



CURRICULUM HANDBOOK 2020-2021



PRINCIPAL'S MESSAGE

Welcome to the 2020-21 school year at Los Alamitos High School! As students plan their high school course of study, please keep the following in mind: their interests, abilities, and potential career choices. This Curriculum Handbook is designed to help parents and students gain the necessary information to make the critical decisions regarding their educational plan. This handbook will provide course descriptions of core and elective classes as well as requirements for high school graduation, college entry, and career preparation.

I encourage parents and students to take time to review the course offerings and work together in planning a four-year course of study. Feel free to call or meet with counselors and/or college and career guidance specialists for additional information.

I wish you much success in achieving your academic goals in the coming year and setting a firm foundation for your postsecondary plans following your graduation from high school.

Sincerely,
Chris Vlastic
Principal

LOS ALAMITOS HIGH SCHOOL

3591 Cerritos Avenue • Los Alamitos, CA 90720

(562) 799-4780

**2020 - 2021
CURRICULUM
HANDBOOK**

Los Alamitos Unified School District Statement

The mission of the Los Alamitos Unified School District is to educate all students so that they acquire the academic and life skills, and the knowledge, values, and experience necessary to succeed in their school, personal, and professional lives, to continue as lifelong learners, and to contribute to society as respectful and responsible citizens.

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Dan Bennett, Coordinator of Education Technology

LOS ALAMITOS UNIFIED SCHOOL DISTRICT

10293 Bloomfield Street • Los Alamitos, CA 90720

(562) 799-4700

Special thanks to:

Department Chairpersons

Program Coordinators

Counselors

Assistant Principal of Curriculum and Instruction

Secretary
Jenny Wampler

Reproduction Services Specialist
Alicia Seyfried

Webmaster
Alan Grant

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**LOS ALAMITOS HIGH SCHOOL
MISSION STATEMENT**

Through a diversified and broad approach to the four A's - Academics, Athletics, Arts and Activities -, Los Alamitos High School provides a meaningful curriculum, in and out of the classroom, that guarantees all students the opportunities and resources to attain the skills, knowledge, and values necessary to analyze and respond as ethical, socially responsible, and productive members of society.

GENERAL INFORMATION

COURSE SELECTION

A Message to Students

One of the most important tasks you must complete each spring is registration for the following school year. You will meet individually with your counselor to select the courses that you need to fulfill graduation requirements and prepare yourself for the future. Your personal educational plan deserves your serious thought and careful planning. Go to the Course Planner in Family Connection at <http://student.naviance.com/losalhi>. Here you will be able to create and update four year plans.

A Message to Parents

It is important that our students make the most of their high school careers. This can be done only if parents help their students become aware of all courses, programs, and services that are available at school and devise their own four-year educational program. To formulate a successful program, consideration must be given to graduation requirements, college/career goals, and the student's interests and abilities.

Use this handbook as a source of information on courses offered at Los Alamitos High School and various career options available to your student. This handbook is being made available online at www.losal.org/lahs prior to your student meeting with their counselor for their individual registration conference. It is important that parents review and discuss the curricular program for next year with their student, and sign the Schedule Page before meeting with the counselor.

The entire high school staff is available to answer any questions you may have. Use the "Contact Names and Numbers" page to make contact with persons who can be helpful to you.

Prerequisites

Students should check carefully to see that they have taken the proper prerequisites for courses and have received the necessary grades.

Credits

It is very important that final grades and credits completed be checked each semester to ensure that satisfactory progress is being made toward graduation. Five credits are earned for passing each course, unless students are repeating a class they have already passed to earn a higher grade. Counselors will review the graduation status for students at their registration conferences.

Student Schedules

During registration, students will sign up for classes offered in the fall and spring of the next school year. Students will find that some classes and teachers change in the spring semester. Because there are many scheduling options available, changes must be made to give students the courses they need to meet graduation requirements and postsecondary plans.

Schedule Changes

Schedule changes are honored for the following reasons only. **Deadlines apply. See your counselor regarding dates.**

1. Computer or clerical errors in scheduling
2. Graduation requirements omitted from schedule
3. Student fails to meet the prerequisite for higher level course. Example: Spanish I grade of D cannot move to Spanish II.
4. Special programs (sports, orchestra, band, ROP, etc.)
5. Balancing class sizes
6. Changes in the master schedule

Attendance

1. All persons under 18 years of age who have not graduated from high school are required to attend school a minimum of five periods each semester.
2. Students are expected to attend each of their scheduled classes promptly and regularly. Regular attendance in all classes is one of the greatest contributing factors to success in school. Absences should be avoided whenever possible.
3. Classwork missed because of truancy may not be made up and may result in a failure to earn a passing grade or removal from class.

Counseling Program and Services

As an integral part of the overall school system, the counseling department works with students, teachers, parents, administrators, and community resources to help each student develop his/her potential. In the areas of academic, career, and personal/social development, students are required to make decisions, set goals, and take necessary action to achieve goals. The objectives of counselors are to assist students in:

1. Formulating an individualized educational plan in order to complete high school with the academic preparation essential to choose from a wide range of substantial postsecondary options;
2. Acquiring the skills to investigate the world of work in relation to self-awareness and to make informed career decisions;
3. Acquiring the attitudes, knowledge and interpersonal skills to help understand and respect self and others.

Attendance of College Classes

To attend high school and college concurrently, students must meet with their counselors to make the necessary arrangements prior to taking any college courses. College courses cannot be counted for high school credit or to meet high school requirements, nor are they calculated into the student's high school grade point average.

Attendance at other WASC-Accredited High Schools and Adult Schools

Students who have failed a course necessary for graduation may elect to enroll in the LAUSD summer school program if the course is offered. With prior approval from their counselor, students may also enroll in other high school accredited institutions.

Summer School Attendance

Summer school attendance is encouraged to make up graduation requirements and credits, and may be done at any accredited high school. Students are encouraged to discuss summer school enrollment with their counselor.

Contact Names and Numbers

School Telephone: (562) 799 - 4780

	<u>Extension</u>
PRINCIPAL	
Christopher Vlastic	82200
ACADEMICS	
Jason Farvour – Assistant Principal	82203
ATHLETICS	
Richard Smith – Assistant Principal	82235
ATTENDANCE & STUDENT ACTIVITIES	
Kiva Spiratos – Assistant Principal	82223
COLLEGE & CAREER	
Marianne Schaeffer College/Career Guidance Specialist	82240
Kelly Barton College/Career Guidance Technician	82244
COUNSELORS	
	Grades 9/10
Shelley Riekenberg	A - Coi
Jodi Hutchinson	Coj - Gre
Gail Davenport	Grf - Lee
Tina Heeren	Lef - Nt
Matt Riehm	Nu - Shi
Christy Ricks	Shj - Z
	Grades 11/12
	A - Ch
	Ci - Gol
	Gom - K
	L - Och
	Oci - Sin
	Sio - Z
	Ext.
	82212
	82214
	82239
	82213
	82211
	82210
DEPARTMENT CHAIRS	
John Hanson	Applied Arts 82522
Phil Doran	English 82306
Victoria Gallagher &	Math 82350
Kimberly Loggins	82412
Stacy Castiglione	Performing Arts (Dance, Music, Drama) 82513
Matthew Nuez	Physical Education 82259
Brighton Merrell &	Science 82151
Kelly Rofe	82101
Eric Anderson	Social Science 82612
Kristina Cowan &	Special Education 82309
Heidi Pelle-Reid	82361
Jeff Carthew	Visual Arts 82652
Laura Andersen &	World Language 82755
Kristen Whitfield	82757
Performaing Art/Fine Arts	
David Moellenkamp – Assistant Principal	82235
PROGRAM DIRECTOR	
Tami Sciacca	82421
SCHOOL PSYCHOLOGISTS	
Vhenus Belisle	82220
Kristine Morris	82232
Christina Park	82275
Kayley Peacock	82209
STUDENT SERVICES	
Phil Bowen – Assistant Principal	82206
STUDENT SUPPORT	
Kenneth Lopour – Assistant Principal	82586

CODE OF CONDUCT
For Athletics, ASB, Performance & Competition
Groups

This form is **REQUIRED** from all students because most Los Alamitos High School students participate in some sort of co- or extra- curricular activity in the course of a year.

An important aspect of high school athletics and activities is learning behavior appropriate to circumstance. Athletes, ASB members, performance and competition groups often represent the school publicly, causing their behavior to be subject to more than the usual scrutiny. Keeping in mind that participation in extra- and co-curricular activities is a privilege and not a right, some behaviors are subject to standard consequences, including removal from the program.

- The Following Rules & Consequences Apply to ALL Athletes, ASB, Performance & Competition Groups, etc

DRUGS, ALCOHOL, TOBACCO, NICOTINE, CONTROLLED SUBSTANCES OR INTOXICANTS OF ANY KIND or WEAPONS/CHEMICALS

*Unlawful possession * use, sale, transportation or provision of drugs, alcohol, tobacco, nicotine, nicotine products, electronic cigarettes and other vapor-emitting devices with or without nicotine content, intoxicants or any controlled substance or weapons/chemicals pursuant to Ed. Code 48900, at school, going to and from school, or at a school event shall result in immediate removal of the student from all athletic teams, ASB, performance and competition groups for a period of nine weeks or the season of sport/activity, ** whichever is greater.*

* Possession of alcohol, drugs, tobacco, nicotine, nicotine products, electronic cigarettes and other vapor-emitting devices with or without nicotine content, intoxicants or a controlled substance or weapons/chemicals is a serious offense. The term "possession" is so broad that it covers certain cases where you may not have physically touched or you may have had only momentary contact with the alcohol, drugs, intoxicants or controlled substance or weapons/chemicals. You need only have a small degree of control over the situation, i.e., the ability to leave. In short, if you are in the presence of alcohol, drugs, intoxicants, or a controlled substance or weapons/chemicals, you may be charged with unlawful possession.

** Each sport, ASB, performance and competition group defines in writing its "season of sport/activity."

Note: Parent support for this Student Code of Conduct is crucial to its success. Parents who directly or indirectly participate in providing alcohol to students and/or knowingly permit students to drink alcohol are a major concern. These parents are potentially responsible for the adverse consequences to their own child, as well as to the group he/she represents.

- The Following CIF Rules & Consequences Apply to Athletes:

INTERACTION WITH OFFICIALS

If an athlete physically assaults an official, the athlete shall be banned from interscholastic athletics for the remainder of the student's eligibility. *(CIF Blue Book Sect. 522)*

UNSPORTSMANLIKE CONDUCT

If an athlete is ejected from a game for any reason, (unsportsmanlike conduct, fighting, etc.), the athlete shall be prohibited from participating in the next contest. *(CIF Rule)*

** In addition, many teams, ASB, performance & competition groups have their own written standards for participation for which a student may be suspended or removed from the program.

Student Name (print legibly) _____

I have read the Athletic/Activities Code of Conduct and I will abide by the code.

Student Signature

Parent/Guardian Signature

Date

ACADEMIC HONESTY CODE

Los Alamitos High School requires all students to demonstrate honesty and to abide by ethical standards in preparing and presenting materials, as well as in testing situations. Grades should reflect the student's own work in the fairest possible way. Academic dishonesty, cheating, or plagiarism involves an attempt by the student to show possession of a level of knowledge or skill which he or she does not possess. It involves any attempt of a student to substitute the product of another, in whole or in part, as his or her own work. It also includes theft, possession, or unauthorized use of any answer keys or model answers.

Violation of the Los Alamitos High School Academic Honesty Code will be subject to disciplinary action up to and including: suspension, dismissal from student offices and all athletics and extracurricular activities, involuntary transfer, and expulsion. This policy covers all school-related tests, quizzes, reports, class assignments, and projects, both in and out of class.

Cheating includes but is not necessarily limited to:

Copying/Sharing Assignments

- Copying or giving an assignment to a student to be copied, unless specifically permitted/required by the teacher

Plagiarism

- Plagiarism* or submission of any work that is not the student's own
- Submission or use of falsified data or records

Cheating on Exams or on Major Projects

- Use of unauthorized material including textbooks, notes, calculators, or computer programs during an examination or on a major project
- Supplying or communicating in any way unauthorized material including textbooks, notes, calculators, or computer programs during an examination or on a major project

Forgery/Stealing

- Unauthorized access to an exam or answers to exam
- Use of an alternate, stand-in or proxy during an examination
- **Alteration of computer and/or gradebook records or forgery of signatures for the purpose of academic advantage**
- Sabotaging or destroying the work of others

***PLAGIARISM:** "Plagiarism" is the "act of appropriating the literary composition of another, or parts or passages of his writings, or the ideas or language of the same, and passing them off as the product of one's own mind." It involves "the use of any outside source without proper acknowledgment." In the academic setting, an "outside source" includes "any work, published or unpublished, by a person other than the student." Cheating includes but is not necessarily limited to:

YOU ARE CHEATING IF YOU:

- Copy, fax, duplicate, or transmit using any technology, assignments that will each be turned in as "original" work
- Exchange assignments by printout, disk transfer, modem, or other electronic or recorded means, then submit it as "original" work
- Write formulas, codes, key words on your person or objects for use in a test
- Use hidden reference sheets during a test
- Use programmed material in watches, calculators, or computer programs when prohibited
- Exchange answers with others (either give or receive answers)
- Submit someone else's assignment as your own, in whole or in part
- Submit material (written or designed by someone else) without giving the author/artist name and/or source (e.g., plagiarizing or submitting work done by family, friends, or tutors)
- Take credit for group work, when little contribution was made
- Do not follow additional specific guidelines on cheating as established by a department, class or teacher
- Steal tests, answers, or materials, or have unauthorized possession of such materials
- Sabotage or destroy the work of others

ELIGIBILITY

All students must be living with the parent/guardian within the boundaries of the school attendance area. If not, the student must be eligible under an inter-district permit.

ALL STUDENTS (except ASB)

Los Alamitos Unified School District Board Policy 214 provides that participants with less than a 2.0 average for the last semester grade period are placed on "Academic Probation" for the subsequent semester. Students on Academic Probation will work with school staff to monitor progress and provide guidance and support. Two semesters of less than a 2.0 average will result in ineligibility for the subsequent semester and continue until a 2.0 average is attained. During the four high school years, no student will be placed on academic probation more than once.

ASB

Students elected or appointed to ASB offices have a more stringent academic eligibility requirement. The ASB President and the ASB Vice-President must have a cumulative 3.0 GPA in order to run for office and then must attain at least a 3.0 each semester beginning the semester they are elected.

Students elected or appointed to all other ASB positions must have a cumulative 2.5 GPA in order to run for office and then must attain a 2.5 at each semester beginning the semester they are elected or appointed. There is no provision for academic probation for students enrolled in ASB.

ATHLETES

Los Alamitos High School is a member of the C.I.F. Southern Section and Sunset League. To be eligible to participate in C.I.F. athletics, a student must meet the following criteria:

1. Before a student can participate in a sport, he/she must have a clearance from the athletic director stating the student athlete has a physical exam, health insurance, parent consent form, and has signed the Code of Conduct form. (CIF Rule 306)
2. Athletes must have passed a minimum of 20 units during the previous semester grading period. Only 5 units can be in physical education. (CIF Rule 204)
3. Have proper district residency or be attending on a valid Inter-district permit.
4. Have proper insurance.
5. Be currently enrolled in classes worth 20 credits, only 5 of which may be from Physical Education.
6. Be under 19 years of age as of June 15th of a student's junior (or third) year
7. Refer to the 2.0 Rule below:
 - The 2.0 Rule - Any student participating in extra- or co-curricular activities must maintain a GPA of 2.0 or above each semester. If the student falls below a 2.0 for a semester, s/he is given probationary status. If the student again falls below a 2.0 for another semester during his/her high school career, s/he will be ineligible to participate until a 2.0 semester GPA is achieved at a semester grading period.

LOS ALAMITOS UNIFIED SCHOOL DISTRICT

Nondiscrimination Statement

District programs, activities, and practices shall be free from discrimination based on race, color, ancestry, national origin, ethnic group identification, age, religion, marital or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; the perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics.

Title IX Statement

Los Alamitos Unified School District is committed to providing an environment free from discrimination. Title IX of the Education Amendments of 1972 protects individuals from discrimination (including sexual harassment and sexual violence) based on sex in any educational program or activity. Title IX also prohibits retaliation for asserting or otherwise participating in claims of sex discrimination.



For more information contact:

Uniform Complaint Officer, Nondiscrimination Coordinator & Title IX Coordinator:

Dr. , Director of Safety and Personnel Services

jfriedman@losal.org ▪ (562) 799-4700 x 80412

10293 Bloomfield Street, Los Alamitos, CA 90720

Section 504 Coordinator:

Grace Delk, Director, Special Education

gdelkhan@losal.org ▪ (562) 799-4700 x 80421

10293 Bloomfield Street, Los Alamitos, CA 90720

UNIFORM COMPLAINT PROCEDURE FOR SPECIFIC STATE AND FEDERALLY FUNDED PROGRAMS

The Los Alamitos Unified School District shall comply with all state and federal laws and regulations. The District shall follow uniform complaint procedures when addressing complaints alleging unlawful discrimination based on ethnic group identification, religion, age, gender, sexual orientation, sex, race, ancestry, national origin, color, or physical or mental disability in any program or activity that receives or benefits from state financial assistance. Uniform complaint procedures (as set forth in California Code of Regulations, Title 5, Sections 4600-4671) shall also be used when addressing complaints alleging failure to comply with state and/or federal law in: adult education, consolidated categorical aid programs, migrant education, vocational education, child care and development programs, child nutrition programs and special education programs. The Board encourages the early, informal resolution of complaints at the site level whenever possible. The Board recognizes that a neutral mediator can often suggest an early compromise that is agreeable to all parties in a dispute. In accordance with uniform complaint procedures, whenever all parties to a complaint agree to try resolving their problem through mediation, the Superintendent or designee shall initiate mediation. The Superintendent or designee shall ensure that mediation results are consistent with state and federal laws and regulations. The Board prohibits retaliation in any form for the participation in a complaint procedure including but not limited to the filing of a complaint or the reporting of instances of discrimination, such participation shall not in any way affect the status, grades, or work assignments of the complainant. The Board acknowledges and respects student and employee rights to privacy. Discrimination complaints shall be investigated in a manner that protects the confidentiality of the parties and the facts. This includes keeping the identity of the complainant confidential except to the extent necessary to carry out the investigation or proceedings, as determined by the Superintendent or designee on a case-by-case basis. A complaint shall be filed with the Assistant Superintendent of Instructional Services who will then refer it to the staff member responsible for the program(s) in question. This staff member shall be knowledgeable about the laws and/or program in question.

NOTIFICATION PROCESS: Any individual, public agency, or organization alleging a violation of federal or state statute may file a written complaint regarding special programs with the Los Alamitos Unified School District. Discrimination complaints must be filed with the District or the California Department of Education if direct intervention is requested by a person harmed or by a person on behalf of another. Their complaints must be filed not later than six months from the occurrence of when they are first acknowledged. Complaints must be resolved within sixty (60) days of receipt of a complaint. The attached form provides the filing party an opportunity to present evidence relevant to the complaint.

APPEAL PROCESS: If dissatisfied with the District's decision the complainant may appeal in writing to the California Department of Education within fifteen (15) days of receiving the district's decision. The following will be submitted to the California Department of Education on notification of an appeal:

1. The original complaint
2. A copy of the District's decision
3. A summary of the nature and extent of the investigation conducted by the District if not covered in the District's decision
4. A report of the action taken to resolve the complaint
5. A copy of the District's complaint procedures
6. Such other relevant information as the State Superintendent of Public Instruction may require

Complainant(s) may inquire with the Uniform Complaint Procedures Compliance Officer regarding any civil law remedies that may be available.

CIVIL LAW REMEDIES: A complainant may pursue available civil law remedies outside of the District's complaint procedures. Complainants may seek assistance from mediation centers or public/private interest attorneys. Civil law remedies that may be imposed by a court include, but are not limited to, injunctions and restraining orders. For discrimination complaints, however, a complainant must wait until 60 days have elapsed from the filing of an appeal with the California Department of Education before pursuing civil law remedies. The moratorium does not apply to injunctive relief and is applicable only if the District has appropriately, and in a timely manner, apprised the complainant of his/her right to file a complaint in accordance with 5 CCR 4622. When 15 percent or more of the students in a school speak a primary language other than English, all notices to parents or guardians regarding complaint procedures shall be in the student's primary language other than English.

COLLEGE AND CAREER CENTER

The College and Career Guidance Center, commonly referred to as the “Career Center”, is located in Room 754. Students are encouraged to come before and after school, during nutrition and lunch, and during class when they have permission from their teachers. The Career Center provides services to all students, faculty, parents, and community members.

College/University Information

- Register students on californiacolleges.edu to monitor progress on “a-g” requirements for admission to a four year college
- College search through Naviance College and Career Planning system
<http://student.naviance.com/losalhi>
- Printed resources: catalogues, brochures, videos
- Scheduled, formal fall visitations from over 50 college representatives (Juniors and Seniors only)
- College Information Night for Seniors and parents (September)
 - Mini Series (August – September)
- Community College Fair/Information Night for Seniors and parents (February)
- College Information Night for Juniors and parents (February)

College Entrance Testing

- Registration information for college entrance examinations: SAT Reasoning and Subject tests, and ACT
- On-site administration of Pre-Act and PSAT (in the Fall semester only)
- SAT/ACT test fee waiver information

Financial Aid and Scholarship Information

- Financial aid forms
- Scholarship applications posted and available from local, state, and national sponsors
- Financial Aid Information Night for Seniors and parents (October)
- FAFSA Workshops for Seniors and parents (November)

Career Information and Activities

- Access to Internet for college/career search using
<http://student.naviance.com/losalhi>
- Printed resources: books, brochures, magazines, pamphlets
- Formal guest speakers and business site visits representing careers of interest to students
- Mentor Breakfast for Juniors and Seniors (February)
- Facilitate K-14 articulation and postsecondary connections
- Implementation and documentation of Career Pathway Cords for graduation

Career Assessment

- Naviance Strengths Explorer
- Naviance Career Interest Profiler
- ASVAB (Armed Services Vocational Aptitude Battery) for 11th and 12th

Armed Services

- Liaison to all branches of the Armed Services
- Coordinate visitation of recruiters
- Display printed recruitment information
- Register and organize on-site administration of ASVAB
- Facilitate Selective Service Registration

ROP (North Orange County Regional Occupation Program)

- Course information and guidance
- Course registration and documentation of course completion

Student Employment Services

- Maintain "Job Board" listings from local business community
- Process Work Permits

NAVIANCE - Begin Lifelong College and Career Planning at <http://student.naviance.com/losalhi>

The College and Career Center offers an online program for all students accessed by a personal user name and password. Online users will complete the college search and career development process through the online portfolio. Individuals can take assessments and access multiple resources to explore occupations and plan for postsecondary education.

