance**<https://connection.naviance.com/fc/signin.php?hsid=miraloma> as well as individual UC websites.

The University of California system includes: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, and Santa Cruz. San Francisco does not accept undergraduates.

Students must follow a university preparatory program and must earn 'C' or better grades in the required courses. Students must complete 15 college-prep courses (11 by the junior year). In addition students will take the ACT and/or SAT examination. SAT 2 Subject Tests are no longer required for most UC campuses but some departments recommend the SAT 2 Subject Tests (Look to individual campuses and departments for more information). Entrance GPA and requirements may vary depending on the major area of study and the campus selected. Consult your counselor for more information. * For specific UC/CSU approved course list of Mira Loma High School please visit <https://hs-articulation.ucop.edu/agcourselist#/list/search/institution>

For general UC information refer to www.ucop.edu or www.CaliforniaColleges.edu.

CALIFORNIA STATE UNIVERSITY (CSU)

California State University (CSU) includes 23, four-year universities offering a variety of BA and BS Degrees

To qualify for entrance, students must have a high school diploma or California Proficiency Certificate. The California State University System includes: Bakersfield, Channel Islands, Chico, Dominguez Hills, East Bay, Fresno, Fullerton, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Luis Obispo, San Marcos, Sonoma, and Stanislaus.

Students must follow a university preparation program and must successfully complete the required courses with a 'C' or better. Explore average GPA and test scores for admissions through *Naviance*, <https://connection.naviance.com/fc/signin.php?hsid=miraloma> In addition, students will take the ACT and/or SAT examination. CSU planning may be done at the web site at <http://www2.calstate.edu/apply>, www.calstate.edu, www.CaliforniaColleges.edu or make an appointment with your counselor for more information.

English Placement Test (EPT) and Entry Level Math (ELM) testing must be done before registering for classes. These may be satisfied by appropriate scores on the SAT I or ACT tests, achievement tests, SAT II, AP tests, or successful completion of the appropriate community college courses. Students who score 560+ in math on the SAT I and 550+ in English are exempt from taking the EPT and ELM test. Students who don't pass the test must take remedial classes the first year of college.

The Early Assessment Program is available to students who are juniors and complete the CST during spring of their junior year. The English and math portions are used to determine the placement standards of potential CSU students. Special scores are computed composed of a subset of relevant CST items plus the CSU augmented items. Specified levels of these scores indicate meeting CSU standards. After 11th graders take the test, they will be notified whether they have either met the CSU expectations (and are exempt from any additional CSU placement tests) or whether they need additional preparation in order to be successful in college-level work. Those who need extra work will have their entire senior year to prepare further.