The portfolio includes assessments, favorites list, planning timelines, education planner, resume builder, note taker, job interview planning, occupation search and comparison, college search and comparison, financial aid application and scholarship search. The assessments provide automatic, immediate scoring and reporting available from any Internet location.

Go to <http://student.naviance.com/losalhi>

Student User Name: Ten Digit Student ID number

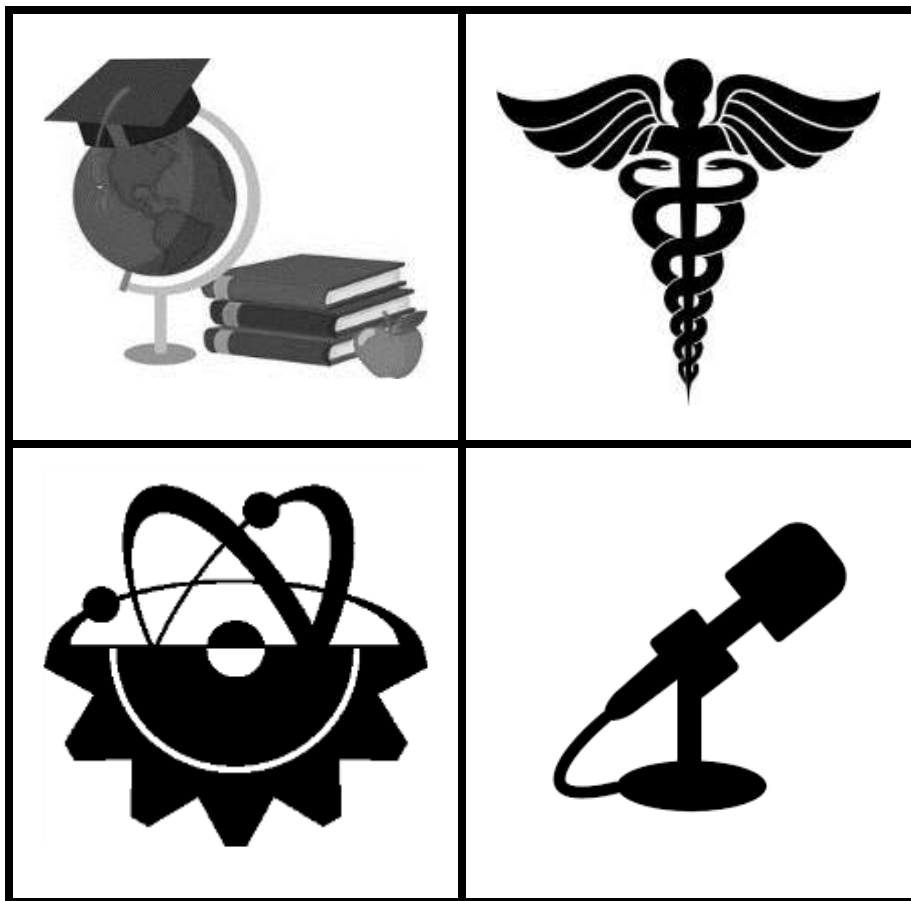
Password: Griffin

Explore other options within the portfolio: Assessment Results, Plan for the Future, Explore Careers, Select a Major, Choose a Career, Find Financial Aid, Get a Job. For assistance, contact the LAHS Career Center at (562) 799-4780, Ext. 82244 or 82240.

Parents can also get involved, access additional resources and review your child's portfolio by creating your free Naviance account at: <http://student.naviance.com/losalhi>. Parents will receive an activation code at the beginning of freshman year. Once receiving an activation code, click on "I need to register" in order to create an account. Encourage your child to show you their assessment reports and review the results together.

Graduate with a Career Cord

Los Alamitos High School



CORD REQUIREMENTS

By completing five semester courses within a selected pathway, you may be eligible to wear a special colored cord at graduation. Pathway course performance must be grade B- or better through the fall of Senior year. (Recognition requires an overall 2.0 GPA)

- Industry-Related Courses - 3 semesters
- Subject-Related Courses - 2 semesters

TOTAL = 5 Semesters

JOB SHADOWING

These activities must be completed at business or community sites within the selected pathway and documented. Hours from Career Day speakers, Mentor Breakfast, pathway-related field trips, summer camps, internships or college program visits (maximum 2 hours) may also apply.

- Ten (10) hours of job shadowing
- Job shadowing must be approved by Mrs. Schaeffer prior to completing hours.
- Hours must be verified by supervisor by completing a job shadowing form.

PORTFOLIO

- Career Cord Portfolio in Naviance
- Professional Resume must be completed in Naviance or emailed
- PowerPoint/Prezi/Video-emailed, not printed (If using a MAC please save as a PowerPoint Document before emailing.)

Resume and PowerPoint must be emailed to:

LAHSPathwayCords@gmail.com

--Please do not print and turn in these pages!--

Los Alamitos High School – Career Cords At-A-Glance

Arts and Communication Digital Media Careers (Burgundy Cord)	Arts and Communication Performing Arts Careers (Burgundy Cord)	Arts and Communication Visual Arts Careers (Burgundy Cord)
<p>Industry-Related Courses (Choose 3 semesters):</p> <ul style="list-style-type: none"> 3D Animation Media in Art I, II, III, IV Digital Video Production I, II, III Film & Television Production I, II Digital Story Telling III Drawing & Painting, I, II, III, IV AP Studio Art- 2D & Photography Photography I, II, III, IV Printmaking/Graphic Design I, II, III, IV <p>3</p> <p>Subject-Related Courses (Choose 2 semesters):</p> <ul style="list-style-type: none"> AP Art History Media in Art I, II, III, IV Digital Video Production I, II, III Film & Television Production I, II Digital Story Telling III Yearbook Drawing & Painting, I, II, III, IV AP Studio Art- 2D & Photography Photography I, II, III, IV Printmaking/Graphic Design I, II, III, IV AP Psychology Psychology Sociology <p>2</p>	<p>Industry-Related Courses (Choose 3 semesters):</p> <ul style="list-style-type: none"> Concert Choir Show Choir Women’s Ensemble Advanced Women’s Ensemble Men’s Chorus Beginning/Intermediate/Advanced Band Intermediate/Advanced Jazz Band Orchestra Song/Yell/Cheer/Color Guard Beginning/Intermediate/Advanced Dance Beginning/Intermediate/Advanced Drama Percussion <p>3</p> <p>Subject-Related Courses (Choose 2 semesters):</p> <ul style="list-style-type: none"> AP English Language AP English Literature Advanced Choir Intermediate/Advanced Band Intermediate/Advanced Dance Intermediate/Advanced Drama Orchestra Song/Yell/Cheer/Color Guard AP Music Theory/ Music Appreciation AP Psychology Psychology Student Government Percussion Theater Tech <p>2</p>	<p>Industry-Related Courses (Choose 3 semesters):</p> <ul style="list-style-type: none"> AP Art History Ceramics I, II, III, IV Contemporary Media in Art I, II, III, IV Digital Video Production I, II, III Film & Television Production I, II Digital Story Telling III <p>3</p> <ul style="list-style-type: none"> Drawing/Painting I, II, III, IV, V AP Studio Art- 2D & Photography Photography I, II, III, IV Printmaking I, II, III, IV 3D Design I, II, III, IV <p>Subject-Related Courses (Choose 2 semesters):</p> <ul style="list-style-type: none"> AP Art History Ceramics I, II, III, IV Media in Art I, II, III, IV Drawing/Painting I, II, III, IV, V AP Studio Art- 2D & Photography Photography I, II, III, IV Printmaking I, II, III, IV AP Psychology Psychology Sociology 3D Design I, II, III, IV <p>2</p>

Arts and Communication Communications Careers (Burgundy Cord)	Consumer/Human Services Education Careers (Purple Cord)	Consumer/Human Services Hospitality Careers (Purple Cord)
<p>Industry-Related Courses (Choose 3 semesters):</p> <ul style="list-style-type: none"> AP Studio Art- 2D & Photography Media in Art I, II, III, IV Journalism/Advanced Journalism Photography I, II, III, IV Printmaking I, II, III, IV Yearbook Digital Video I, II, III Film & Television Production I, II Digital Story Telling III <p>3</p> <p>Subject-Related Courses (Choose 2 semesters):</p> <ul style="list-style-type: none"> AP Studio Art- 2D & Photography AP English Language AP English Literature Intermediate Drama/Advanced Drama Journalism/Advanced Journalism Media in Art I, II, III, IV Photography I, II, III, IV Printmaking I, II, III, IV AP Psychology Psychology Sociology Yearbook World Language III or above/ Spanish for Native Speakers <p>2</p>	<p>Industry-Related Courses (Choose 3 semesters):</p> <ul style="list-style-type: none"> ROP Careers with Children I ROP Careers with Children II ROP Child Development ROP Preschool/Infant Toddler/ School Age Assistant ROP Preschool Assistant or equivalent - 75 hours of participation is equal to one semester of course work <p>3</p> <p>Subject-Related Courses (Choose 2 semesters):</p> <ul style="list-style-type: none"> ROP Careers with Children I ROP Careers with Children II ROP Child Development AP Psychology Psychology Sociology World Language III or above/Spanish for Native Speakers <p>2</p>	<p>Industry-Related Courses (Choose 3 semesters):</p> <ul style="list-style-type: none"> ROP Culinary Arts ROP Restaurant Management ROP Restaurant-Related Careers (CVE) ROP Retail Careers (CVE) ROP Theme Park Tourism <p>3</p> <p>Subject-Related Courses (Choose 2 semesters):</p> <ul style="list-style-type: none"> AP Psychology Psychology Sociology World Language III or above/Spanish for Native Speakers <p>2</p>

Los Alamitos High School – Career Cords At-A-Glance

Consumer/Human Services Human Resources (Purple Cord)	Health Sciences Medical Specialties (Blue Cord)	Health Sciences Medical Professions (Blue Cord)
<p>Industry-Related Courses (Choose 3 semesters): Criminal Law AP European History AP US History AP World History 3 History and the Future Military History Model U.N./Peer Support/Explorer Program (75 hours of participation is equal to one semester) Student Government ASB) American Sign Language I, II, III, IV</p> <p>Subject-Related Courses (Choose 2 semesters): AP English Language AP English Literature AP European History 2 AP Govt./Econ AP US History AP World History Military History History and the Future AP Psychology Psychology Sociology AP Statistics Student Government (ASB) World Language III or above/Spanish for Native Speakers AP Human Geography</p>	<p>Industry-Related Courses (Choose 3 semesters): Anatomy & Physiology Sports Medicine ROP Fire Technology 3 ROP Emergency Responder (prerequisite for EMT) ROP Emergency Medical Technician (EMT) ROP Medical Core ROP Medical Terminology</p> <p>Subject-Related Courses (Choose 2 semesters): Anatomy & Physiology AP Statistics Sports Medicine ROP Emergency Responder 2 ROP Fire Technology World Language III or above/Spanish for Native Speakers AP Biology AP Chemistry AP Environmental Science AP Physics AP Psychology Psychology</p>	<p>Industry-Related Courses (Choose 3 semesters): Anatomy & Physiology AP Biology AP Chemistry AP Physics 3 ROP Emergency Responder (prerequisite for EMT) ROP Emergency Medical Technician (EMT) ROP Medical Careers 1, 2 ROP Medical Core ROP Medical Assistant Back Office ROP Nursing Assistant Long Term Care Sports Medicine AP Environmental Science</p> <p>Subject-Related Courses (Choose 2 semesters): Anatomy & Physiology Pre-Calculus AP Calculus 2 AP Statistics AP Psychology Psychology Sociology World Language III or above/Spanish for Native Speakers</p>
Science & Technology Computer Science Careers (Green Cord)	Science & Technology Engineering Careers (Green Cord)	
<p>Industry-Related Courses (Choose 3 semesters): AP Computer Science Principles AP Computer 3 Science A Intro to Computer Science Media in Art I, II, III, IV Video Production I, II ROP Multimedia Production ROP Computer Graphics and Design</p> <p>Subject-Related Courses (Choose 2 semesters): Intro to Computer Science Algebra II 2 Intermediate Algebra AP Chemistry Chemistry Conceptual Chemistry AP Physics Physics AP Calculus Pre-Calculus AP Statistics</p>	<p>Industry-Related Courses (Choose 3 semesters): AP Computer Science AP Chemistry AP Environmental Science 3 AP Physics Introduction to Engineering Design (IED) Principles of Engineering (POE) Computer Integrated Manufacturing (CIM)</p> <p>Subject-Related Courses (Choose 2 semesters): Chemistry Conceptual Chemistry 2 AP Environmental Science AP Physics Physics Pre-Calculus AP Calculus AP Statistics</p>	

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GRADUATION REQUIREMENTS

All students attending Los Alamitos High School must accumulate 220 credits in grades nine through twelve to graduate from high school. To receive a diploma and participate in graduation ceremonies, students must: 1) pass all required courses; 2) meet the minimum requirement of passing Algebra I or its equivalent.

The 220 credits necessary for graduation must include:

- | | | | |
|----|------------|---------------|--|
| a. | 40 credits | (8 semesters) | English - Must be enrolled every year. |
| b. | 30 credits | (6 semesters) | History - <u>Must include</u> 10 credits World History, Cultures, & Geography; 10 credits United States History (including Geography); 5 credits American Political Tradition (including American Government & Civics); and 5 credits Economics |
| c. | 20 credits | (4 semesters) | Mathematics – Minimum requirement of Algebra I or equivalent. |
| d. | 20 credits | (4 semesters) | Physical Education or Athletics participation |
| e. | 20 credits | (4 semesters) | Science - 10 credits Life Sciences and 10 credits Physical Sciences |
| f. | 10 credits | (2 semesters) | Fine Arts* (Art, Dramatic Arts, Dance, Music) and/or World Language |
| g. | 10 credits | (2 semesters) | Fine Arts* (Art, Dramatic Arts, Dance, Music) or Applied Arts (Child Development, Computer Education, Industrial Technology, ROP) |

*A maximum of 10 credits of Fine Arts can meet either the “f” or “g” requirement, but not both.

These required classes comprise 150 of the 220 required credits. The remaining 70 credits are student elective choices. Students may enroll in a maximum of 40 credits per semester, including Regional Occupational Program (ROP), Career Technical Education (CTE), adult school, and independent study. Students who graduate with the class of 2020 and beyond must also complete their health graduation requirement.

Senior students must be enrolled in a minimum of five classes; at least four of these classes must be scheduled on the Los Al campus during the regular school day. If a senior is on a shortened day, he/she must be enrolled in enough LAHS and/or ROP daytime classes to meet his/her graduation credit requirement. Students must be enrolled as regular students at the comprehensive high school in the last semester of their senior year in order to qualify for a comprehensive high school diploma. Fifth-year seniors are not allowed to remain at the comprehensive high school. A student who completes the second semester of the senior year at the comprehensive high school, but who fails to graduate, may earn a comprehensive high school diploma by: (1) enrolling in continuation high school or (2) completing graduation requirements at any recognized institution within one calendar year of their senior year.

NOTE: Course titles in this Handbook are marked “HS” followed by the subject area being met for graduation.

THE GRIFFIN PLAN: High School → College

This worksheet is for planning and recording academic courses in preparation for college and career. Individual student plans may vary.

Student Name: _____ Graduation Year: _____

CSU/ UC Requirements	9th Grade	10th Grade	11th Grade	12th Grade
A History/ Social Science (2 years)	*Elective	*World History	*US History	*Am. Pol. Trad. / *Economics
B English (4 years)	English	English	*English	*English
C Mathematics (3 years/ 4 rec.)	Math	Math	Math	*Math
D Laboratory Science (2 years/ 3 rec.)	Science	Science	*Science	*Elective
E Foreign Language (2 years/ 3 rec.)	World Language	World Language	World Language	*Elective
F Visual/ Performing Arts (1 year)	Elective		Elective	
G College Prep Elective (1 year)			*Elective	*Elective
High School Grad Requirements	P.E. / Health	P.E.		
Stay Connected Through Activities!				
College Entrance Exams		PREACT / PSAT	PSAT / SAT, ACT	SAT, ACT (by December)
My AP Career Starts Here	<input type="checkbox"/> check here	<input type="checkbox"/> check here	<input type="checkbox"/> check here	<input type="checkbox"/> check here




- * Indicates option to take an AP level course which provides rigor and preparation for college.
- Students enrolled in AP courses should plan to take an AP Exam in May.
- Successfully complete the 'A-G' requirements with a grade of "C" or better.
- Participate in the 4 A's - Academics, Athletics, Activities, the Arts!


LOS ALAMITOS UNIFIED SCHOOL DISTRICT

UC/CSU 'a - g'


Minimum Eligibility Requirements




Los Alamitos
Elementary




Seal Beach Sea Lions
McGaugh
Elementary



Hopkinson
Elementary




McAuliffe
Middle School




Laurel
High School


		9th	10th	11th	12th
a	History/Social Science (World History, US History)		X X		
b	English 4 years	X X X X			
c	Mathematics (Alg I, Geom, Alg II) 4 years recommended	X X X X			
d	Lab Science (Bio & Chem or Physics) 3 years recommended	X X X			
e	World Language (same language) 3 years recommended	X X X			
f	Visual Performing Arts (same course) 1 year	X	↔		X
g	College Prep Elective 1 year	X	↔		X




Lee
Elementary




WEAVER
WHALES
Weaver
Elementary



ROSSMOOR
Rossmoor
Elementary



Oak
Middle School



Los Alamitos
Unified School
District

THE KEY TO COLLEGE ADMISSION IS PREPARATION

- Successfully complete the UC/CSU 'a - g' course requirements with a grade of "C" or better.
- Take an academically rigorous course of study all four years. This can look different for each student.
- Earn good grades in all coursework. (UC requires minimum 3.0 GPA.)
- Take at least one Advanced Placement (AP) course as part of your course of study.
- Take the PSAT in 10th and 11th grades.
- Take the PLAN in 10th grade.
- Take the SAT and/or ACT in 11th grade and, if necessary, no later than December of 12th grade.
- Be a leader and participate in extra-curricular and co-curricular activities (academics, athletics, activities, the arts).
- Apply for admission to the UC and CSU campuses of your choice no later than November 30th of your senior year.
- Apply for scholarships and FAFSA (due March 2nd of your senior year).



Los Alamitos High School

I ♥ Los Al

RECOGNITION AT GRADUATION

Award of Merit – This award is given to students who complete the sequence of high school courses required by the University of California and California State University systems to be minimally eligible for admission. Students must have a grade of 'C' or better in each semester of the required courses. See the ***CSU-UC Comparison of Freshman Admission Requirements*** for subject requirements and validation of D/F grades in required courses. Students meeting these requirements wear an Award of Merit medal at graduation.

Pathway Cords for Graduation – By completing five semester courses within a selected pathway, students may be eligible to wear a colored cord at graduation indicating this accomplishment. The pathways are Arts and Communication, Business and Marketing, Consumer and Human Services, Health Sciences, or Science and Technology. Pathway course performance must be grade B or better. Recognition requires 2.0 overall GPA and satisfactory citizenship/effort. Ten (10) hours of job shadowing are required and choice of location requires prior approval of pathway advisor, with structured time under the supervision of an adult employee, and experience related to a career area the student has selected. Documentation forms for the portfolio components are available at www.losal.org/lahs. All components of the portfolio are due to the career center in April of the graduation year. The specific requirements for each pathway are listed in the *Pathway Cords for Graduation* brochure available in the College and Career Center or online at www.losal.org/lahs. Select Academics, Career Center, Pathway Cords.

Gold Sealbearer (California Scholarship Federation) – CSF is a scholastic organization and membership is dependent upon grades and points earned in identified academic classes. Application for membership must be made each semester. Students who have been a member of the California Scholarship Federation (CSF) at least four semesters during grades 10 through 12, including one semester in their senior year, are awarded Gold Sealbearer status at graduation. A gold seal is attached to the student's diploma and notation of this honor is made on the student's permanent transcript. Gold Sealbearers have the opportunity to wear this recognition at graduation if they are an active member and have 60 CSF points.

To be eligible for semester membership, a student must earn a minimum of 10 CSF points. Of these 10 points, 7 points MUST be earned from the academic subjects: mathematics, science, social sciences, foreign language, and English. The remaining points may come from other subject areas. "A" = 3 CSF points, "B" = 1 CSF point, "C" = 0 CSF points. 1 point will be added to a grade of 'A' or 'B' for Honors and AP classes, with a maximum of 2 additional points per semester.

A grade of "D" or "F" in any course or a "U" in citizenship shall disqualify the student from membership for the semester.

Academic Honors – Students who excel in a rigorous academic program are awarded Academic Honors, which is the school's highest honor at graduation. Eligibility to earn Academic Honors at graduation will first be determined during the senior's second semester (at the 12-week progress report). If a student is not eligible at that time, a determination may be made upon final grades. The method of establishing Academic Honors encourages students to undertake a broader and more difficult academic program.

Students must meet the 'a-g' requirements and earn a total academic GPA (no PE) of 3.85.

A grade of "D" or "F" in any course automatically disqualifies a student for Academic Honors.

National Honor Society – Membership in the National Honor Society is both an honor and a responsibility. Seniors who maintain a cumulative weighted GPA of 3.8 or higher and have two faculty members attest to their citizenship, service, leadership and work habits may be elected to NHS. Members are expected to continue to demonstrate the qualities of scholarship, service leadership and character for their senior year.

Valedictorian and Salutatorian at Graduation – The Valedictorian status will be awarded to the **TOP TEN** students earning the highest weighted grade point average in a specific course of study after seven semesters. All Valedictorians will be recognized at graduation.

NOTE: Students who have a documented instance of cheating or plagiarism during their high school experience are not eligible for Valedictorian or National Honor Society consideration.

Cheating and plagiarism have become increasing problems at high schools and colleges/universities nationwide. Cheating and plagiarism can be defined as follows (but are not limited to these descriptions):

CHEATING: To derive something valuable by the use of deceit or fraud (Merriam-Webster); to copy information or answers on an exam / quiz, project or assignment from another person; submit answers that are not your own in an attempt to earn points / credit for said work.

PLAGIARISM: The practice of taking someone else's work or ideas and passing them off as your own (Merriam-Webster). This also includes, but is not limited to, copying directly from printed and or electronic resources (i.e., Wikipedia).

COLLEGE ENTRANCE REQUIREMENTS

1. **Admission to the University of California as a Freshman**

Subject, scholarship, and examination requirements for freshman applicants are described below.

1. **Subject Requirement**

To satisfy this requirement, you must have successfully completed a specific sequence of high school courses in the subjects listed below. These required high school courses are often called the “a-g subjects.” To be accepted by the University, they must appear on a list certified by your high school principal as “Courses to Meet Requirements for Admission to the University of California.” This list may be found at <https://hs-articulation.ucop.edu/agcourselist/institution/2689;academicYearId=22>

The grades you earn in the a-g subjects taken in the 10th and 11th grades are the only grades the University will use to calculate your grade point average for admission. Grades earned in the 12th grade are carefully reviewed for final admission.

It will take 15 units* of high school work to fulfill the Subject Requirement. At least 7 of the 15 units must have been earned in courses taken during the last two years of high school.

- a. **History/Social Science:** Two years required; one year of United States history or one-half year of United States history and one-half year of civics or American government; and one year of World History, Cultures, and Geography.
- b. **English:** Four years required, which can include no more than one year of ELD courses (highest level).
- c. **Mathematics:** Three years required (Algebra I, Geometry, Intermediate Algebra / Algebra II); four years recommended.
- d. **Laboratory Science:** Two years required (including at least two of the three core disciplines of biology, chemistry, conceptual chemistry, and physics); three years recommended. (Not more than one year of 9th grade laboratory science can be used to meet this requirement.)
- e. **Language Other Than English:** Two years are required; three years recommended (must be from the same language).
- f. **Visual and Performing Arts (VPA):** One year (two semesters) of the same course is required in any of the following areas: dance, music theatre/drama, or visual arts.
- g. **College Preparatory Elective Courses:** One year (two semesters) required, in addition to those required in “a-f” above, chosen from the following areas: visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science and language other than English (a third year in the language used for the “e” requirement or two years of another language).

*A unit is equivalent to a one-year course.

NOTE: Courses that meet University of California entrance requirements will be marked “U.C.” (subject area).

2. Scholarship Requirement

The Scholarship Requirement defines the grade point average (GPA) you must attain in the “a-g” subjects and the SAT Reasoning (or ACT) and SAT II test scores you must earn to be eligible for admission to the University.

If your GPA is 3.0 or above, you satisfy the minimum Scholarship Requirement if you achieve the test score total indicated in the Eligibility Index.

The University calculates your GPA in the “a-g” subjects by assigning point values to the grades you earn, totaling the points, and dividing the total by the number of “a-g” course units. Points are assigned as follows: A = 4 points, B = 3, C = 2, D = 1, and F = 0.

Only the grades you earn in “a-g” subjects in the 10th and 11th grades are used to calculate your GPA. Final grades you earn in “a-g” subjects in the 12th grade are used to confirm that UC eligibility and campus conditions for admission have been fulfilled. Courses you take in 9th grade can be used to meet the Subject Requirement if you earn a grade of C or better, but they will not be used to calculate your GPA.

Honors Level Courses

The University assigns extra points for up to four units of University-certified honors level, Advanced Placement and International Baccalaureate Higher Level and designated Standard Level courses taken in the last three years of high school: A=5 points, B=4 points, C=3 points. No more than two units (two years or four semesters) of UC-approved honors level courses taken in the 10th grade may be given extra points. A grade of ‘D’ in an honors, Advanced Placement or designated International Baccalaureate course does not earn extra points.

To qualify for extra points, high school courses must be in the following academic fields: history, English, advanced mathematics, laboratory science, language other than English (foreign language), visual and performing arts (beyond the introductory level), computer science and social science, *and they must be certified as honors courses by the University*. The following Los Alamitos High School courses have been approved by the University of California to receive extra points when computing the student’s grade point average:

Art History (AP)	Japanese (AP)
Biology (AP)	Macroeconomics (AP)
Calculus AB (AP)	Music Theory (AP)
Calculus BC (AP)	Physics 1 (AP)
Chemistry (AP)	Physics C (AP)
Computer Science A (AP)	Pre-Calculus (H)
Computer Science Principles (AP)	Psychology (AP)
English Language & Composition (AP)	Spanish IV (H)
English Literature & Composition (AP)	Spanish (AP)
Environmental Science (AP)	Spanish Literature (AP)
European History (AP)	Statistics (AP)
French (AP)	Studio Art (AP)
Human Geography (AP)	U.S. Government & Politics (AP)
Japanese III (H)	U.S. History (AP)
Japanese IV (H)	World History (AP)

D and F Grades

'D' and 'F' grades in the "a-g" courses must be repeated or validated. The best grade will be used in the GPA calculation. A course that was not completed with a 'C' or better can be repeated only once. Consult with your counselor to determine how these grades can be improved and how the University will use them in evaluating your scholarship record. A grade of 'D' in the fall semester in a language other than English is acceptable with a higher grade in the spring semester, or the next higher level course in the same language. A grade of 'D' in the fall semester in Algebra I is acceptable with a higher grade in the spring semester or a grade of 'C' or better in Algebra II. Grades for repeated courses in which you initially earned a grade of 'C' or better will not be used.

3. Examination Requirement

You must submit the following test scores:

- a. Either the Scholastic Assessment Test: Reasoning (SAT Reasoning) or the ACT with Writing. The verbal, mathematics, and writing scores on the SAT Reasoning must be from the same sitting. For the ACT, a composite score must be submitted.
- b. Two SAT Subject Tests from two separate areas (English literature, mathematics, foreign language, science or social studies) are not required but can be submitted. Only Mathematics Level 2 will be accepted if choosing mathematics as a Subject Test.

4. Eligibility by Examination Alone

If you do not meet the requirements for Eligibility in the Statewide Context or Eligibility in the Local Context, you may be able to qualify for admission to the University by examination.

2. **Admission to the California State University as a Freshman**

The California State University and the University of California have aligned their respective 15 college preparatory course requirements.

Eligibility is determined by a combination of grade point average (which includes the "a-g" courses completed in the 10th and 11th grades) and ACT or SAT Reasoning scores. CSU will continue to use the highest partial score from multiple sittings of ACT or SAT Reasoning.

1. Subject Requirement

First-time freshman applicants are required to have completed, with a grade of 'C' or better in each course, the 15-unit comprehensive pattern of college preparatory study also known as the "a-g" pattern. CSU accepts all high school courses identified by the University of California as meeting the "a-g" requirements. The college preparatory course pattern requires:

- a. **History/Social Science:** Two years required; one year of United States history or one-half year of United States history and one-half year of civics or American government; and a second year of history/social science from either the "a" or "g" subject areas.
- b. **English:** Four years required, which can include not more than one year of ELL courses.
- c. **Mathematics:** Three years required (Algebra I, Geometry, Intermediate Algebra /Algebra II); four years recommended.

- d. **Laboratory Science:** Two years required, including one year of physical science and one year of biological science.
- e. **Language Other Than English:** Two years are required; must be same language.
- f. **Visual and Performing Arts (VPA):** One year (two semesters) of the same course is required in any of the following areas: dance, music theatre/drama, or visual arts.
- g. **College Preparatory Elective Courses:** One year (two semesters) required, in addition to those required in “a-f” above, chosen from the following areas: visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science and language other than English (a third year in the language used for the “e” requirement or two years of another language).

NOTE: Courses that meet California State University entrance requirements will be marked “C.S.U.” (subject area).

Honors Level Courses

The University assigns extra points for up to four units of University-certified honors level, Advanced Placement and International Baccalaureate Higher Level and designated Standard Level courses taken in the last three years of high school: A=5 points, B=4 points, C=3 points. No more than two units (two years or four semesters) of UC-approved honors level courses taken in the 10th grade may be given extra points. A grade of ‘D’ in an honors, Advanced Placement or designated International Baccalaureate course does not earn extra points.

To qualify for extra points, high school courses must be in the following academic fields: history, English, advanced mathematics, laboratory science, language other than English (foreign language), visual and performing arts (beyond the introductory level), computer science and social science, *and they must be certified as honors courses by the University.*

Eligibility Index

The Eligibility Index is a weighted combination of a student’s grade point average during the final three years of high school and a score on either the ACT or the Scholastic Assessment Test (SAT Reasoning).

Students with grade point averages of 3.0 or above may establish eligibility for admission without submitting test scores. However, applicants are encouraged to take the SAT Reasoning or ACT since test scores may be included among the supplementary criteria used to determine admission to impacted campuses and programs.

D and F Grades

‘D’ and ‘F’ grades in the “a-g” courses must be repeated or validated. The best grade will be used in the GPA calculation. There is no restriction on the number of times a course may be repeated. Consult with your counselor to determine how these grades can be improved and how the University will use them in evaluating your scholarship record. A grade of ‘D’ in the fall semester in a language other than English is acceptable with a higher grade in the spring semester, or a grade of ‘C’ or better in the next higher level course in the same language. A grade of ‘D’ in the fall semester in Algebra I is acceptable with a higher grade in the spring semester or a grade of ‘C’ or better in Algebra II. Grades for repeated courses in which you initially earned a grade of ‘C’ or better will not be used.

3. **Admission to the Community College as a Freshman**

Graduates of a four-year high school or its equivalent are eligible for admission and may undertake any program of study for which they are prepared. Math and English Placement Tests will be required to enroll in a mathematics or English course. Others may be eligible if they meet any of the following criteria:

1. Any person possessing a California high school proficiency certificate, OR
2. Any person 18 years of age or older who can profit from instruction.

4. **Admission to Independent Colleges and Out-of-State Public Institutions as a Freshman**

Subject Requirement

Subject requirements vary among independent colleges and out-of-state public institutions. However, if students follow the University of California requirements, they probably will meet the requirements for the majority of schools. Refer to the college catalog or website for subject and scholarship requirements for each independent college.

CSU-UC Comparison of Minimum Freshman Admission Requirements

	California State University (CSU)	University of California (UC)
SUBJECT REQUIREMENTS		
	15 year-long/30 semester college preparatory 'a-g' courses are required with letter grades of C or better:	
		11 UC-required college-preparatory courses must be completed prior to senior year (including summer courses)
"a" History/Social Science	2 years/4 semesters of history/social science, including one year of U.S. history OR one semester of U.S. history and one semester of American government, AND	
	1 year of history/social science from either the "a" or "g" subject area	1 year of world history, cultures, or historical geography (including European History) from the "a" subject area.
"b" English	4 years/8 semesters of college preparatory English composition/literature (including no more than 1 year of Advanced ESL/ELD):	
		The ESL/ELD cannot be completed during the senior year
"c" Mathematics	3 years/6 semesters of mathematics (including or integrating topics covered in algebra I and II, geometry)* (Integrated math sequences may be used to satisfy the "c" Mathematics requirement.)	
		Students applying to UC must complete a geometry course (or integrated math courses with geometry content).
"d" Laboratory Science	2 years/4 semesters of laboratory science	
	At least 1 year of physical science and 1 year of biological science, one from the "d" subject area and the other from the "d" or "g" area**	Must include at least two of the three foundational subjects of biology, chemistry, and physics; or one year of biology, chemistry or physics and one year/2 semesters of an interdisciplinary, or integrated, or earth and space science course can be used to meet one year/2 semesters of this requirement. Courses must be from the "d" subject area.
"e" Language Other Than English	2 years/4 semesters (or equivalent to the 2nd level high school instruction) of a language other than English* (Courses must be the same language, American Sign Language allowed)	
"f" Visual and Performing Arts	1 year/2 semesters (or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Interdisciplinary Arts, Music, Theater, or Visual Arts	
"g" College Preparatory Elective	1 year of an elective chosen from any area on approved "a-g" course list	
REPEATED COURSES		
	California State University (CSU)	University of California (UC)
	CSU and UC do not use plus/minus grades in the GPA calculation; for example, a C- = C.	
	Required "a-g" courses must be completed with a grade of C or better. Any course may be repeated. There is no limitation on the number of times a course can be repeated.	Required "a-g" courses must be completed with a letter grade of C or better. Courses in which grades of D/F are earned may be repeated. There is no limitation on the number of times a course can be repeated. Repeated courses can have the same or similarly named course titles (e.g. English 9 or English 1). The first instance of a letter grade C or better will be used in the GPA calculation.

* High school-level coursework completed in 7th and/or 8th grade can be used to meet the area "c" and/or "e" requirements.

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

Information is accurate as of October 10, 2017

CSU-UC Comparison of Minimum Freshman Admission Requirements

	California State University (CSU)	University of California (UC)
VALIDATION OF SUBJECT OMISSION BY OTHER COURSES		
Mathematics	A letter grade of C or better in the first semester of Algebra II validates both semesters of Algebra I. Integrated style Math 2 will be accepted in lieu of a geometry course. (See exception for UC below).	
	<p>A letter grade of C or better in Statistics will validate Algebra I and Algebra II, but will not validate Geometry.</p> <p>A letter grade of C or better in Math IV, Trigonometry, Pre-calculus or Calculus validates the entire high school college preparatory requirement.</p>	The omission of a full year of geometry cannot be validated by any higher-level coursework. However, the omission of the 1 st semester of geometry can be validated by successful completion of the 2 nd semester. Refer to UC's Validation Matrix in <i>Quick Reference for Counselors</i> .
Language Other than English (LOTE)	A letter grade of C or better in a semester of a higher-level course validates a lower-level course. A higher-level LOTE course can validate the appropriate number of years based on the level. A college course can validate high school LOTE courses. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to the college's "a-g" course list on the "a-g" website and review the "Title/Discipline" column for notations, e.g. LOTE 1 = Level 1, LOTE 2 = Level 2, etc.	
Chemistry	A grade of C or better in the second semester of Chemistry <u>will</u> validate the first semester.	UC does not allow validation of Chemistry.
VALIDATION OF DEFICIENT (D/F) GRADES IN REQUIRED COURSES		
	Courses in which grades of D/F are earned may be validated in the areas of Math and Language Other Than English (LOTE) by successful completion of higher-level coursework. CSU also allows the validation of the D/F grades in Chemistry. For UC, refer to the Validation Matrix in <i>Quick Reference for Counselors</i> .	
VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES		
	Required "a-g" courses may be satisfied with appropriate test scores on SAT, SAT Subject Tests, Advanced Placement exams, and designated International Baccalaureate exams. A list of acceptable tests and scores is available on the CSU website; for UC, refer to <i>Quick Reference for Counselors</i> . For UC, the omission of a course in Geometry cannot be validated by any examination score.	
HIGH SCHOOL GPA		
	Calculate GPA using all "a-g" approved courses completed during the summer after the 9th grade through summer after the 11th grade---excluding deficient grades which have been repeated. CSU and UC do not use plus/minus grades in the GPA calculation; for example, a C- = C.	
	Repeated courses are calculated once using the highest grade earned. When completing the online admission application, the repeated course is also only reported once using the highest grade earned.	Repeated courses are calculated once using the first instance of a letter grade of C, B, or A. UC does not average grades. However, when completing the UC admission application, all "a-g" courses and grades must be reported.
HONORS POINTS		
	Maximum of 8 extra grade points (honors points) from four year-long courses (8 semesters) awarded for UC-approved high school created honors, all AP, some IB courses and transferable college courses. No more than two year-long courses (4 semesters) completed in 10 th grade can be used in the honors points calculation.	
TEST SCORES – ACT/SAT		
ACT or SAT Reasoning	Test required for CSU applicants to impacted campuses and programs. Test required for CSU applicants to non-impacted campuses, who have earned an "a-g" GPA of less than 3.0. The CSU combines the highest SAT score from like tests (taken before March 2016 OR after March 2016); may combine best subscores from multiple ACT tests to calculate a best composite. It is highly recommended that students take the ACT/SAT assessment test in their junior year.	The ACT with Writing or the SAT with Writing/Essay is required for all UC applicants. UC uses the highest composite score from the ACT with Writing or highest total score from the SAT with Writing/Essay from the same test date. Some campuses may recommend SAT Subject Tests for specific majors.

TESTING AT LOS ALAMITOS HIGH SCHOOL

ACT: The ACT is a four-year college entrance exam generally taken during the Junior and/or Senior year, and is accepted by all four-year colleges and universities in the United States. Two test options are available. The ACT (No Writing) is made up of four multiple-choice tests in English, mathematics, reading, and science. Or, the ACT Plus Writing includes the four multiple-choice tests plus a 30-minute Writing Test. Check www.actstudent.org for a searchable list of colleges that require, recommend, or do not need results from the ACT Writing Test. A fee is required for this test and students can register at www.actstudent.org.

ADVANCED PLACEMENT TESTS: These tests are administered on the Los Alamitos High School campus each May. The test schedule is set by the College Board. Students may earn college course credit based on their exam score. For more information on Advanced Placement Exams, please refer to www.collegeboard.com. The following Advanced Placement courses are offered at Los Alamitos High School:

Art History (AP)	Japanese (AP)
Biology (AP)	Macroeconomics (AP)
Calculus AB (AP)	Music Theory (AP)
Calculus BC (AP)	Physics 1 (AP)
Chemistry (AP)	Physics C (AP)
Computer Science A (AP)	Psychology (AP)
Computer Science Principles (AP)	Spanish Language (AP)
English Language & Comp. (AP)	Spanish Literature (AP)
English Literature & Comp. (AP)	Statistics (AP)
Environmental Science (AP)	Studio Art (AP)
European History (AP)	U.S. Government & Politics (AP)
French (AP)	U.S. History (AP)
Human Geography (AP)	World History (AP)

ASVAB - Armed Services Vocational Aptitude Battery: Each year an Armed Services representative administers the ASVAB to interested students. Test results help the student determine areas of occupational interest and aptitude. Students interested in this test should visit the Career Center for details. The Armed Services charge no fee for this test, and test-takers are under no obligation to enlist.

CALIFORNIA HIGH SCHOOL PROFICIENCY EXAM: This is a test that the State Board of Education offers to eligible persons to demonstrate proficiency in the basic skills taught in California public high schools, as defined by the average performance of second-semester seniors in those schools. Each person who passes the CHSPE is awarded a Certificate of Proficiency, which is considered equivalent to a high school diploma. This test is administered by the Educational Testing Services. A fee is charged for this test. Successful passage of this examination provides the student with a "certificate of completion," not a diploma.

ELPAC– English Language Proficiency for California: School districts are required to administer this test to students whose home language is not English. The purpose of ELPAC is to identify new students who are English Learners in grades K-12 to determine their level of English proficiency and to annually assess their progress toward becoming fluent in English. Schools must administer the ELPAC annually to all English Learners until they are reclassified from English Learner to Fluent

English Proficient. This test assesses the following skill areas: listening, speaking, reading, and writing.

Pre-ACT: The Pre-ACT is a 10th grade multiple-choice assessment that helps students prepare for the experience of taking the ACT test and provides information regarding their future performance on the exam.

PSAT/NMSQT (practice SAT): The PSAT is taken by sophomores or juniors typically during the fall. In addition to providing information about the student's aptitude for college-level studies, the PSAT scores taken the junior year are used by the National Merit Scholarship Qualifying Test (NMSQT) to determine National Merit semi-finalists. A fee is charged for this test and can be paid during registration at the ASB office.

SAT Reasoning - Scholastic Assessment Test Reasoning: This is a four-year college entrance examination generally taken during the Junior and/or Senior year. The SAT Reasoning assesses the student's aptitude for college-level work and students receive a Critical Reading, Math, and Writing score. Many colleges require this test for admission. A fee is charged for this test and students register directly with College Board (sat.collegeboard.com).

SAT Subject Tests: These one-hour tests determine the student's level of competency in a number of subject areas: foreign language, mathematics, English, science, or history. The more selective colleges require the SAT Subject Tests for placement purposes. A fee is charged for this test and students must register directly with College Board.

California Assessment of Student Performance and Progress (CAASPP): This is a state-mandated testing program for all students in grades 3-8, and grade 11. It includes tests in the areas of language arts/reading and mathematics.

California Science Test (CAST): This state-mandated assessment is for students in grade 11. The CAST measures what students know and can do using the California Next Generation Science Standards (NGSS).

Career Technical Education (CTE)

Career Technical Education (CTE) provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners. Los Alamitos High School offers six Career Pathways for students to explore: Computer Science, Digital Video, Early Childhood Education, Engineering, Public Safety, and Sports Medicine. The Regional Occupational Program (ROP) provides two of the high school's pathways, Public Safety and Early Childhood Education. All CTE classes at Los Alamitos High School are taught by specially credentialed teachers with proven industry experience and are CSU/UC approved.

- **Computer Science Pathway**
- **Digital Video Pathway**
- **Engineering Pathway**
- **Sports Medicine Pathway**
- **Early Childhood (ROP)**
- **Public Safety (ROP)**

COMPUTER SCIENCE

INTRODUCTION TO COMPUTER SCIENCE

5 Credits / Grades 9-12

Prerequisite: A timed writing score of at least 25 wpm or certification from middle school

AP COMPUTER SCIENCE A

10 Credits / Grades 9-12

Prerequisite: Teacher Recommendation

AP COMPUTER SCIENCE PRINCIPLES

10 Credits / Grades 9-12

Prerequisite: Teacher recommendation

DIGITAL VIDEO

FILM AND TELEVISION PRODUCTION

5 - 10 Credits / Grades 9-12

Prerequisite: None

ADVANCED FILM AND TELEVISION PRODUCTION (GRIFFIN NEWS)

5 - 20 Credits / Grades 10 - 12

Prerequisite: Digital and Video Production recommended

ADVANCED DIGITAL STORYTELLING

5 - 10 credits / Grades 11 – 12

Prerequisite: Digital and Video Production, Digital and Video Production Advanced recommended

ENGINEERING

INTRODUCTION TO ENGINEERING DESIGN (IED)

5-10 Credits / Grades 9-12 Prerequisite:

Algebra I recommended

PRINCIPLES OF ENGINEERING (POE)

5-10 Credits / Grades 10-12

Prerequisite: Algebra I or above; Introduction to Engineering Design

COMPUTER INTEGRATED MANUFACTURING (CIM)

5-10 Credits / Grades 11-12

Prerequisite: Algebra I or above; Intro to Engineering Design/Principles of Engineering

SPORTS MEDICINE

SPORTS MEDICINE

5-20 Credits / Grades 10-12

Prerequisite: None

ADVANCED SPORTS MEDICINE II

5-20 Credits / Grades 10-12

Prerequisite: None

EARLY CHILDHOOD (ROP)

ROP CHILD DEVELOPMENT F / S

5-10 Credits / Grades 9-12

Prerequisite: None

ROP CAREERS WITH CHILDREN I (Preschool Lab)

10 Credits / Grades 9-12

Prerequisite: None; ROP Child Development recommended HS

ROP CAREERS WITH CHILDREN II (Preschool Lab)

10 Credits / Grades 10-12

Prerequisite: ROP Careers with Children I / Recommended Careers with Children 1 & 2 in consecutive years

PUBLIC SAFETY (ROP)

ROP EMERGENCY MEDICAL RESPONDER

5-10 Credits / Grades 10-12

Prerequisite: None

ROP FIRE TECHNOLOGY

5-10 Credits / Grades 10-12

Prerequisite: None

ROP EMERGENCY MEDICAL TECHNICIAN

10 Credits / Grades 11-12

Prerequisite: Recommended completion of Emergency Medical Responder course; must be at least 17 years of age on class start date.

Computer Science

COURSE DESCRIPTIONS

INTRODUCTION TO COMPUTER SCIENCE

5 Credits / Grades 9-12

Prerequisite: A timed writing score of at least 25 wpm or certification from middle school
HS (g); CSU / UC (g)

This is an introductory course in computer science. No previous computer experience or knowledge is required. This course leads students through the process of computer programming utilizing problem solving skills. The course provides a strong foundation for students who later will take the Advanced Placement class. The Java programming language will be the vehicle used for implementing computer-based solutions to particular problems. This course meets one of the requirements for the Computer Science pathway cord.

AP COMPUTER SCIENCE A

10 Credits / Grades 9-12

Prerequisite: Teacher

Recommendation HS (g); CSU / UC (g)

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies, and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities. Students enrolling in this course are expected to sit for the AP Computer Science A exam in May.

AP COMPUTER SCIENCE PRINCIPLES

10 Credits / Grades 9-12

Prerequisite: Teacher recommendation

HS (g); CSU / UC (g)

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world. Students enrolling in this course are expected to sit for the AP Computer Science A exam in May.

4 Year Program Planning Worksheet for Computer Science Pathway

Listed below is the recommended sequence for students

	FALL	SPRING
<p>Grade 9</p> <p>10 credits in Fine Arts or World Language and 10 credits in Fine or Applied Arts must be taken in grades 9-12</p>	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Introduction to Computer Science 	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Introduction to Computer Science
<p>Grade 10</p>	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. Introduction to Engineering Design or AP Computer Science Principles 	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. Introduction to Engineering Design or AP Computer Science Principles
<p>Grade 11</p>	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. AP Computer Science Principles Or AP Computer Science A 	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. AP Computer Science Principles Or AP Computer Science A
<p>Grade 12</p>	<ol style="list-style-type: none"> 1. English 2. Amer. Political Traditions 3. Math 4. Elective or Fine Art 5. AP Computer Science A 	<ol style="list-style-type: none"> 1. English 2. Economics 3. Math 4. Elective or Fine Art 5. AP Computer Science A

<p><u>Scenario 1</u> Freshman Year: Introduction Computer Science Sophomore Year: AP Computer Science Principles Junior Year: AP Computer Science A Senior Year: Internship/Independent Study</p>	<p><u>Scenario 2</u> Freshman Year: No space available in schedule Sophomore Year: Introduction to Computer Science Junior Year: AP Computer Science Principles Senior Year: AP Computer Science A</p>
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Intro to Computer Science → AP Computer Science Principles → AP Computer Science A

Digital Media

The digital media employment sector offers a broad range of employment opportunities. The variety of careers in new media in arts accommodates a wide range of personalities and the potential for self-employment and entrepreneurship. Work is project-based and real world skills are developed alongside time management, meeting deadlines, and interpersonal skills. The academic content is dynamic and changes with emerging technologies. The program promotes teamwork, communication skills, critical thinking, and decision-making abilities. Estimated positive employment growth ranges from 16% to 31% according to the California EDD.

COURSE DESCRIPTIONS

FILM AND TELEVISION PRODUCTION

5 - 10 Credits / Grades 9-12

Prerequisite: None

HS (g); UC / CSU (g)

This course prepares the student to work in a production or post-production facility. Students will plan stories through story-boarding and screenwriting, learn filming techniques, and use editing software. This course meets one of the requirements for the Communications Careers Pathway Cord.

ADVANCED FILM AND TELEVISION PRODUCTION (GRIFFIN NEWS)

5 - 20 Credits / Grades 10 - 12

Prerequisite: Digital and Video Production recommended

H.S. (g); UC / CSU (g)

This course prepares the student to work in a production or post-production facility. Advanced students will be taping school events, sports, classroom activities, etc. to create the *Griffin News* student broadcast, a campus news show that is aired weekly to all students at LAHS. Students will plan stories, learn filming techniques, and use editing software. This course meets one of the requirements for the Communications Careers Pathway Cord.

ADVANCED DIGITAL STORYTELLING

5 - 10 credits / Grades 11 – 12

Prerequisite: Digital and Video Production, Digital and Video Production Advanced recommended

HS (g); UC / CSU (g)

Students will understand the historical evolution of digital media from perspectives of verbal, textual and visual literacy. It will include understanding properties and characteristic differences among various emerging digital media and social media (based on text, video, sound or virtual reality). Students will integrate various digital media (text, images, sound, and video) seamlessly in fictional and non-fictional narratives that reflect a variety of purpose and artistic inclination (narrative, visual poetry, documentary, etc.). They will formulate an effective communication strategy to articulate a digital media project from conceptualization, planning and visualization to development and execution. Collaborate effectively with peers will be an expectation of students enrolled in the course. Students will analyze and critique the aesthetics and effectiveness of digital media in a variety of their own works and those of others and communicate those assessments through digital media to their peers and a larger audience. Students will develop critical skills to explore the impact of digital media on individuals and society

4 Year Program Planning Worksheet for Digital Media Pathway

Listed below is the recommended sequence for students

Grade 9	FALL	SPRING
10 credits in Fine arts or World Language and 10 credits in Fine or Applied Arts must be taken in grades 9-12	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Digital & Video Production 	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Digital & Video Production
Grade 10 All courses meet “g” requirement for admission to CSU/UC	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. Digital & Video Production or Advanced Digital & Video Production 	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. Digital & Video Production or Advanced Digital & Video Production
Grade 11 Some courses have articulation agreements with local community colleges.	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. Advanced Digital & Video Production Or 	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. Advanced Digital & Video Production or
Grade 12 Capstone courses offer industry standard certification testing.	<ol style="list-style-type: none"> 1. English 2. Amer. Political Traditions. 3. Math 4. Elective 5. Advanced Digital Storytelling 	<ol style="list-style-type: none"> 1. English 2. Economics 3. Math 4. Elective 5. Advanced Digital Storytelling
Scenario 1 Freshman Year: Digital & Video Production Sophomore Year: Advanced Digital & Video Production Junior Year: Advanced Digital Storytelling Senior Year: Internship/Independent Study		Scenario 2 Freshman Year: No space available in schedule Sophomore Year: Digital & Video Production Junior Year: Advanced Digital & Video Production Senior Year: Advanced Digital Storytelling

Digital & Video Production → Advanced Digital & Video Production → Advanced Digital Storytelling

ENGINEERING



Engineering Pathway Los Alamitos Unified School District

WORKBASED LEARNING OPPORTUNITIES for Seniors: Internships, Lab Assistant, Job shadowing, Industry Sector Certification exams. Articulation with postsecondary training/education.

The U.S. Department of Commerce estimates that jobs in science, technology, engineering, and math (STEM) will grow 17 percent by 2018—nearly double the growth for non-STEM fields. By 2018, the U.S. will have more than 1.2 million unfilled STEM jobs because there will not be enough qualified workers to fill them. STEM is where jobs are today and where the job growth will be in the future.

Project Lead The Way (PLTW) is the nation's leading provider of K-12 STEM programs. Their world-class curriculum and high-quality teacher professional development model, combined with an engaged network of educators and corporate and community partners, help students develop the skills necessary to succeed in our global economy.

INTRODUCTION TO ENGINEERING DESIGN (IED)

5-10 Credits / Grades 9-12

Prerequisite: Algebra I recommended

HS (g); CSU / UC (g)

In this one-year PLTW course, students use a problem-solving model to design solutions to real-world challenges, including improving existing products and inventing new ones. Using sophisticated three-dimensional modeling software, students create designs and communicate product details. Emphasis is placed on analyzing potential solutions and communicating ideas to others. Students who successfully complete the one-year class are eligible for one year of UC-approved a-g elective credit. This course meets one of the requirements for the Engineering Careers Pathway Cord.

PRINCIPLES OF ENGINEERING (POE)

5-10 Credits / Grades 10-12

Prerequisite: Algebra I or above; Introduction to Engineering Design

HS (g); CSU / UC (g)

This one-year course uses PLTW curriculum designed by engineers for future engineers! Using activities and projects, students learn how engineers and technicians use math, science, and technology in an engineering problem-solving process. The course addresses social and political consequences of technological change. Students will explore careers in engineering and technology, including technology systems and manufacturing processes. Students who successfully complete the one-year class are eligible for one year of UC-approved a-g elective credit. This course meets one of the requirements for the Engineering Careers Pathway Cord.

COMPUTER INTEGRATED MANUFACTURING (CIM)

5-10 Credits / Grades 11-12

Prerequisite: Algebra I or above; Intro to Engineering Design/Principles of Engineering
HS (g); CSU / UC (g)

This one-year PLTW course, Computer Integrated Manufacturing, is a specialized course within the Engineering Pathway. This course teaches the fundamentals of computerized manufacturing technology. It builds on the solid-modeling skills developed in the Introduction to Engineering Design course. Students use 3-D computer software to solve design problems. They assess their solutions through the relationship of design, function and materials, modify their designs, and use prototyping equipment to produce 3-D models. Students who successfully complete the one-year class are eligible for one year of UC-approved a-g elective credit. This course meets one of the requirements for the Engineering Careers Pathway Cord.

4 Year Program Planning Worksheet for Engineering Pathway

Listed below is the recommended sequence for students

	FALL	SPRING
Grade 9 10 credits in Fine Arts or World Language and 10 credits in Fine or Applied Arts must be taken in grades 9-12	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Introduction to Engineering Design 	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Introduction to Engineering Design
Grade 10	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. Introduction to Engineering Design or Principles of Engineering 	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. Introduction to Engineering Design or Principles of Engineering
Grade 11	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. Principles of Engineering or Computer Integrated Manufacturing 	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. Principles of Engineering or Computer Integrated Manufacturing
Grade 12	<ol style="list-style-type: none"> 1. English 2. Amer. Political Traditions 3. Math 4. Elective or Fine Art 5. Computer Integrated Manufacturing 	<ol style="list-style-type: none"> 1. English 2. Economics 3. Math 4. Elective or Fine Art 5. Computer Integrated Manufacturing

<p><u>Scenario 1</u> Freshman Year: Introduction to Engineering Design Sophomore Year: Principles of Engineering Junior Year: Computer Generated Manufacturing Senior Year: Internship/Independent Study</p>	<p><u>Scenario 2</u> Freshman Year: No space available in schedule Sophomore Year: Introduction to Engineering Design Junior Year: Principles of Engineering Senior Year: Computer Generated Manufacturing</p>
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Intro to Engineering Design → Principles of Engineering → Computer Integrated Manufacturing

ENGLISH

COURSE DESCRIPTIONS

ELD ENGLISH I / II / III

10-40 Credits / Grades 9-12

Prerequisite: CELDT Proficiency Level

HS (a); one year of ELL English III will meet the CSU / UC (b)

This class provides opportunities for English Learners (EL) to converse and practice basic English patterns in a natural setting. The curriculum is thematic and grammatical. Traditionally small classes facilitate individual instruction and provide opportunities for students to expand their oral, writing, and reading competency in English. California Content Standards in English/Language Arts and English Language Development are the emphasis for instruction.

LITERATURE & COMPOSITION IV

10 Credits / Grade 12

Prerequisite: Teacher recommendation

HS (a)

This course covers the 12th Grade California Common Core State Standards in English/ Language Arts. Literature and Composition IV is a comprehensive high-school English/Language Arts course that emphasizes reading and writing about ideas and current issues. Students will study novels, short stories, films, and plays. Building skills in critical reading, concise writing, logical thinking, and fruitful discussion will lead the students to an awareness and understanding of themselves and others. Students will also gain experience in job skills, interviews, and effective communication.

HONORS COURSES

ENGLISH I HONORS

10 Credits / Grade 9

Prerequisite: Teacher recommendation

HS (a); CSU / UC (b)

English I Honors covers the 9th Grade Common Core State Standards in English/Language Arts and is designed for the academically gifted student. It will emphasize all aspects of grammar and usage skills and composition skills from the paragraph through the essay, with particular emphasis on phrases, clauses, and sentence types as they apply to writing. The study of literature will involve all genres and will concentrate on interpretation and analysis. The student will also study vocabulary and analogies in preparation for the PSAT test and further college preparatory work. Attention will be given to listening and speaking to fit the standards, group cooperative learning activities, and the fostering of critical thinking skills.

ENGLISH II HONORS

10 Credits / Grade 10

Prerequisite: Teacher recommendation

HS (a); CSU / UC (b)

This course covers the 10th Grade Common Core State Standards in English / Language Arts and is designed for the academically gifted student. It will emphasize composition skills through a series of essays (reflective, narrative, and analytical) and a research paper. The study of literature will involve all genres and will concentrate on interpretation and analysis. The student will also study vocabulary and word power in preparation for the PSAT test and further college preparatory work. Students must be prepared to make an exceptional time commitment to extensive reading and writing demands of the course.

ENGLISH LANGUAGE & COMPOSITION, ADVANCED PLACEMENT

10 Credits / Grade 11

Prerequisite: B+/A average in English classes (9-10), recommendation of English teacher, and writing sample submitted by student to AP instructors for evaluation

H.S. (b); CSU / UC (b)

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The goals of an AP English Language and Composition course are diverse because the college composition course is one of the most varied in the curriculum. The college course provides students with opportunities to write about a variety of subjects and to demonstrate an awareness of audience and purpose. Students enrolling in this course are expected to sit for the AP exam in May.

ENGLISH LITERATURE & COMPOSITION, ADVANCED PLACEMENT

10 Credits / Grade 12

Prerequisite: B+/A average in English classes (9-11), recommendation of English teacher, and writing sample submitted by student to AP instructors for evaluation

HS (a); CSU / UC (b)

This course covers the 12th Grade California Common Core State Standards as well as the National College Board Standards in English Literature and Composition. It meets the criteria and expectations of a lower-division college literature course and requires students to complete 2-3 hours of independent study per hour of class each week. Those who take this course and pass the National Advanced Placement examination may earn college credit. AP Literature studies begin in the summer preceding the course year when students are required to read two assigned readings and complete reader-response journals for each. During the school year, in preparation for the AP test in May and future college/university studies, students will do extensive work in college-level reading, analysis, and composition. After the AP test, students will continue their studies of literature and the humanities and will complete at least one independent project as part of the final grade for this course. Students enrolling in this course are expected to sit for the AP Literature Composition exam in May.

COLLEGE PREP COURSES

ENGLISH I

10 Credits / Grade 9

Prerequisite: None

HS (a); CSU / UC (b)

English I covers the 9th Grade California Common Core State Standards in English/Language Arts. This course represents the beginning of the study of the many concepts, skills, and responsibilities which the student needs to master in senior high school. Students in this course will be given a foundation in the techniques and tools used for expository, argumentative, narrative and research writing. Students will also study the foundations of language and its usage through vocabulary and grammar. From studying various literary selections (novels, short stories, poems, non-fiction articles), students will acquire a fair degree of mastery in the recognition of author's purpose, and the use of rhetorical devices and figurative language. Students will develop and practice listening and speaking skills through performance tasks and culminating projects.

ENGLISH II

10 Credits / Grade 10

Prerequisite: None

HS (a); CSU / UC (b)

English II covers the 10th Grade Common Core State Standards in English/Language Arts. The purpose of this course is to enable the student to study and evaluate various authors and their writing. The sampling will include a variety of writing styles and techniques. The course will also give the student a basis for the selection, evaluation, and understanding of the literature he/she chooses to read in the future. Emphasis will be on the communication of ideas through expository writing. Attention will be given to effective choice of words, sentence structure, and the writing of multi-paragraph compositions. Throughout the course, skills, mechanics, and usage will be developed according to each student's needs as seen in his/her compositions. Students will be required to do outside reading from several different types of literature.

ENGLISH III

10 Credits / Grade 11

Prerequisite: None

HS (a); CSU / UC (b)

English III covers the 11th Grade Common Core State Standards in English/Language Arts. This year-long course is designed with the specific needs of juniors in mind. The literature of American culture is enhanced by a strong emphasis in analytical reading. As a college preparatory course, skills in SAT preparation, vocabulary study, written critical analysis, oral communication, and technology will be integrated into the curriculum. Students gain an appreciation of the American experience through the study of American novels, essays, short stories, drama, and poetry in coordination with American history, film, music, and art.

ELECTIVE ENGLISH COURSE OPTIONS (College Prep)

BRITISH LITERATURE & COMPOSITION

10 Credits / Grades 12

Prerequisite: None

HS (a); CSU / UC (b)

British Literature and Composition addresses the 12th grade California Common Core State Standards in English Language Arts. This course highlights contemporary works of English, Irish, and Scottish writers and familiarizes students with classic stories that are the pillars of British Literature. From the authors of *Dracula* to *Harry Potter*, this course explores significant themes throughout literature such as power and ambition, prompting college-bound seniors to analyze the choices and their consequences of literary icons and of themselves. Reading and composition are vital components of the course.

CSU - EXPOSITORY READING AND WRITING COURSE (CSU ERWC)

10 Credits / Grade 12

Prerequisite: None

HS (a); CSU / UC (b)

The goal of the Expositor Reading and Writing Course (ERWC) is to prepare college-bound seniors for the literacy demands of higher education. Students develop advanced proficiency in expository, analytical, and argumentative reading and writing. One goal of the course is for students to be able to read, comprehend, and respond to non-fiction and literary texts. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies to their own writing. They examine the relationship between an author's argument or theme and his or her audience and purpose. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them.

MODERN LITERATURE & COMPOSITION

10 Credits / Grades 12

Prerequisite: None

HS (a); CSU / UC (b)

Modern Literature and Composition addresses the 12th grade Common Core State Standards in English / Language Arts. Literary selections from the Modern and Post-Modern periods as well as works from Contemporary writers will be incorporated into the course curriculum. Reading and composition are vital components of the course.

WORLD LITERATURE & COMPOSITION

10 Credits / Grades 12

Prerequisite: None

HS (a); CSU / UC (b)

World Literature and Composition addresses the 12th grade Common Core State Standards in English/Language Arts. This course introduces students to both current issues from around the world, and interesting, global voices. Emphasis is placed on the development of critical reading and writing skills in preparation for the students' post-secondary successes.

ELECTIVE COURSES – College Prep.

(These courses do not meet the English HS graduation requirement.)

MYTHOLOGY/FOLKLORE LITERATURE & COMPOSITION

5 Credits / Grades 11-12

Prerequisite: None

HS (a); CSU / UC (b)

Mythology / Folklore Literature and Composition covers the 11th – 12th Grade Common Core State Standards in English / Language Arts. A major objective of this course is to challenge the student to study and to evaluate the myths of different civilizations, primarily Greek, Roman, Celtic and the tales of King Arthur, in order to increase that student's awareness of and insight into basic human needs and problems and the long-range consequences of both. A second objective is to offer carefully selected and representative myths and literature based on those myths in order that the student can become aware of himself and others in relation to the past and to the past's influence on the present and future. A third objective is to increase the student's skills in logical thinking, critical reading, fruitful discussion, and concise writing. A fourth objective is a study of roots, prefixes, and suffixes that formed modern-day words and expressions.

THANATOLOGY LITERATURE & COMPOSITION

5 Credits / Grades 11-12

Prerequisite: None

HS (a); CSU / UC (b)

Thanatology Literature and Composition covers the 11th – 12th Grade Common Core State Standards in English / Language Arts. This course encompasses the general views about the various types of death and loss and their ramifications. Emphasis will be placed on carefully selected texts from the earliest period up to and including the most contemporary research and literature on the subject. Students will receive practice in both oral and written self-expression, logical thinking, critical listening skills, and concise writing. Emphasis will be placed on the grieving process that one experiences after any loss. Students' assignments will include persuasive essay, autobiographical account, condolence letter, poetry, video production, debate, peer review, book reports, and film critiques.

BIBLE AS LITERATURE

5 Credits / Grades 11-12

Prerequisite: None

HS (a); CSU / UC (b)

Bible as Literature covers the 11th – 12th Grade Common Core State Standards in English / Language Arts. This is not a course in religion; this is a course which explores the poetry, drama, essays, short stories, novels, and parables which are in the Bible. We will look at the first books in the Bible to see how much the stories and ideas have been used by writers of literature through the centuries. Many different kinds of expression will be studied for the ideas and values that are stressed. Written and oral assignments will enable the student to analyze literature within the context of biblical times, customs, and traditions.

FINE ARTS

PERFORMING ARTS

*Students may elect to take this course for fine arts or physical education credit. See counselor for P.E. credit limitations.

COURSE DESCRIPTIONS

*BEGINNING DANCE

5-10 Credits / Grades 9-12

Prerequisite: Teacher approval through audition

HS (d), (f), or (g)

This course teaches dance vocabulary, ballet/jazz dance techniques, performance techniques, and choreography techniques at the beginning level. Students are required to participate in one performance per semester. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit. Course may be repeated for credit. Students must register for the class and will receive notification in early April regarding auditions in late May. For more information go to www.losaldance.com.

Student athletes would especially benefit from involvement in the dance program. Dance can be taken for a fine arts requirement or as an elective. Dance will help all athletes improve in flexibility, agility, strength, balance and endurance.

*INTERMEDIATE DANCE

5-10 Credits / Grades 9-12

Prerequisite: Teacher approval through audition

HS (d), (f), or (g); CSU / UC (f)

This course teaches dance vocabulary, ballet/jazz dance techniques, performance techniques, and choreography techniques at varying intermediate levels. Students should have previous dance experience and are encouraged to continue dance training outside of school. Students are required to participate in one performance per semester enrolled. In addition to outside performances, students are required to take a dance vocabulary final and complete written critiques that require attendance at a professional dance performance outside of the school day. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit. Course may be repeated for credit. Students must register for the class and will receive notification in early April regarding auditions in late May. For more information go to www.losaldance.com.

Student athletes would especially benefit from involvement in the dance program. Dance can be taken for a fine arts requirement or as an elective. Dance will help all athletes improve in flexibility, agility, strength, balance and endurance.

*ADVANCED DANCE

5-10 Credits / Grades 9-12

Prerequisite: Teacher approval through audition HS (d), (f), or (g); CSU / UC (f)

This course teaches dance vocabulary, ballet/jazz dance techniques, performance techniques, and choreography techniques at the advanced level. Students must have outside dance experience and must continue training at a dance studio outside of school. Students are required to participate in one performance per semester enrolled. In addition to outside performances, students are required to take a dance vocabulary final and complete written critiques that require attendance at a professional dance performance outside of the school day. Advanced dancers also have conditioning after school every Thursday and conditioning, anatomy, and ballet pointe work on Fridays. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit. Course may be repeated for credit. Students must register for the class and will receive notification in early April regarding auditions in late May. For more information go to www.losaldance.com.

Student athletes would especially benefit from involvement in the dance program. Dance can be taken for a fine arts requirement or as an elective. Dance will help all athletes improve in flexibility, agility, strength, balance and endurance.

BEGINNING DRAMA

5 -10 Credits / Grades 9-12

Prerequisite: None

HS (f) or (g); CSU / UC (f)

Beginning Drama is an introductory performance-based class designed to acquaint the student with various aspects of theatre and performance including acting, technical theatre, history, terminology, and improvisation. Students will do in-class performances of scenes and monologues and participate in theatre games and exercises in class. Each semester will end with a full in-class performance. More information can be found on www.losaldrama.org

INTERMEDIATE DRAMA

10 Credits / Grades 10-12

Prerequisite: Beginning Drama or teacher approval (audition) HS (f) or (g); CSU / UC (f)

Intermediate Drama is a performance-based class. Students will study vocal technique, performance skills, acting theories, and various playwrights. Performances will include a production in the late winter or early spring as part of the season, in-class scene work, and participation at a local theatre festival. Students may enroll after two successful semesters of Beginning Drama or by audition. Auditions are held in April and require a memorized monologue and a cold reading. Previous performance experience is recommended. See teacher in March for audition information. More information can be found on www.losaldrama.org

ADVANCED DRAMA – Production (7th Period)

10 Credits / Grades 10-12 (Year-long Course)

Prerequisite: Teacher approval (audition)

HS (f) or (g); CSU / UC (f)

Advanced Drama is a performance-based class for advanced actors who will participate in productions as part of the Drama Department season. Students also participate in the CA State Thespian Festival in the spring, one-act festivals and are encouraged to take a LAMDA (London Academy of Music and Dramatic Arts) exam in the spring (equivalent of an AP exam). Auditions are held in April and require a memorized monologue and a cold reading. Previous performance

experience is highly recommended. See teacher in March for audition information.

TECHNICAL THEATRE

5-10 Credits / Grades 10-12 (Grade 9 with teacher approval)

Prerequisite: None

HS (f) or (g); CSU / UC (f)

This course provides an overview of the technical aspects of live productions. Topics will vary and may include theatrical terminology, safety, stage lighting, stage audio, costume/makeup design, scenic/props design and construction. Students will be expected to participate in a variety of after school events as crew members working on productions for high school drama, dance and vocal/instrumental music. This class requires physical work.

TECHNICAL THEATRE II

10 Credits/Grades 10-12 (Year-long Course)

Prerequisite: TECHNICAL THEATRE with B or better

HS (f) or (g); CSU / UC (f)

This course is a continuation of TECHNICAL THEATRE and provides in depth study of the technical aspects of live productions. Topics will vary and may include theatrical terminology, safety, stage management, scenic design and drafting, lighting design and programming, stage audio mixing, set construction, rigging, and costume/makeup design. Students will be expected to participate in a variety of after school events as crew members for district performing arts productions in a leadership role. Students are also expected to participate in the CA State Thespian Festival in the spring. This class requires physical work and the ability to be a self-motivated learner. Student will prepare a portfolio of design work. Course may be repeated for credit.

*BEGINNING / INTERMEDIATE BAND

10 Credits / Grades 9-10

Prerequisite: Permission of teacher

HS (d), (f), or (g); CSU / UC (f)

Open to all students who wish to perform on a traditional band instrument. During the fall, this band will combine with the Advanced band to form the marching band. After the marching band season is over, this band will explore traditional and contemporary wind band literature as the Symphonic Band. Attendance and participation at all performances is required.

*ADVANCED BAND

10 Credits / Grades 10-12

Prerequisite: Ability to play a band instrument, audition, and/or permission of teacher

HS (d), (f), or (g); CSU / UC (f)

Open to all students by audition and/or permission of the teacher. During the fall, this band will combine with the Beginning/Intermediate Band to form the marching band which performs at pep rallies, football games, parades, and field tournaments. During the spring semester (and after the marching season is over) this band becomes the Symphonic Band and performs at festivals and concerts. After the marching band season is over, this band will explore traditional and contemporary advanced wind band literature as the Wind Symphony. Attendance and participation at all performances is required.

*COLOR GUARD

10 credits/Grades 9-12

Prerequisite: Permission of teacher

Elective course (for grades 9-12); May count for P.E. credit (for grades 10-12)

This year-long course is designed to support the marching band activity and will focus on development of traditional and contemporary dance vocabulary, and equipment performance techniques including flag, rifle, sabre, and other props as needed. In the fall, this group performs with the marching band. After marching band season, this group performs as a stand-alone ensemble in local competitions.

*Color Guard does not count for high school or UC/CSU Fine Art credits. A student may opt to take color guard for P.E. credit in grades 10-12 only.

JAZZ BAND - INTERMEDIATE LEVEL

10 Credits / Grades 9-12

Prerequisite: Audition and/or permission of teacher

HS (d), (f), or (g); CSU / UC (f)

Open to all students by audition and permission of teacher. This class includes the study and performance of contemporary, jazz, and rock music for the "Big Band" idiom, with emphasis on beginning improvisation and musical style. This band will be a performing group playing concerts and jazz festivals. Attendance and participation at all performances is required.

JAZZ BAND - ADVANCED LEVEL

10 Credits / Grades 9-12

Prerequisite: Audition and/or permission of teacher

HS (d), (f), or (g); CSU / UC (f)

Open to all students by audition and permission of teacher. This class includes the study and performance of contemporary, jazz, and rock music for the "Big Band" idiom, with emphasis on advanced improvisation and musical style. This band will be a performing group playing concerts and jazz festivals. Attendance and participation at all performances is required.

MARCHING BAND

10 Credits / Grades 9-12

Prerequisite: Permission of teacher

HS (f) or (g); Elective course (for grades 9-12); May count for P.E. credit (for grades 10-12)

The Marching Band is an active, contemporary outdoor performance ensemble open to all qualified winds, percussion, and color guard students. The ensemble starts rehearsing in the summer and rehearses after school (7th period) and performs at school functions, community events, home football games, and local and regional field competitions. In the Spring, the band performs in local parade competitions. 9th grade participants may delay their PE participation. Students in 10th, 11th, and 12th grade students may opt to earn PE credit. Concurrent enrollment in Symphonic Band, Wind Symphony, or Percussion Ensemble is strongly encouraged.

PERCUSSION ENSEMBLE

10 Credits / Grades 9-12

Prerequisite: Previous percussion experience and audition and permission of instructor

HS (f) or (g) and may count for P.E. credit grades 10-12

This year-long course provides instruction in marching and concert percussion literature and techniques. The course will develop the necessary skills to perform on the student's main instrument as an individual and as part of the ensemble. In the fall, this group performs as the

percussion section of the marching band. Performances may include concert festivals, field shows, parades, half-time football games and winter drumline competitions. After marching band season, this group performs as a stand-alone ensemble in local competitions.

ORCHESTRA

10 Credits / Grades 9-12

Prerequisite: Previous instrumental experience; audition and permission of instructor HS (f) or (g); CSU / UC (f)

This is a one-year course providing instruction on string and full orchestra performance literature. The course will develop the necessary skills to perform on the student's instrument both as an individual and as part of an ensemble. This course offers continued development of those skills learned in the middle school level string orchestra program. Performances may include concerts and festivals on and off campus. Participation and attendance is required at all performances.

CONCERT CHOIR (Xpressions)

10 Credits / Grades 9-12

Prerequisite: Audition only

HS (f) or (g); CSU / UC (f)

This is a one-year choral music course for students interested in experiencing a wide range of musical styles and literature suited for a large ensemble at the intermediate to advanced level. Students will perform master choral works along with Broadway Musical Theater productions. Classical Choir festivals may be attended. Although previous choral experience is not required, some high school musical experience is recommended. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. This class is only offered "0" period (6:50-7:42 a.m.). Students interested in this class should register for the class and look for information regarding a June audition for enrollment the following fall. Students in grade 9-12 may earn Fine Arts graduation credit. Course may be repeated for credit.

MEN'S SHOW CHOIRS (Xtreme)

10 Credits / Grades 9-12

Prerequisite: Instructor Approval

HS (f) or (g); CSU / UC (f)

Open to all Los Alamitos High School male students, this choir will focus on choral literature and vocal techniques specifically for the men's voice. No previous experience required. A wide range of genres including cappella, Broadway, pop, and jazz is used to develop basic musicianship, vocal production, and performance skills. Culmination of class work will be public performances on campus and participation in show choir competitions. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. Course may be repeated for credit. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit.

BEGINNING WOMEN'S SHOW CHOIR (Axcent)

10 Credits / Grades 9-12

Prerequisite: Instructor Approval

HS (f) or (g); CSU / UC (f)

Open to all Los Alamitos High School female students, this choir will focus on choral literature and vocal techniques specifically for women's voices. No previous vocal experience required. A wide range of genres including classical, Broadway, pop, and jazz is used to develop basic musicianship, vocal production, and performance skills. Culmination of class work will be public performances on campus and participation in choral festivals and show choir competitions. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. Course may be repeated for credit. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit.

INTERMEDIATE WOMEN'S SHOW CHOIR (Xquisite)

5-10 Credits / Grades 9-12

Prerequisite: Audition Only

HS (f) or (g); CSU / UC (f)

This is a one-year performing ensemble offered to qualified women with some vocal music background. Show Choir festivals will be attended at the competitive level. Some required activities are scheduled outside of the regular school day including performances and rehearsals. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. Students interested in this class should register for the class and look for information regarding a June audition for enrollment the following fall. Course may repeat for credit. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit.

ADVANCED WOMEN'S SHOW CHOIR (Soundtrax)

5-10 Credits / Grades 9-12

Prerequisite: Audition only

HS (f) or (g); CSU / UC (f)

This is a one-year performing ensemble at the advanced level offered to qualified women with some vocal music background. Show Choir festivals will be attended at the competitive level. Time demands on this ensemble are great and require a serious musical commitment. Many required activities are scheduled outside of the regular school day including performances and rehearsals. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. Students interested in this class should register for the class and look for information regarding a June audition for enrollment the following fall. Course may be repeated for credit. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit.

INTERMEDIATE MIXED SHOW CHOIR (Connexion)

10 Credits / Grades 9-12

Prerequisite: Audition only

HS (d), (f), or (g); CSU / UC (f)

This is a one-year performing ensemble offered to qualified women with some vocal music

background. Show Choir festivals will be attended at the competitive level. Some required activities are scheduled outside of the regular school day including performances and rehearsals. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. Students interested in this class should register for the class and look for information regarding a June audition for enrollment the following fall. Course may be repeated for credit. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit.

ADVANCED MIXED SHOW CHOIR (Sound FX)

10 Credits / Grades 9-12

Prerequisite: Audition only

HS (d), (f), or (g); CSU / UC (f)

This is a one-year advanced course offered to students interested in participating in an entertainment ensemble at the highest professional level. Participation in competitions, festivals, on-campus concerts, community events, and rehearsals is mandatory and will require a great deal of time outside regular class meetings, sometimes requiring the students' attendance out of the regular class schedule. Requirements include consistent class attendance and promptness, attendance at all scheduled rehearsals and performances, acquisition of the appropriate performance apparel, part testing and written assignments and quizzes. Students interested in this class should register for the class and look for information regarding a June audition for enrollment in the following fall. Course may be repeated for credit. Students in grades 10-12 may earn P.E. or Fine Arts graduation credit.

VOCAL MUSICAL PRODUCTION

10 Credits / Grades 9-12

Prerequisite: Audition and teacher approval
HS (f) or (g); CSU / UC (f)

This course offers students the opportunity to receive small group or private instruction to develop vocal performance skills. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. A variety of music methods and repertoire, including art songs, musical theatre, pop, and jazz, is utilized to refine students' abilities in listening, analyzing, interpreting, and performing. Instruction is offered in basic vocal technique, musical theatre history, microphone usage, and audition skills. Students will utilize music technology to produce and record music in the recording studio. Student talent will be showcased throughout a multitude of facets including a Broadway Musical, original compositions and small ensemble performances. Course may be repeated for credit.

MUSIC THEORY, ADVANCED PLACEMENT

10 Credits / Grades 9-12

Prerequisite: Some previous musical experience; ability to read musical notation; knowledge of major and minor key signatures helpful. Teacher permission required.

HS (f) or (g); CSU / UC (f)

This traditional lecture class will focus on the music fundamentals and principals of musicianship and composition. Notation literacy, harmony, form, analysis, and sight-singing will be developed with the ultimate goal of composing, conducting, and a deeper understanding of musical creation. Preparation for the Advanced Placement exam will guide the curriculum. Students enrolled in this course are encouraged to sit for the AP exam in May.

VISUAL ARTS

Mid-year entry is allowed in all courses. A grade of C or better on all prerequisites is required unless otherwise stated.

COURSE DESCRIPTIONS

CERAMICS 1, 2 (POTTERY)

5-10 Credits / Grades 9-12

Prerequisite: None

HS (f) or (g); CSU (f) or (g); UC (f)

The first year class explores basic ceramic processes with a variety of techniques. This includes hand building, throwing on the wheel, and high-fire glazing and firing. Students produce well-crafted, functional pottery as well as expressive sculptural work.

ADVANCED CERAMICS (POTTERY)

5-30 Credits / Grades 10-12

Prerequisite: Ceramics 2 and teacher approval or grade of C or better

HS (f) or (g); CSU (f) or (g); UC (f)

This course builds on the knowledge gained in ceramics 2 while adding depth and complexity to the assignments. Students explore alternative clays and glazing methods in a rotating curriculum that ensures course work is not repeated. Students are encouraged to develop an artistic voice as they combine craftsmanship with personal expression.

3-D STUDIO ART (CERAMICS), ADVANCED PLACEMENT

10-30 Credits (may be repeated up to 3 times) / Grades 10-12

Prerequisite: Ceramics (minimum of one semester, portfolio review and teacher recommendation.

HS (f) or (g); CSU (f) (g); UC (f)

This course is designed to complete a portfolio of ceramic works for submission to the Advanced Placement board for 3D-Design AP credit. Students will build on skills learned in earlier ceramics classes as they create, glaze and photograph work that fulfills College Board requirements. Students will create work that shows technical skills while also developing a personal artistic voice that investigates an area of visual or philosophical concern.

CONTEMPORARY MEDIA IN ART 1, 2

5-10 Credits / Grades 9-12

Prerequisite: None

HS (f) or (g); CSU (f) or (g); UC (f)

This course is for students interested in exploring the creation of art with contemporary media. Students will create artwork using software like Photoshop, Illustrator and iMovie. Students will also work with hardware like Macintosh computers, drawing tablets, scanners and digital cameras. Emphasis will be on introductory design skills.

ADVANCED CONTEMPORARY MEDIA IN ART

5-30 Credits / Grades 10-12

Prerequisite: Contemporary Media in Art 2 with grade of C or better

HS (f) or (g); CSU (f) or (g)

This course is a continuation of Contemporary Media in Art 2 with an emphasis on more advanced projects. New graphic programs will be added to the students' curriculum in addition to advance design techniques such as 3D rendering or interactive media.

2D STUDIO ART (CONTEMPORARY MEDIA), ADVANCED PLACEMENT

10 Credits / Grades 10-12

HS (f) or (g); CSU (f) (g); UC (f)

Prerequisite: Contemporary Media (minimum of one semester, with grade of B or better); portfolio review

HS (f) or (g); CSU (f) (g); UC (f)

This course is designed for students that want to utilize contemporary media such as computers and tablets to build a portfolio for the Advanced Placement 2D-Design exam. Students will utilize techniques learned in prior contemporary media classes to explore different methods of making well composed art. Students will also advance their personal style by exploring a theme of the choosing. Assignments are in accordance with the College Board exam requirements.

CONTEMPORARY VIDEO 1, 2 (Year-long course)

10-20 Credits / Grades 10-12

Prerequisite: Teacher approval

HS (f) or (g); CSU (f) or (g); UC (f)

This course is for students interested in exploring the art of video production. Filming with HD Canon dSLRs and editing with Final Cut X on large display Mac computers, students create unique personal films alongside the LAHS video yearbook. Returning students will be challenged with advanced projects, techniques, and production leadership.

PRINTMAKING 1, 2

5-10 Credits / Grades 9-12

Prerequisite: None

HS (f) or (g); CSU (f) or (g); UC (f)

This course is for students interested in learning the fundamental techniques of printmaking using a variety of relief printmaking (Building stamps, carving linoleum blocks, and more) and screen printing processes. Students will create their own t-shirt design and print it on a t-shirt. Focus is on the personal, cultural, and societal contexts of art.

PRINTMAKING ADVANCED

5-30 Credits / Grades 10-12

Prerequisite: Printmaking 2 with grade of C or better

HS (f) or (g); CSU (f) or (g)

This course is a continuation of Printmaking 2 with emphasis on more advanced projects that will further develop the student's creativity and craftsmanship. For example students can learn

woodblock carving, dry point, etching, how to screen print stickers and more. Portfolio development will be emphasized in the third year and above.

DRAWING / PAINTING 1, 2

5-10 Credits / Grades 9-12

Prerequisite: None

HS (f) or (g); CSU (f) or (g); UC (f)

This course is designed to introduce the beginning student to the fundamental techniques of drawing and painting with an emphasis on utilizing the formal elements and principles of design, and developing technical skill, individual artistic expression, and visual awareness. Students will explore a variety of media and techniques and examine art and artifacts, past and present.

ADVANCED DRAWING / PAINTING

5-30 Credits / Grades 10-12

Prerequisite: Drawing/Painting 2 and grade of C or better

HS (f) or (g); CSU (f) or (g); UC (f)

This course builds upon the first two semesters of Drawing and Painting by continuing to develop visual awareness, appreciation, and discrimination. Various media will be introduced to further expand working vocabulary and technical skill. Continued study of artistic expression and development of personal voice will be incorporated into more complex and challenging projects.

2-D STUDIO ART (DRAWING & PAINTING), ADVANCED PLACEMENT

10-30 Credits (may be taken up to 3 times) / Grades 10-12

Prerequisite: Drawing & Painting (minimum of one semester), portfolio review and teacher recommendation

HS (f) or (g); CSU (f) or (g); UC (f)

This course is designed to complete a portfolio of drawing and painting works for submission to the Advanced Placement board for either a 2D (art and design) portfolio or Drawing portfolio. This course builds on previous drawing and painting skills and requires a self-directed learner. Students will develop their own concentration of projects and will become a part of the artistic community within the classroom.

3-DIMENSIONAL DESIGN 1, 2 (JEWELRY / CRAFTS)

5-10 Credits / Grades 9-12

Prerequisite: None

HS (f) or (g); CSU (f) or (g); UC (f)

This course is designed to introduce students to 3-dimensional design concepts and construction techniques through thematic projects and connections to art historical and contemporary approaches. Students will make a variety of projects including rings, working with found objects, casting, sawing, and creating collaborative installations. Students will learn how to work with a variety of materials including metals, paper, plaster, wood, wax, found objects, resin, and/or stone to design to create a variety of sculptural work.

ADVANCED 3-DIMENSIONAL DESIGN (JEWELRY / CRAFTS)

5-30 Credits / Grades 10-12

Prerequisite: 3-Dimensional Design 2 with grade of C or better

HS (f) or (g); CSU (f) or (g)

This course is a continuation of 3-Dimensional Design 2 with an emphasis on more advanced techniques, multimedia construction, and conceptual development. Students will utilize a variety of materials including metals, paper, plaster, wood, wax, found objects, resin, and/or stone to design and create a variety of 3-dimensional work.

PHOTOGRAPHY 1, 2

5-10 Credits; Grades 9-12

Prerequisite: None

HS (f) or (g); CSU (f) or (g); UC (f)

An introductory course designed to provide basic instruction in digital camera techniques, composition, and photo analysis. Students will also explore the historical context of photography and its impact on society.

ADVANCED PHOTOGRAPHY

5-35 Credits; Grades 9-12

Prerequisite: PHOTOGRAPHY 1, with grade of C or better

HS (f) or (g); CSU (f) or (g); UC (f)

This course is an advanced exploration of digital photography, including portraiture and lighting. Mastery of camera skills is emphasized. Students will improve their portfolios, while developing their style of personal expression.

2-D STUDIO ART (PHOTOGRAPHY), ADVANCED PLACEMENT

10 Credits / Grades 10-12

Prerequisite: Photography (minimum of one semester, with grade of B or better) and teacher recommendation.

HS (f) or (g); CSU (f) (g); UC (f)

This course is devoted to students creating a portfolio based on topic they define through the use of photography. The emphasis will be placed on quality of technique and self-guided exploration and experimentation of their topic. Assignments are in accordance with the College Board exam requirements.

ART HISTORY, ADVANCED PLACEMENT

10 Credits / Grades 10-12

Prerequisite: Recommendation from a History, English or Visual Art teacher

HS (f) or (g); CSU (f) or (g); UC (f)

This course is a college-level survey course that explores the history of global art. Research and lectures focus on contextual introduction to painting, sculpture and architecture from various art periods throughout history and across cultures according to the AP College Board standards. Strategies of contextual and comparative analysis prepare students to take the Advanced Placement test in Art History.

HEALTH

COURSE DESCRIPTION

HEALTH EDUCATION

Non-credit bearing / Grade 9

Required for high school graduation

Beginning with the graduating Class of 2019, the 5-credit bearing Health course is no longer required. Instead, a required health education module has taken its place. The Health Education Graduation Requirement is a non-credit bearing instructional module conducted during Grade 9 in Physical Education 9 courses. The learning is comprised of 18 hours of instruction and conducted through regular PE9 class meetings. Completion of the health education module is required to graduate Los Alamitos High School. Some units of study include:

- Personal Health
- Nutrition
- Family Living
- First Aid & CPR
- Communicable and Chronic Diseases
- Individual Growth and Development
- Tobacco, Alcohol, and other Drugs
- Environmental Health

MATHEMATICS

COURSE DESCRIPTIONS

Prerequisites are listed in order to make students aware of the level or proficiency necessary to successfully complete each course. Please do not register for a class unless you have met the prerequisite.

ALGEBRA A/B/C

15 Credits / Grades 9-12

Prerequisite: Teacher recommendation

H.S. (c)

The Algebra A/B/C course structure is offered as a 3-semester alternative to the traditional 2-semester (year-long) Algebra I course and is provided through teacher recommendation only. The course works to remediate mathematical skills, develop improved number sense, and establish strong algebraic skills. Students must complete the three semesters to fulfill the Algebra I requirement, the first math requirement for UC/CSU. Emphasizes: linear and quadratic functions, rational expressions, abstract thinking, and Common Core State Standards for mathematics in Algebra I.

SDAIE ALGEBRA A/B/C

15 Credits / Grades 9-12

Prerequisite: Teacher recommendation

H.S. (c)

The Algebra A/B/C course structure is offered as a 3-semester alternative to the traditional 2-semester (year-long) Algebra I course and is provided through teacher recommendation only. The course works to remediate mathematical skills, develop improved number sense, and establish strong algebraic skills. Students must complete the three semesters to fulfill the Algebra I requirement, the first math requirement for UC/CSU. Emphasizes: linear and quadratic functions, rational expressions, abstract thinking, and Common Core State Standards for mathematics in Algebra I.

ALGEBRA I

10 Credits / Grades 9-12

Prerequisite: Math 8, grade of B or better, teacher recommendation

HS (c); CSU / UC (c)

This is the first course in algebra and should be taken by those planning to attend a college or university. It requires abstract thinking and includes topics dealing with rational and irrational numbers and mathematical structure. Common Core State Standards for Mathematics in Algebra I will be covered.

SDAIE ALGEBRA I

10 Credits / Grades 9-12

Prerequisite: Math 8, grade of B or better; teacher recommendation, and passing score on algebra readiness placement test; or completion of Algebra B with grade of B or better; CELDT Proficiency Level

HS (c); CSU / UC (c)

This is the first course in algebra and should be taken by those planning to attend a college or university. It requires abstract thinking and includes topics dealing with rational and irrational numbers and mathematical structure. Common Core State Standards for Mathematics in Algebra I will be covered. Sheltered instructional strategies are utilized.

PRINCIPLES OF GEOMETRY

10 Credits / Grades 10-12

Prerequisites: Pass Algebra C or pass Algebra 1 (spring semester). Algebra I Teacher recommendation

HS (c); CSU / UC (c)

This course develops the mathematics skills necessary for successful entry into Intermediate Algebra. The course content is similar to Geometry and satisfies the requirements of the California State Standards. The content of this course deals with the geometry of two-dimensional and three-dimensional figures and the concept of deductive reasoning. The relations of figures of each other through similarities and congruencies are dealt with by examining obvious properties and deductively establishing others. Common Core State Standards for Mathematics in geometry will be covered in this course.

GEOMETRY

10 Credits / Grades 9-12

Prerequisites: Algebra I, grade of C or better; or Algebra A/B/C, grade of C or better HS (c); CSU / UC (c)

The content of this course deals with the geometry of two-dimensional and three dimensional figures and the concept of deductive reasoning. The relations of figures to each other through similarities and congruence are dealt with by examining obvious properties and deductively establishing others. Common Core State Standards for Mathematics in geometry will be covered in this course.

SDAIE GEOMETRY

10 Credits / Grades 9-12

Prerequisites: Algebra I, grade of C or better; or Algebra A/B/C, grade of C or better; CELDT Proficiency Level

HS (c); CSU / UC (c)

The content of this course deals with the geometry of two-dimensional figures and the concept of deductive reasoning. The relations of figures to each other through similarities and congruence are dealt with by examining obvious properties and deductively establishing others. Common Core

State Standards for Mathematics in geometry will be covered in this course. Sheltered instructional strategies are utilized.

HONORS GEOMETRY

10 Credits / Grades 9-10

Prerequisite: Algebra I, grade and test average of A at high school and teacher recommendation; or grade of B or better at middle school and teacher recommendation

HS (c); CSU / UC (c)

This course includes the same content as geometry, but additional topics are studied such as logic, vectors, and locus. All topics are approached with more mathematical rigor than the geometry course. Common Core State Standards for Mathematics in geometry will be covered in this course.

INTERMEDIATE ALGEBRA

10 Credits / Grades 11-12

Prerequisite: Completion of Algebra I or Algebra A/B/C with a grade of C or better and completion of Geometry with a grade of C or better, or completion of Principles of Geometry with a grade of C or better.

HS (c); CSU / UC (c)

This course is designed for students who do not intend to major in mathematics or science at the college / university level. It does not meet the prerequisite for entry into Advanced Math / Trigonometry. The course is similar in content to that of Algebra II, yet emphasizes the practical applications and necessary background skills for a successful level of achievement on college entrance math placement exams. Common Core State Standards for Mathematics in Algebra II will be covered.

ALGEBRA II

10 Credits / Grades 10-12

Prerequisite: Geometry, grade of C or better

HS (c); CSU / UC (c)

This course curriculum includes the real number system through the complex number system and prepares students for trigonometry and higher mathematics courses. Common Core State Standards for Mathematics in Algebra II will be covered. This course meets the college Algebra II requirement.

ALGEBRA II / TRIGONOMETRY

10 Credits / Grades 9-11

Prerequisite: Geometry Honors, grade of B or better, and teacher recommendation

HS (c); CSU / UC (c)

Algebra II / Trigonometry is designed for the academically accelerated math student. It combines the normal year course of Algebra II and the normal one-semester course of Trigonometry into a one-year course. Common Core State Standards for Mathematics in Algebra II will be covered. This course meets the college requirements of both intermediate algebra and trigonometry.

FINITE MATHEMATICS

10 Credits / Grade 12

Prerequisite: Intermediate Algebra or Algebra II, grade of C or better

HS (c); CSU / UC (c)

This is a post Intermediate Algebra / Algebra II course for students who desire an additional year of mathematics before, during, or after Trigonometry, Pre-Calculus, or AP Statistics. Topics covered will include logic, linear functions, matrices, linear programming, finance, set and counting theory, probability, statistics and game theory.

ADVANCED MATH / TRIGONOMETRY

10 Credits / Grades 11-12

Prerequisite: Algebra II, grade of B or better and minimum test average of 80% and teacher recommendation

HS (c); CSU / UC (c)

Advanced Math / Trigonometry is designed for the student who is college-bound. It provides the necessary background for Pre-Calculus. This course covers the following topics: linear, quadratic and higher degree polynomials; exponential and logarithmic functions; and Trigonometry.

PRE-CALCULUS

10 Credits / Grades 10-12

Prerequisite: Algebra II/Trigonometry, grade of B or better, minimum test average of 85%, and teacher recommendation; or Advanced Math/Trigonometry, grade of A- or better and teacher recommendation

HS (c); CSU / UC (c)

This course is designed to prepare students for Calculus. The content includes trigonometry, advanced algebra and functions, the study of limits, polar coordinates and complex numbers, introduction to the derivative, math induction, and sequences and series.

CALCULUS AB, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Pre-Calculus, grade C+ or better

HS (c); CSU / UC (c)

This course is the lower level calculus course, covering topics such as differentiation, integration, and applications of derivatives and integrals. Properties of elementary functions, such as polynomial, rational, radical, trigonometric, logarithmic, and exponential, are reviewed and extended into applications involving calculus. Students who enroll in a calculus course should have demonstrated mastery of algebra, geometry, coordinate geometry, and trigonometry, with four full years on mathematics preparation before calculus. Advanced topics in algebra, trigonometry, analytic geometry, complex numbers, and elementary functions should be studied in the pre-calculus course. Most colleges grant one quarter or one semester's credit to students who successfully pass the Calculus AB Advanced Placement examination. This course is designed to prepare students to take the Advanced Placement test in Calculus AB, and students enrolling in this course are expected to sit for the exam in May.

CALCULUS BC, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Pre-Calculus, grade of B+ or better

HS (c); CSU / UC (c)

This is the upper level calculus course, covering topics in the AB course, such as differentiation, integration, and applications of derivatives and integrals. Properties of elementary functions, such as polynomial, rational, radical, trigonometric, logarithmic, and exponential, are reviewed and extended into applications involving calculus, as well as infinite series and more advanced topics not covered in the AB course. Students who enroll in a calculus course should have demonstrated mastery of algebra, geometry, coordinate geometry, and trigonometry, with four full years of mathematics preparation before calculus. Advanced topics in algebra, trigonometry, analytic geometry, complex numbers, and elementary functions should be studied in the pre-calculus course. Most colleges grant one full year's credit to students who successfully pass the Calculus BC Advanced Placement examination. This course is designed to prepare students to take the Advanced Placement test in Calculus BC, and students enrolling in this course are expected to sit for the exam in May.

STATISTICS, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Teacher recommendation and one of the following: Grade of A in Algebra II; or Algebra II/Trig, grade of B or better; or Advanced Math/Trig, grade of B or better; or Finite Math, grade of B or better

HS (c); CSU / UC (c)

This course is designed to meet the needs of accelerated math students who wish to prepare for college statistics or the Statistics Advanced Placement examination. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. This course is designed to prepare students to take the Advanced Placement test in Statistics, and students enrolling in this course are expected to sit for the exam in May.

PHYSICAL EDUCATION

Students will need to provide their own shoes, socks, shorts, shirts and necessary underwear. All Physical Education classes are open to male and female students.

To provide a background in a variety of basic skills, 9th grade students are programmed into the following activities during the freshman year:

Basketball	Soccer
Flag Football	Softball
Tennis	Volleyball
Volley Tennis	Physical Best Training & Testing
Aquatics	

Students are required to participate in two semesters of physical education in grade 9.

Students are required to participate in two semesters of physical education in grades 10-12; however, they may select the course of their choice:

Aerobic Dance	Basketball
Jazz Dance	Weight Training
Lifetime Sports	

Students who wish to compete at a high skill level may try out for the following competitive athletic teams:

<u>Season</u>	<u>Sport</u>	<u>Boys</u>	<u>Girls</u>
Fall	Cross Country	*	*
	Football	*	*
	Golf		*
	Surf	*	*
	Tennis		*
	Volleyball		*
	Water Polo	*	
Winter	Basketball	*	*
	Soccer	*	*
	Water Polo		*
	Wrestling	*	*
Spring	Baseball	*	
	Golf	*	
	Lacrosse	*	*
	Softball		*
	Surf	*	*
	Swimming/Diving	*	*
	Tennis	*	
	Track & Field	*	*
	Volleyball	*	

COURSE DESCRIPTIONS

9th GRADE PHYSICAL EDUCATION (CO-ED)

5-10 Credits / Grade 9

Prerequisite: None

HS (d)

The class stresses fundamental skills in softball, weight lifting, flag football, basketball, tennis, track/conditioning, volleyball, volley tennis, and soccer.

BASKETBALL (CO-ED)

5 Credits / Grades 10-12

Prerequisite: None

HS (d)

The class stresses fundamental skills of basketball. Students will experience levels of team competition.

WEIGHTLIFTING/CONDITIONING (CO-ED)

5 Credits / Grades 10-12

Prerequisite: None

HS (d)

The fundamental skills, techniques, and terminology of weightlifting are taught. There are opportunities for self-improvement programs.

AEROBIC DANCE (CO-ED)

5 Credits / Grades 10-12

Prerequisite: None

HS (d)

This course is structured to strengthen the heart, lungs and circulatory system. Exercises will be done to strengthen the cardiovascular system with vigorous dance movements and strength training.

LIFETIME SPORTS (CO-ED)

5 Credits / Grades 10-12

Prerequisite: None

HS (d)

Emphasis is placed on the fundamentals of golf, archery, tennis, and volleyball, including skills, techniques, and terminology.

*COLOR GUARD

10 credits/Grades 9-12

Prerequisite: Permission of teacher

Elective course (for grades 9-12); May count for P.E. credit (for grades 10-12)

This year-long course is designed to support the marching band activity and will focus on development of traditional and contemporary dance vocabulary, and equipment performance techniques including flag, rifle, sabre, and other props as needed. In the fall, this group performs with

the marching band. After marching band season, this group performs as a stand-alone ensemble in local competitions.

*Color Guard does not count for high school or UC/CSU Fine Art credits. A student may opt to take color guard for P.E. credit in grades 10-12 only.

***BEGINNING DANCE (CO-ED)**

5-10 Credits / Grades 10-12

Prerequisite: Teacher approval through audition

HS (d), (f), or (g)

This course teaches dance vocabulary, ballet/jazz dance techniques, performance techniques, and choreography techniques at the beginning level. Students are required to participate in one performance per semester. Enrollment will count towards the student's P.E. graduation requirement. Course may be repeated for credit. Students must register for the class and will receive notification in early April regarding a late May audition. For more information go to www.losaldance.com.

***INTERMEDIATE DANCE (CO-ED)**

5-10 Credits / Grades 10-12

Prerequisite: Teacher approval through audition

HS (d), (f), or (g); CSU / UC (f)

This course teaches dance vocabulary, ballet/jazz dance techniques, performance techniques, and choreography techniques at varying intermediate levels. Students should have previous dance experience and are encouraged to continue dance training outside of school. Students are required to participate in one performance per semester enrolled. In addition to outside performances, students are required to take a dance vocabulary final and complete written critiques that require attendance at a professional dance performance outside of the school day.

Enrollment will count towards the student's P.E. OR Fine Arts graduation requirement. Course may be repeated for credit. Students must register for the class and will receive notification in early April regarding a late May audition. For more information go to www.losaldance.com.

***ADVANCED DANCE (CO-ED)**

5-10 Credits / Grades 10-12

Prerequisite: Teacher approval through audition

HS (d), (f), or (g); CSU / UC (f)

This course teaches dance vocabulary, ballet/jazz dance techniques, performance techniques, and choreography techniques at the advanced level. Students must have outside dance experience and must continue training at a dance studio outside of school. Students are required to participate in one performance per semester enrolled. In addition to outside performances, students are required to take a dance vocabulary final and complete written critiques that require attendance at a professional dance performance outside of the school day. Advanced dancers also have conditioning after school every Thursday and conditioning, anatomy, and ballet pointe work on Fridays.

Enrollment will count towards the student's P.E. OR Fine Arts graduation requirement. Course may be repeated for credit. Students must register for the class and will receive notification in early April regarding a late May audition. For more information go to www.losaldance.com.

REGIONAL OCCUPATIONAL PROGRAM (ROP)

The North Orange County Regional Occupational Program (ROP) is one of 72 California state-funded programs providing quality job training, career guidance, and job placement assistance for a diverse high school and adult population. These programs and services prepare students for employment, occupational changes, and/or further occupational education, which will enable students to contribute successfully to a rapidly changing society. Besides the community training sites, ROP classes are located on 22 high school campuses and in five centers. New ROP courses are constantly being developed in response to an expressed labor market demand and/or an effort to provide career pathways for high school students.

Courses vary in length from six-week units to two-year certificate programs. High school students receive one credit toward graduation for every fifteen (15) hours of classroom attendance. Thirty (30) hours of paid work experience when attending a CVE class also earns one credit toward graduation. A maximum of 40 credits earned outside the regular school day through ROP may be applied toward high school graduation.

The following programs are offered on campus DURING THE SCHOOL DAY:

ROP CHILD DEVELOPMENT F / S
5-10 Credits / Grades 9-12
Prerequisite: None
HS (g); CSU / UC (g)

You will study children's developmental stages from conception through early adolescence. You will focus on the emotional/psychological, cognitive and physical aspects of development, and on the influences on development of heredity and environmental factors. Students also work on career skills such as: mock interviews, resumes, cover letters, soft skills, etc. Students use Infant Simulators for the completion of their capstone project. Students who successfully complete two semesters of the Child Development course are eligible for one year of UC-approved a-g credit. This course meets one of the requirements for the Education Careers Pathway Cord.

ROP CAREERS WITH CHILDREN I (Preschool Lab)
10 Credits / Grades 9-12
Prerequisite: None; ROP Child Development recommended
HS (g); CSU / UC (g)

Are you patient, inventive, creative, and organized? If so, then you are ready for this real-world setting. You will learn to recognize developmental stages in children ages 2.5 to 5 years of age in the preschool lab. You will learn teaching methods that work to help little children love to learn in a happy, structured environment. Students also work on career skills such as: mock interviews, resumes, cover letters, soft skills, etc.

ROP CAREERS WITH CHILDREN II (Preschool Lab)
10 Credits / Grades 10-12
Prerequisite: ROP Careers with Children I / Recommended Careers with Children I & II in consecutive years

This class prepares students for working with young children in preschool and home settings and for advanced training. Students also work on career skills such as: mock interviews, resumes, cover letters, soft skills, etc. Orange Coast College grants advanced placement and/or credits at the college to students who complete the course with grades of A or B. See your instructor for details.

4 Year Program Planning Worksheet for Early Childhood Education Pathway

Grade 9	FALL	SPRING
10 credits in Fine Arts or World Language and 10 credits in Fine or Applied Arts must be taken in grades 9-12	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. ROP Child Development 	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. ROP Child Development
Grade 10	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. ROP Child Development or ROP Careers with Children I 	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. ROP Child Development or ROP Careers with Children I
Grade 11	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. ROP Careers with Children I Or ROP Careers with Children II 	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. ROP Careers with Children I Or ROP Careers with Children II
Grade 12	<ol style="list-style-type: none"> 1. English 2. Amer. Political Traditions 3. Math 4. Elective or Fine Art 5. ROP Careers with Children II 	<ol style="list-style-type: none"> 1. English 2. Economics 3. Math 4. Elective or Fine Art 5. ROP Careers with Children II

Listed below is the recommended sequence for students

<p>Scenario 1 Freshman Year: Child Development Sophomore Year: Careers with Children I Junior Year: Careers with Children II Senior Year: Internship/Independent Study</p>	<p>Scenario 2 Freshman Year: No space available in schedule Sophomore Year: Child Development Junior Year: Careers with Children I Senior Year: Careers with Children II</p>
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Child Development → Careers with Children I → Careers with Children II

ROP EMERGENCY MEDICAL RESPONDER

5-10 Credits / Grades 10-12

Prerequisite: None

HS (g); CSU / UC (g)

Whether you want to be a lifeguard, a firefighter, or a medical worker in any branch of medicine, this class will give you a great introduction. You will learn skills to assist Emergency Medical Services providers at the scene. You will study patient assessment, triage, first aid, emergency responsibilities, and ethical/legal issues and responsibilities. This class prepares you for the EMT class and advanced studies in the field. This course meets one of the requirements for the Medical Careers Pathway Cord.

ROP FIRE TECHNOLOGY

5-10 Credits / Grades 10-12

Prerequisite: None

HS (g); CSU / UC (g)

If you are very physically fit, self-disciplined and highly ethical, the firefighting service may be a good match. You'll learn about careers within the fire service, about fire behavior, firefighting tactics, ethics, legal issues and history of the fire service. This class trains you for further education. This course meets one of the requirements for the Medical Specialties Pathway Cord.

ROP EMERGENCY MEDICAL TECHNICIAN

10 Credits / Grades 11-12

Prerequisite: Recommended completion of Emergency Medical Responder course; must be at least 17 years of age on class start date.

HS (g); CSU / UC (g)

Start your healthcare career as an Emergency Medical Technician with one of the top public high school EMT programs. An EMT is a front-line, entry-level healthcare provider who is often the first to provide medical assistance to people who are experiencing a medical emergency or traumatic injury. EMT certification and work experience are also critical steps for those seeking Paramedic training. Many doctors, nurses, and other healthcare providers began their careers as EMTs. Success in this course allows you to take the national registry emergency medical technician certification (NREMT). It is strongly suggested but not mandatory that students in this course take Emergency Medical Responder course as well - also offered as one of the Los Alamitos High School career technical education courses.

4 Year Program Planning Worksheet for Public Safety Pathway

Listed below is the recommended sequence for students

Grade 9	FALL	SPRING
10 credits in Fine Arts or World Language and 10 credits in Fine or Applied Arts must be taken in grades 9-12	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Elective 	<ol style="list-style-type: none"> 1. English I 2. Math 3. P.E. 4. Science 5. World Language or Elective 6. Elective
Grade 10	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. ROP Fire Technology 	<ol style="list-style-type: none"> 1. English II 2. World History 3. Math 4. P.E. or World Language 5. Science 6. ROP Fire Technology
Grade 11	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. ROP Emergency Medical Responder 	<ol style="list-style-type: none"> 1. English 2. US History 3. Science 4. Math 5. P.E. or Elective 6. ROP Emergency Medical Responder
Grade 12	<ol style="list-style-type: none"> 1. English 2. Amer. Political Traditions 3. Math 4. Elective or Fine Art 5. ROP Emergency Medical Technician 	<ol style="list-style-type: none"> 1. English 2. Economics 3. Math 4. Elective or Fine Art 5. ROP Emergency Medical Technician

<p>Scenario Freshman Year: none Sophomore Year: Fire Technology Junior Year: Emergency Medical Responder Senior Year: Emergency Medical Technician</p>	<p>Student in the Public Safety Pathway must be 18 years old within six months of completing the ROP Emergency Medical Technician course. Completion of the pathway allows students to take the national EMT Certificate exam.</p>
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Fire Technology → Emergency Medical Responder → Emergency Medical Technician

You might also enjoy the following nearby ROP classes:

Arts, Media & Entertainment
Automotive Technology
Culinary Arts
Dental Assistant
Emergency Medical Technician
Forensic Science
Hospitality/Knott's Berry Farm
Hospitality/Retail Restaurant
Medical

Nursing Assistant
Pharmacy Technician
Retail Careers
Welding/Metal Fabrication

For complete ROP course catalog and enrollment information, contact:

Mrs. Marianne Schaeffer
Counselor / Career
Guidance Specialist
Los Alamitos High School
Phone: (562) 799-4780, ext. 82240
Fax: (562) 799-4802

- OR -

North Orange County ROP Education
385 N. Muller Street
Anaheim, CA 92801
(714) 502-5874
www.nocrop.us

Students who choose to enroll in an on-campus ROP class which is offered during the regular school day should see their high school counselor. For classes offered after the regular school day, enrollment forms are available from the Career Guidance Counselor in the College and Career Center.

North Orange County ROP is accredited by the Western Association of Schools and Colleges.

SCIENCE

COURSE DESCRIPTIONS

PHYSICAL SCIENCE OF THE EARTH

10 Credits / Grades 9-12

Prerequisite: None

HS (e)

This is a one-year course designed to meet the physical science requirement to earn a high school diploma. This survey course will focus on the Earth Science content standards. Topics of study include measurement, earth's chemistry, California Geology, earth's resources, earth's surface, earth's water, mapping, earth's forces, earth's history, oceanography, meteorology, astronomy, and physics.

SDAIE PHYSICAL SCIENCE OF THE EARTH

10 Credits / Grades 9-12

Prerequisite: CELDT Proficiency Level

HS (e)

This is a one-year course designed to meet the physical science requirement to earn a high school diploma. This survey course will focus on the Earth Science content standards. Topics of study include measurement, earth's chemistry, California Geology, earth's resources, earth's surface, earth's water, mapping, earth's forces, earth's history, oceanography, meteorology, astronomy, and physics. Sheltered instructional strategies are utilized.

COLLEGE PREP COURSES

BIOLOGY

10 Credits / Grades 9-12

HS (e); CSU / UC (d)

Biology is a college preparatory course designed to familiarize the student with the diversity and processes of life. This course emphasizes the classification and ecology of organisms, the role that evolution has played in life on earth, ecological change and stability, the molecular, cellular and organism levels of life, and energy production and flow within living systems. General topics in Biology include units such as Introduction to Biology, Cell Structure, Cell Function, Taxonomy and Evolution, Viruses, Diversity of Life, Ecology, Genetics, and Animal Physiology. Students develop the ability to think and express themselves in a scientific manner by focusing on the importance of laboratory skills, experimentation, and analysis. The biology curriculum meets or exceeds state-mandated standards.

SDAIE BIOLOGY

10 Credits / Grades 9-12

HS (e); CSU / UC (d)

SDAIE Biology is a college preparatory course designed to familiarize the student with the diversity and processes of life. This course emphasizes the classification and ecology of organisms, the role that evolution has played in life on earth, ecological change and stability, the molecular, cellular and organism levels of life, and energy production and flow within living systems. General topics in Biology include units such as Introduction to Biology, Cell Structure, Cell Function, Taxonomy and Evolution, Viruses, Diversity of Life, Ecology, Genetics, and Animal Physiology. Students develop the ability to think and express themselves in a scientific manner by focusing on the importance of laboratory skills, experimentation, and analysis. The biology curriculum meets or exceeds state-mandated standards. Sheltered instructional strategies are utilized.

CHEMISTRY

10 Credits / Grades 9-12

Prerequisite: For Grades 10-12, completion of year-long Algebra I with a grade of B or better or concurrent enrollment in Algebra II; for Grade 9, concurrent enrollment in Geometry Honors or higher level math. Recommended in Grade 9 only for students planning to take AP Chemistry, AP Physics, and AP Biology.

HS (e); CSU / UC (d)

Chemistry covers the California Content Standards in Chemistry. Principles of chemistry are developed from laboratory observations of physical properties and chemical reactions. The language, formulas, and equations of chemistry are used in interpreting atomic structure and chemical bonding; periodic behavior of elements; rates and energies of chemical and nuclear change; equilibrium of gaseous systems, acids and bases, and organic functional groups.

CONCEPTUAL CHEMISTRY IN THE LABORATORY

10 Credits / Grades 10-12

Prerequisite: Algebra I, grade of C or better, **or** Algebra C and D, grade of C or better, and Biology, grade of C or better

HS (e); CSU / UC (g) – This course does **NOT** meet the science requirement for the UC (d). This course does meet the physical science requirement for the CSU.

Conceptual Chemistry is a two-semester course aligned with the California Content Standards in Chemistry. The emphasis will be on a conceptual understanding (less rigor and less emphasis on mathematical applications); however, basic algebraic and graphing skills will be used to analyze data and reinforce concepts. Conceptual Chemistry builds a foundation of vocabulary and conceptual knowledge in the basic areas of chemistry: atomic structure, chemical bonding, periodic behavior of elements, chemical and nuclear change, equilibrium, gaseous systems, and acids and bases. Principles of chemistry are developed from laboratory observations and teacher-led demonstrations.

PHYSICS

10 Credits / Grades 10-12

Prerequisite: Concurrent enrollment in Algebra II or higher level math

HS (e); CSU / UC (d)

Physics covers the California Content Standards in Physics. This is an introductory one-year college preparatory course based on lecture, demonstrations, and laboratory experiments. Topics studied include: mechanics, heat, waves, energy, and electro-magnetism. Emphasis is on building a strong foundation in principles of physics and how they apply to daily life.

HUMAN ANATOMY AND PHYSIOLOGY

10 Credits / Grades 10-12

Prerequisite: Biology, grade of C or better, or completion of science graduation requirements with grades of C or better
HS (e); CSU / UC (d)

This course is designed as a science enhancement class for students interested in the human body. The course will address each body system including an emphasis on care and wellness. Common abnormalities or pathologies will also be discussed with coverage of disease prevention and medical treatments. Numerous laboratory exercises will support the lecture presentations and facilitate practical physiological analysis.

MARINE BIOLOGY/OCEANOGRAPHY

10 Credits / Grades 11-12

Prerequisite: Biology, grade of C or better, and completion of the physical science graduation requirement
HS (e); CSU / UC (d)

This course is designed as a science enrichment course for students interested in pursuing additional knowledge in the science area. To familiarize students with the marine environment (an integral part of Southern California), topics such as physical oceanography, marine organismic biology, and marine ecology will be presented. Numerous laboratory exercises will be incorporated throughout the curriculum.

HONORS COURSES

BIOLOGY, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Biology and Chemistry, grade of A, or AP Chemistry, grade of B or better, and teacher approval
HS (e); CSU / UC (d)

This is a demanding course presented at the college level and is designed to meet the needs of students who want a thorough training in biology. This course will emphasize biochemistry, genetics, evolution, physiology, ecology, and behavior. This is a study of biology on a molecular level. This course prepares students for the Advanced Placement test in Biology, and students enrolling in the course are expected to sit for the exam in May.

CHEMISTRY, ADVANCED PLACEMENT

10 Credits / Grades 10-12

Prerequisite: Chemistry, grade of A both semesters, teacher approval
HS (e); CSU / UC (d)

Advanced Placement Chemistry is a rigorous one-year course provided for students who desire further study in chemistry during high school. The course is designed to examine the principles and properties of matter and to investigate the changes in energy accompanying chemical change. The course is presented at college level. If the student is planning to take both AP Chemistry and AP Biology, enrollment in AP Chemistry is recommended first. This course prepares students for the Advanced Placement test in Chemistry, and students enrolling in the course are expected to sit for the exam in May.

ENVIRONMENTAL SCIENCE, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Biology, grade of B or better both semesters, and Chemistry, grade of B or better both semesters; teacher approval

HS (e); CSU / UC (d)

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will enter the debate about man's effect on the environment, the current scientific theories about man's effect on the environment, and the diverse political positions associated with these theories. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet, there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. This course prepares students for the Advanced Placement test in Environmental Science, and students enrolling in the course are expected to sit for the exam in May.

PHYSICS1, ADVANCED PLACEMENT

10 Credits / Grades 10-12

Prerequisite: Algebra II/Trigonometry, grade of B or better, or concurrent enrollment Pre-Calculus

HS (e); CSU / UC (d)

AP Physics is a one-year college-level course covering many of the topics as our regular physics class but with more depth and rigor. An emphasis on problem solving to prepare for the noncalculus Advanced Placement Physics I test is balanced with inquiry based experiments. Students enrolling in the course are expected to sit for the exam in May.

PHYSICS C (MECHANICS), ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Concurrent enrollment or satisfactory completion of Calculus

HS (e); CSU / UC (d)

This is the first semester of a one-year college-level, calculus-based physics class spread out over one year at Los Alamitos High School. This would be the college course taken by students majoring in science or engineering and requires concurrent enrollment in or successful completion of calculus. The sequence is more intensive and analytical than that in the AP Physics I course. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. This course requires previous exposure to physics. Students enrolling in the course are expected to sit for the exam in May.

SOCIAL SCIENCE

COURSE DESCRIPTIONS

REQUIRED COURSES

WORLD HISTORY, CULTURES, & GEOGRAPHY (or see Advanced Placement World History, Cultures, & Geography)

10 Credits / Grade 10

Prerequisite: None

HS (b); CSU (g); UC (a)

World History, Cultures, and Geography covers the California Content Standards in World History. This is a one-year course designed to introduce students to the study of geographic, political, economic, and social aspects of selected time periods and nation states. After a review of the social sciences, the course will focus on unresolved problems, the rise of democracy, the Industrial Revolution, imperialism, and totalitarianism, and concludes with Nationalism in the Contemporary World.

SDAIE WORLD HISTORY, CULTURES, & GEOGRAPHY

10 Credits / Grade 10

Prerequisite: CELDT Proficiency Level and Student Study Team (SST) recommendation

HS (b)

SDAIE World History, Cultures, and Geography covers the California Content Standards in World History. This is a one-year course designed to introduce students to the study of geographic, political, economic, and social aspects of selected time periods and nation states. After a review of the social sciences, the course will focus on unresolved problems, the rise of democracy, the Industrial Revolution, imperialism, and totalitarianism, and concludes with Nationalism in the Contemporary World (see course outline). Sheltered instructional strategies are utilized.

UNITED STATES HISTORY (or see Advanced Placement U.S. History)

10 Credits / Grade 11

Prerequisite: None

HS (b); CSU / UC (a)

United States History covers the California Content Standards in History. This course is designed to provide students with an understanding of the role of the United States in the world, linking the past to the present. The course is designed in a two-semester format to be taken in the junior year. Emphasis will be placed on skills development (critical thinking, essay writing, map skills). The focus of the course will be from 1880 to the present.

SDAIE UNITED STATES HISTORY

10 Credits / Grade 11

Prerequisite: CELDT Proficiency Level and Student Study Team (SST) recommendation
HS (b)

SDAIE United States History covers the California Content Standards in History. This course is designed to provide students with an understanding of the role of the United States in the world, linking the past to the present. The course is designed in a two-semester format. Emphasis will be placed on skills development (critical thinking, essay writing, map skills). The focus of the course will be from 1880 to the present. Sheltered instructional strategies are utilized.

AMERICAN POLITICAL TRADITION

5 Credits / Grade 12

Prerequisite: None

HS (b); CSU / UC (a)

American Political Tradition is a one-semester required course that covers the California Content Standards in American Government. As such, it covers features of our United States political systems - national, state, and local. The intent has been to provide a course which is conceptual and interdisciplinary in approach. While emphasizing political science, it includes insights from psychology, anthropology, sociology, history, and economics.

SDAIE AMERICAN POLITICAL TRADITION

5 Credits / Grade 12

Prerequisite: None

HS (b); CSU / UC (a)

SDAIE American Political Tradition is a one-semester required course that covers the California Content Standards in American Government. As such, it covers features of our United States political systems - national, state, and local. The intent has been to provide a course which is conceptual and interdisciplinary in approach. While emphasizing political science, it includes insights from psychology, anthropology, sociology, history, and economics. Sheltered instructional strategies are utilized.

ECONOMICS

5 Credits / Grade 12

Prerequisite: None

HS (b); CSU / UC (g)

Economics is a one-semester required course that covers the California Content Standards in Economics. It is designed to provide students with the tools of economic analysis in order to better understand personal, community, national, and international economic issues. The student will be provided an overview of macro economic and micro economic principles, as well as relevant consumer economic information.

SDAIE ECONOMICS

5 Credits / Grade 12

Prerequisite: CELDT Proficiency Level and Student Study Team (SST) recommendation
HS (b); CSU / UC (g)

SDAIE Economics is a one-semester required course that covers the California Content Standards in Economics. It is designed to provide students with the tools of economic analysis in order to better understand personal, community, national, and international economic issues. The student will be provided an overview of macro economic and micro economic principles, as well as relevant consumer economic information. Sheltered instructional strategies are utilized.

ELECTIVE COURSES

CRIMINAL LAW

5 Credits / Grades 9-12

Prerequisite: None

This course covers the foundations of our legal system, with special emphasis on the rights laid out in the Constitution and Bill of Rights. We will examine the U.S. court system (especially the Supreme Court and its landmark 4th, 5th, and 6th Amendment decisions), the criminal justice process (judicial procedures as you go through the criminal legal system), classes of crimes & measurements of crime severity (exploring crime from all sides, including the criminal themselves), punishment and the prison system, the rights of juveniles v. adults, the death penalty, the Three Strikes Law and other controversial criminal law topics. This course is engaging and highly interactive, tackling many criminal justice issues plaguing America today.

EUROPEAN HISTORY, ADVANCED PLACEMENT

10 Credits / Grade 12

Prerequisite: 3.25 GPA or teacher approval
CSU (g); UC (a)

Advanced Placement European History is designed into give students understanding of European history since 1450 and its impact on today's global society. The cultural, economic, political, and social development of Europe will be taught using a variety of methods and sources of information (primary sources, video clips, discussions, lectures, individual and group projects). The course will emphasize the fundamental role Europe has played in shaping civilization beginning with the Renaissance through the present day. Particular interest will be played to significant individuals and institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. This class increase student knowledge of the evolution of European societies, as well as prepare them for the AP European History exam. Students are expected to sit for the exam in May.

FINANCIAL LITERACY

5 Credits/Grades 11-12

Prerequisite: None
CSU/UC (g)

Financial Literacy is a seminar-style course that immerses students in the world of finance and its effects on the economic, social and political landscape. The course is a history elective although it incorporates elements of economics, political science, mathematics and psychology. The class will focus on a history of banking and various financial instruments followed by a study of the most

recent housing crisis. Other topics include the history and roles of international organizations such as the International Monetary Fund and the World Bank and their connections to the international economic and political issues of the day. We will examine the recent international financial crisis to help students understand the many moving parts of the world of finance.

HISTORY AND THE FUTURE

5 Credits / Grades 9-

12 Prerequisite: None

CSU / UC (g)

If you're interested in a college prep elective class that uses class discussions, video clips, and projects to foster creative opportunities to explore a variety of topics, then this class is for you. We study Technology, Social Media, Health, the Environment, and Globalization by looking at how the past impacts our present, and considering implications for the future. Course content is regularly updated based on current developments as well as student interest.

HUMAN GEOGRAPHY, ADVANCED PLACEMENT

10 Credits / Grades 9, 11, 12

Prerequisite: 2.5 GPA

HS (b); CSU (g); UC (g)

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students who complete this course are expected to sit for the AP exam in May.

MACROECONOMICS, ADVANCED PLACEMENT

5 Credits / Grade 12 Prerequisite:

HS (b); CSU / UC (g)

Advanced Placement Macroeconomics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Topics of study may include basic economic concepts; measurement of economic performance; national income and price determination; financial sector, inflation, unemployment, and stabilization policies; economic growth and productivity; and open economy. Students are prepared to take the Advanced Placement test and are expected to sit for the exam in May.

MILITARY HISTORY

5 Credits / Grades 10-12

Prerequisite: None

CSU / UC (g)

This course will present to the student the military history of the United States by studying wars, campaigns, and battles. It will also include the critical developments in tactics, generalship, doctrine, and technology used in war.

PSYCHOLOGY

5 Credits / Grades 11*-12

Prerequisite: A junior/senior-level course; *juniors will be admitted with counselor approval
CSU / UC (g)

This course is designed to offer the student an opportunity to gain greater insight into human behavior. The course stresses the growth and development of personality. Attitudes and their effect on learning are included in the study.

PSYCHOLOGY, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: 3.25 GPA or teacher approval

HS (b); CSU (g); UC (g)

Advanced Placement Psychology provides the student with an introduction to the systematic and scientific study of human behavior. The course covers the basic facts, principles and methods of the major subfields of psychology including human development, biological bases of behavior, learning, emotion, mental health and illness, forms of therapy, sensation and perception, personality theory, and social psychology. Students will also practice several of the research methods psychologists use in their science practice. Students who complete this course are expected to sit for the AP exam in May.

SOCIOLOGY (2nd semester only)

5 Credits / Grades 11-12

Prerequisite: None

CSU / UC (g)

Sociology is the scientific study of human social behavior. Students learn to view society as a set of related and interacting groups. In doing so, they develop an intellectual process of dealing with social problems. Major concepts covered in Sociology are socialization, institutions, and stratification.

SOCIOLOGY OF SPORT/JOURNALISM

5 Credits / Grades 10-12

Prerequisite: None

HS (g); CSU / UC (g)

Sport Sociology is an examination of the issues and impact of sport in various cultures and subcultures within the context of sociology. Study of sport relevant to how it is influenced by and influences the basic institutions of society: family, economics, politics, religion, education, etc.

This course examines selected topics within the sociology and history of sport. Particular emphasis will be given to issues related to the potential of sport to benefit society and its potential to reinforce existing social problems. Students will be encouraged to reflect on their own experiences within sport and to explore in detail one area of special interest within the history and sociology of sport. This course offers analysis of sport as a social institution and the interrelations between sport and societal subsystems, as well as a consideration of the attitudes, values and behaviors associated with sport. Analysis of contemporary topics associated with sport will be made through analysis and application of modern media, with ties made to their historic origins; such problems include race relations, the civil traditions and emergent role of women, aggression and violence, and political and economic concerns.

UNITED STATES HISTORY, ADVANCED PLACEMENT

10 Credits / Grade 11

Prerequisite: (1) Student must earn an A or B in both World History and English; (2) 3.0 GPA or teacher approval; (3) Writing sample submitted by student to AP instructors for evaluation
HS (b); CSU / UC (a)

The purpose of this course is to provide an intensive study of United States history to prepare the student for the advanced placement test in this field. The student may take a test at the end of the course and receive college credit. This course meets the U. S. History requirement or may be taken as an elective by 12th grade students. Students are prepared for the Advanced Placement test and are expected to sit for the exam in May.

UNITED STATES GOVERNMENT & POLITICS, ADVANCED PLACEMENT

5 Credits / Grade 12

Prerequisite: Teacher approval
HS (b); CSU / UC (a)

AP United States Government and Politics is a college-level course that explores the political theory and everyday practice that direct the daily operation of our government and shape our public policies. The objectives of this course go beyond a basic analysis of how our government “works.” Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens within it. It includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples, including discussions at length of current political issues. Topics of study will include: constitutional underpinnings of United States Government; political beliefs and behaviors; political parties, interest groups, and the mass media; institutions of national government; public policy; and civil rights and civil liberties. It is designed for students with strong ability and interest in social studies who want an in-depth political science course that requires advanced analytical and educational skills. Students are prepared to take the Advanced Placement test and are expected to sit for the exam in May.

WORLD HISTORY, CULTURES, & GEOGRAPHY, ADVANCED PLACEMENT

10 Credits / Grade 10

Prerequisite: (1) Student must earn an A or B in English; (2) 3.0 GPA or teacher approval; (3) Writing sample submitted by student to AP teacher for evaluation
HS (b); CSU (g); UC (a)

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. Students enrolling in this course are expected to sit for the AP exam in May.

WORLD LANGUAGE

COURSE DESCRIPTIONS

AMERICAN SIGN LANGUAGE I

10 Credits / Grades 9 -12

Prerequisite: English teachers/counselor recommendation

HS (g); CSU / UC (e)

The purpose of American Sign Language I is to give students the ability to function in real-life situations that they may encounter with Deaf persons. The students will develop skills in the areas of expressive and receptive use of American Sign Language in context of thematic units. Students will acquire information, recognize distinctive viewpoints, and further their knowledge of discrete elements of daily life including their likes and dislikes, their school life, leisure time activities, their families and occupations, health concerns, and weather conditions. Students will be able to describe events in the present, the past, and the future. Students use formulaic language, engage in signed conversations, and interpret signed language. Students use appropriate responses to rehearsed cultural situations, and perspectives with the target culture. Students recognize similarities and differences in the target cultures and between students' own cultures and identify cultural borrowings. Students use the five parameters of ASL to understand and produce signs in context. The American Sign Language Glossing system will be introduced.

AMERICAN SIGN LANGUAGE II

10 Credits / Grades 9 -12

Prerequisite: American Sign Language I, grade of C or better

HS (g); CSU / UC (e)

American Sign Language (ASL) Level II course expands on skills and knowledge of ASL, Level I while developing an understanding and appreciation for the Deaf culture and community. Students expand vocabulary and signing techniques for the alphabet, numbers, and words. Students will practice dialog and will demonstrate comprehensive skills through applications of conversation, storytelling, and interpretation. Students will learn about interpreting as a career option and related certification requirements. Projects are assigned outside the formal classroom setting to provide practice opportunities and to develop proficiency in a real work setting.

AMERICAN SIGN LANGUAGE III

10 Credits / Grades 10-12

Prerequisite: American Sign Language II, grade of C or better

HS (g); CSU / UC (e)

The purpose of American Sign Language III is to further develop the students' abilities to function in situations that they may encounter in Deaf-signing environments. Students acquire information, recognize distinctive viewpoints, and further their knowledge of concrete and factual topics related to the immediate and external environment. Students engage in signed conversations, interpret signed language, and demonstrate understanding of the main idea and key details in authentic language. Students will raise the level of proficiency in signing, and understanding as well as increase their vocabulary, grammatical structures, and cultural awareness. Students will be expected to participate in class discussions and activities using the target language.

AMERICAN SIGN LANGUAGE IV

10 Credits / Grades 10-12

Prerequisite: American Sign Language III, grade of C or better

HS (g); CSU / UC (e)

The fourth American Sign Language course further develops the students' expressive and receptive signing skills, with an emphasis on grammar and fluency. Study of Deaf culture, beliefs, and history is explored as well as research on American Sign Language focused professions. Students are required to sign during the duration of the period to ensure full immersion into their L2/L3 language. Course components include different language skills, building narrative skills, moving from informal to a more formal presentation, developing conversational skills used in everyday discussion, developing the language skills needed to explain ideas or concepts, illustrating how things work and why things are the way that they are, and developing skills to translate written text into American Sign Language (ASL).

CHINESE I (Mandarin)

10 Credits / Grades 9-12

Prerequisite: English teacher/counselor recommendation

HS (g); CSU / UC (e)

The course is designed to provide intensive audio-oral and character writing practice. It will encompass the study of basic grammar and sentence-building skills, reading of simple texts, writing of simple compositions, and viewing tapes of related topics. Students will be exposed to the various cultures of Chinese peoples, including geography, history, traditions, and daily life through the use of multimedia, class discussions, and readings.

FRENCH I

10 Credits / Grades 9-12

Prerequisite: English teacher/counselor recommendation

HS (g); CSU / UC (e)

This course utilizes TPRS (Teaching Proficiency through Reading and Storytelling). The emphasis is on building vocabulary and fluency through storytelling. Instruction will focus on storytelling to building proficiency in speaking, listening, reading, and writing, as opposed to discrete memorization of vocabulary and grammar rules. Students will be expected to be active participants in the storytelling process.

Students will read several mini-novels to increase reading proficiency. Students will also begin to develop cultural awareness of Francophone countries.

FRENCH II

10 Credits / Grades 9-12

Prerequisite: French I, grade of C or better

HS (g); CSU / UC (e)

French II continues to build proficiency through TPRS, with increased opportunity for storytelling and developing more advanced language skills. Students will continue to develop speaking, listening, reading, and writing skills. The course also emphasizes an increased focus on reading and writing through mini-novels, legends, and writing projects as well as cultural components.

FRENCH II HONORS

10 Credits / Grades 9-12

Prerequisite: French I, grade of B+ or better

HS (g); CSU / UC (e)

French II Honors continues to build proficiency through TPRS, with increased opportunity for storytelling and developing more advanced language skills. Students will continue to develop speaking, listening, reading, and writing skills. The course also emphasizes an increased focus on reading and writing through mini-novels, legends, and writing projects as well as cultural components. The French II Honors students will do independent reading, grammar and listening activities and will be expected to produce language at a higher level than the French II students.

FRENCH III

10 Credits / Grades 10-12

Prerequisite: French II, grade of C or better

HS (g); CSU / UC (e)

French III continues to build proficiency through TPRS (learned in French 1 and 2) and some authentic texts, with an increased opportunity for storytelling and developing more advanced language skills and grammatical structures. Students will continue to develop speaking, listening, reading and writing skills. This course also emphasizes an increased focus on reading and writing through mini-novels, stories, authentic texts and writing projects as well as cultural components. They will also further expand their proficiency in speaking and listening and develop their writing and reading abilities while broadening their cultural awareness and appreciation. Students will be expected to participate in class activities and use the target language consistently.

FRENCH III HONORS

10 Credits / Grades 10-12

Prerequisite: French II or II Honors, grade of B+ or better

HS (g); CSU / UC (e)

French III continues to build proficiency through TPRS (learned in French 1 and 2) and some authentic texts, with an increased opportunity for storytelling and developing more advanced language skills and grammatical structures through speaking, listening, reading and writing. This course also emphasizes an increased focus on reading and writing through mini-novels, stories, authentic texts and writing projects as well as cultural components. They will also further expand their proficiency in speaking and listening and develop their writing and reading abilities while broadening their cultural awareness and appreciation. Students will be expected to participate in class activities and use the target language consistently. The French III Honors students will do independent reading, grammar and listening activities and will be expected to produce language at a higher level than the French III students.

FRENCH IV

10 Credits / Grades 11-12

Prerequisite: French III or III Honors, grade of C or better

HS (g); CSU / UC (e)

The primary goals of French IV are: (1) the refinement of communicative skills in the four skill areas (listening, speaking, reading, and writing); (2) the enhancement of strategic competence (communicative strategies); (3) the enhancement of grammatical competence (review of previously learned structures and acquisition of new structures and uses); (4) the refinement in understanding of French and Francophone culture. French IV builds on themes, structures, vocabulary, and skills learned in French I-III; however, the course aims at moving the students to a more abstract level of

language usage at which they learn to work with more extended discourse and to deal with the cultural and sociological (as well as practical) aspects of the topics studied.

FRENCH IV HONORS

10 Credits / Grades 10-12

Prerequisites: French III Honors, grade of B or better

French IV Honors is an advance course in French that may be taken prior to AP French Language and Culture. The course will emphasize skill development in reading, writing, speaking and listening, with additional cultural study within those areas. Students will develop reading comprehension skills of both non-abridged fiction and non-fiction, with an emphasis on summarizing magazine and Internet articles. The course will include essays and other expository writings, speaking, activities such as debates, class discussions, narrations, and will focus on developing understanding of French spoken by native speakers at conversational speed. Students will do an intensive review of basic grammar and study of more advanced topics, with special emphasis on usage of the subjunctive. The class will be conducted entirely in French.

FRENCH LANGUAGE AND CULTURE COURSE, ADVANCED PLACEMENT

10 Credits / Grade 11-12

Prerequisite: French IV, grade of B+ or better and teacher recommendation or placement test
HS (g); CSU / UC (e)

This course provides continued development of the four language skills in three modes of Communication: interpersonal, interpretative, and presentational. Emphasis is placed on the use of French for active communication. When communicating, students in AP French will learn to demonstrate an understanding of culture(s), make interdisciplinary connections, and make comparisons between French and native languages in real-life settings. Extensive practice and training in the organization and writing of compositions is included. Revision of all grammatical concepts as well as test-taking techniques constitute an integral part of this course. Students are expected to take the College Board Advanced Placement Examination in French language in May.

GERMAN I

10 Credits / Grade 9-12

Prerequisite: English teacher/counselor recommendation
HS (g); CSU / UC (e)

German I provides an introductory level of language study designed to develop the students' ability to speak, read, write and comprehend the German language in real-life situations. Instruction will focus on building language proficiency in vocabulary, grammatical structures, and pronunciation. Oral, written, and listening activities which accurately reflect the culture of the German language are a major emphasis of the instructional landscape. Students will also combine written expression with the spoken language through activities in the target language, including: cultural projects, selected readings in German, and various forms of media from German-speaking countries (i.e. Germany, Switzerland, Austria, Liechtenstein).

GERMAN II

10 Credits / Grades 9-12

Prerequisite: German I, grade of C or better
H.S. (g); CSU / UC (e)

German II extends target language learning for the student and seeks to both reinforce and grow the fundamental speaking, writing, and reading skills acquired in German I. Vocabulary

and grammatical principles are reviewed and expanded within the context and themes of authentic German culture. The use of German readers connects students to the practice of the target language through the lens of authentic German culture, history, and additional regional topics. Students will be able to increase their depth and complexity of written and spoken language, as well as increase their conversational stamina with other German speakers.

GERMAN III

10 Credits / Grades 11-12

Prerequisite: German II, grade of C or better

H.S. (g); CSU / UC (e)

German 3 Students continue to develop their proficiency in speaking, listening, writing, and reading by interacting with other speakers of German. Students will understand oral and written messages in the target language and will make level-appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear, and are able to identify significant details when topics are familiar. Students will also read more complicated works of literature, such as short stories, plays and radio mysteries that focus on integrating all four core skills. Students will listen to German podcasts, in a variety of dialects from German-speaking countries and will write more advanced compositions, emails and essays.

GERMAN III HONORS

10 Credits / Grades 9-12

Prerequisite: German II, grade of B or better and teacher recommendation

H.S. (g); CSU / UC (e)

German III Honors students continue to develop their proficiency in speaking, listening, writing, and reading by interacting with other speakers of German. Students will understand oral and written messages in the target language and will make level-appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear, and are able to identify significant details when topics are familiar. Students will also read more complicated works of literature, such as short stories, plays and radio mysteries that focus on integrating all four core skills. Students will listen to German podcasts, in a variety of dialects from German-speaking countries and will write more advanced compositions, emails and essays. Honors students will take AP German during the fourth year of study and are expected to write longer and more detailed essays, complete an outside read during each semester, do a project and presentation each semester, and perform at least one service project for the German Honor Society.

JAPANESE I

10 Credits / Grades 9-12

Prerequisite: English teacher/counselor recommendation

HS (g); CSU / UC (e)

The purpose of Japanese I is to give students the ability to function in real-life situations that they may encounter in a Japanese-speaking environment. The students will develop skills in the areas of speaking, listening, reading, and writing in context of thematic units. Students will be able to talk about their likes and dislikes, their school life and leisure time activities, their families and occupations, health concerns and weather conditions. Students will be able to describe events in the present and the past. The study of Japanese culture will be integrated into the curriculum through multimedia, class discussions, and readings. The Japanese writing system - hiragana and katakana

- will be introduced. Students will acquire a basic, living vocabulary.

JAPANESE II

10 Credits / Grades 9-12

Prerequisite: Japanese I, grade of C or better

HS (g); CSU / UC (e)

The purpose of Japanese II is to further develop the students' abilities to function in situations that they may encounter in a Japanese-speaking environment. Students will expand their skills in the areas of speaking, listening, reading, and writing. Students will be able to make purchases, order at restaurants, describe and state opinions and preferences on clothing and travel. Students will be able to use the Japanese writing system – hiragana and katakana – and will be introduced to basic level kanji (Chinese characters).

JAPANESE III

10 Credits / Grades 10-12

Prerequisite: Japanese II, grade of C or better

HS (g); CSU / UC (e)

The purpose of Japanese III is to further develop the students' abilities to function in situations that they may encounter in a Japanese-speaking environment. Students will raise the level of proficiency in speaking, listening, reading, and writing and increase their vocabulary, grammatical structures, and cultural awareness. Students will be expected to participate in class discussions and activities using the target language.

JAPANESE III HONORS

10 Credits / Grades 10-12

Prerequisite: Japanese II, grade of B or better and teacher recommendation

HS (g); CSU / UC (e)

This course is a continuation of Japanese II. Students will further develop their abilities to function in situations that they may encounter in a Japanese-speaking environment. Students will raise the level of proficiency in speaking, listening, reading, and writing and increase their vocabulary, grammatical structures, and cultural awareness through use of a college-level textbook, enrichment materials, and letter writing. The level of expression will be more varied and sophisticated. Students will enhance their cultural awareness through research and cultural exchange opportunities. Students will be expected to participate in class discussions and activities using Japanese.

JAPANESE IV

10 Credits / Grades 11-12

Prerequisite: Japanese III, grade of C or better

HS (g); CSU / UC (e)

The purpose of Japanese IV is to give students a continuing opportunity to refine their speaking, listening, reading, and writing skills in the target language. Students will use Japanese in culturally authentic, real-life, practical situations. The level of expression will be more varied and sophisticated, incorporating idiomatic expressions in greater numbers. They will learn the appropriate language to use in a variety of social interactions. The students will continue the study of kanji. Students will be expected to participate in class discussions and activities using the target language.

JAPANESE IV HONORS

10 Credits / Grades 11-12

Prerequisite: Japanese III, grade of B or better and teacher recommendation
HS (g); CSU / UC (e)

This course is a continuation of Japanese III. Students will build on the Japanese I, II, and III foundation. Students will read and write 300 plus kanji characters in context and will solidify communicative skills through extensive formal and informal exchanges through use of a college level textbook, enrichment materials, and short stories. Students will enhance their cultural awareness through exploration of topics of interest, both as presented within enrichment materials and through independent research. Students will be expected to participate in class discussions and activities using Japanese.

JAPANESE LANGUAGE AND CULTURE COURSE, ADVANCED PLACEMENT

10 Credits / Grades 10-12

Prerequisite: Japanese III, grade of A, teacher recommendation or placement exam and completion of summer assignment; or Japanese III Honors or Japanese IV, grade of B or better, teacher recommendation
HS (g); CSU / UC (e)

This course is designed to be comparable to college/university Japanese courses where students complete approximately 300 hours of college-level classroom instruction. The course develops the productive, receptive, and cultural skills necessary to communicate with native speakers of Japanese. The course goals are to achieve the skills described in the National Standards for Foreign Language Learning (Communication, Cultures, Comparisons, Connections). Students' proficiency levels at the end of the course are expected to reach the Intermediate Low to Intermediate Mid-range, as described in the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines. Students develop an expanding ability to communicate in culturally appropriate manners and in increasingly widening contexts as well as perform successfully on the College Board's Advanced Placement Examination in Japanese Language and culture. Students are expected to sit for the AP test in May.

SPANISH I

10 Credits / Grades 9-12

Prerequisite: English teacher/counselor recommendation
HS (g); CSU / UC (e)

This course utilizes TPRS (Teaching Proficiency through Reading and Storytelling). The emphasis is on building vocabulary and fluency through storytelling. Instruction will focus on storytelling to build proficiency in speaking, listening, reading, and writing, as opposed to discrete memorization of vocabulary and grammar rules. Students will be expected to be active participants in the storytelling process. Students will read several mini-novels to increase reading proficiency. Students will also begin to develop cultural awareness of Spanish-speaking countries.

SPANISH FOR SPANISH SPEAKERS I

10 Credits / Grades 9-12

Prerequisite: Placement exam and teacher recommendation
HS (g); CSU / UC (e)

This course is for heritage speakers of Spanish. A heritage language student is one who is raised in a home where a non-English language is spoken, who speaks or at least understands the language, and who is to some degree bilingual in that language and in English. Placement in this class is determined by an entrance exam and teacher recommendation. The course curriculum will

emphasize speaking, reading, and writing in order to improve communication skills in the target language. The class will be conducted entirely in Spanish. It is expected that students enrolled in the course are able to understand conversational Spanish as a prerequisite.

SPANISH FOR SPANISH SPEAKERS II

10 Credits / Grades 9-12

Prerequisite: Placement exam and teacher recommendation

HS (g); CSU / UC (e)

This course is for heritage speakers of Spanish who have successfully completed Spanish for Spanish Speakers I. Placement in this class is determined by teacher recommendation. The course curriculum will emphasize literature and cultural exploration, as well as refinement of speaking and writing skills – including composition, grammar, and spelling. The class will be conducted entirely in Spanish. It is expected that students enrolled in the course are able to converse in Spanish as a prerequisite.

SPANISH II

10 Credits / Grades 9-12

Prerequisite: Spanish I, grade of C or better

HS (g); CSU / UC (e)

Spanish II continues to build proficiency through TPRS, with increased opportunity for storytelling and developing more advanced language skills. Students will continue to develop speaking, listening, reading, and writing skills. The course also emphasizes an increased focus on reading and writing through mini-novels and writing projects as well as cultural components.

SPANISH II HONORS

10 Credits / Grades 9-12

Prerequisite: Spanish I, grade of B+ or better and teacher recommendation

HS (g); CSU / UC (e)

Spanish II Honors continues to build proficiency through TPRS, with increased opportunity for storytelling and developing more advanced language skills. Students will continue to develop speaking, listening, reading, and writing skills. The course also emphasizes an increased focus on reading and writing through mini-novels, and writing projects as well as cultural components. The Spanish II Honors class will work at a faster pace than Spanish II as well as have more extended reading and writing opportunities. The department does not recommend this course for students who have repeated Spanish I.

SPANISH III

10 Credits / Grades 9-12

Prerequisite: Spanish II, grade of C or better

HS (g); CSU / UC (e)

The purpose of Spanish III is to further develop the students' skills in listening, reading, speaking and writing. The content is based on books and stories read in class. The goal for the students is to develop comprehension, language functions, vocabulary, communication skills, and cultural awareness. Students will be expected to participate in class activities and to use the target language consistently.

SPANISH III HONORS

10 Credits / Grades 9-12

Prerequisite: Spanish II with a grade of A and teacher recommendation or Spanish 2 Honors, grade of B+ or better and teacher recommendation

HS (g); CSU / UC (e)

Students in Spanish III Honors will continue to develop and expand their proficiency in speaking, listening, reading and writing, and to increase their knowledge of more complex grammatical structures. Books and short stories read in class teach language structures and vocabulary through high-interest and historical topics. The goal for students' is to develop comprehension, language functions, vocabulary, communication skills, and cultural awareness. The class will be conducted entirely in Spanish, and students will be expected to participate in classroom discussions and activities in Spanish.

SPANISH IV

10 Credits / Grades 11-12

Prerequisite: Spanish III, grade of C or better

HS (g); CSU / UC (e)

The purpose of Spanish IV is to give students a continuing opportunity to refine their speaking, listening, reading, and writing skills in the target language. Students will use Spanish in culturally authentic, real-life, practical situations. Literature studied will present well-known authors, including high-interest short stories, drama, poetry, and short novels. Students are expected to participate in class discussions and activities in the target language.

SPANISH IV HONORS

10 Credits / Grades 10-12

Prerequisite: Spanish III Honors, grade of B+ or better and teacher recommendation

HS (g); CSU / UC (e)

Spanish IV Honors is an advanced course in Spanish that may be taken prior to AP Spanish Language and Culture. The course will emphasize skill development in reading, writing, speaking and listening, with additional cultural study within those areas. Students will develop reading comprehension skills of both non-abridged fiction and non-fiction, with an emphasis on summarizing magazine and Internet articles. The course will include essays and other expository writings, speaking activities such as debates, class discussions, narrations, and will focus on developing understanding of Spanish spoken by native speakers at conversational speed. Students will do an intensive review of basic grammar and study of more advanced topics, with special emphasis on usage of the subjunctive. The class will be conducted entirely in Spanish.

SPANISH V

10 Credits / Grades 11-12

Prerequisite: Spanish IV, grade of A, and teacher recommendation; or AP Spanish Language, grade of B or better

HS (g); CSU / UC (e)

In Spanish V students will refine speaking, listening, reading, and writing skills developed in previous courses through continued practice at an advanced level. Students will improve reading comprehension through exposure to a sampling of Spanish and Latin-American literature, enhance speaking ability through debate, discussions and oral presentations, and improve writing through compositions about literature and cultural topics. Grammatical structures will be revisited as needed. Cultural awareness will be enhanced through topics of interest such as art, music, cuisine, current events, and cultural uniqueness of Hispanic peoples. Students will also teach eight-week sessions of

basic Spanish at local elementary schools. The class is conducted entirely in Spanish to allow students to enhance their fluency.

SPANISH LANGUAGE AND CULTURE COURSE, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: Spanish IV Honors, grade of B or better and teacher recommendation, or placement test

HS (g); CSU / UC (e)

This course provides development of the four language skills. It stresses listening and oral skills, literature, composition, and grammar. Emphasis is placed upon the use of Spanish for active communication. Extensive training in the organization and writing of compositions is included. A review of grammatical fundamentals is made at this level. Test-taking techniques and practice constitute an integral part of this course. This course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines, as well as performing successfully on the College Board's Advanced Placement Examination in Spanish Language. Students are expected to sit for the AP test in May.

SPANISH LITERATURE AND CULTURE COURSE, ADVANCED PLACEMENT

10 Credits / Grades 11-12

Prerequisite: AP Spanish Language and Culture, Native Speaker with Spanish Language Proficiency

HS (g); CSU / UC (e)

This course prepares students to take the Advanced Placement exam in Spanish Literature and Culture. Students will do extensive work in college-level reading, analysis, and composition, focusing on an overview of the literature of Spain and Latin America, including novels, short stories, essays, and poetry. Students will need to work independently and may be required to meet with the instructor outside of class. It is essential that students possess a high level of proficiency in reading comprehension as well as strong writing skills. Students are expected to sit for the AP test in May, and students who pass the AP test may earn college credit.

SPECIALIZED COURSES

COURSE DESCRIPTIONS

GRIFFINS REACHING OUT (G.R.O.)

10-30 Credits (may be repeated up to 3 times) / Grades 10 – 12

Prerequisite: Teacher / counselor recommendation

HS (g); CSU / UC (g)

Griffins Reaching Out (GRO) is a year-long, project-based course aimed at increasing students' leadership skills and implementing student-led activism on campus. The course will train students in leadership, communication, conflict mediation, and mentorship skills. Students will read and interpret a variety of texts regarding the nature of interpersonal relationships, the hierarchy of human needs, and the practices of social and restorative justice.

JOURNALISM

5-10 Credits / Grades 9-12

Prerequisite: Keyboarding or demonstrated skill of typing 25 wpm HS (g); CSU / UC (g)

This course is an introduction to the basic skills required by the modern newspaper, including the writing of news, features, critical reviews, editorials, sports, and advertising. The reading and analysis of relevant literature are required. This course teaches the history of journalism and stresses the ethics and responsibilities of the press. Students in this class will write articles for the school newspaper, The Chronicle, and will have the opportunity to take Advanced Journalism second semester and/or the following year. Students must be able to assume responsibility, work cooperatively, and respect the standards of the school community.

ADVANCED JOURNALISM

10 Credits (may be repeated) / Grades 10-12

Prerequisite: Journalism, grade of C or better, and teacher approval HS (g); CSU / UC (g)

This course teaches advanced skills required by the modern newspaper, including the writing of news, features, critical reviews, editorials, sports, and advertising. The reading and analysis of relevant literature are required. This course stresses the ethics and responsibilities of the press. Students in this class will learn newspaper layout and the desktop publishing program Quark XPress. In addition, students will produce the school newspaper, The Chronicle. Students must be able to assume responsibility, work cooperatively, and respect editorial authority and the standards of the school community. Consistent attendance and time commitment are vital.

LAB ASSISTANT

5-10 Credits (10 credits maximum in high school) / Grades 11-12

Prerequisite: Teacher approval

This course is for students with a background in laboratory sciences who wish to assist an instructor with the preparation of lab activities in science courses. This includes the lab set up, assistance during class lab activities, and lab clean up.

SPORTS MEDICINE

5-20 Credits / Grades 10- 12

Prerequisite: None

HS (g); CSU / UC (g)

Love sports and fitness? You will learn to prevent sports injuries by the use of proper body mechanics in exercise. You will learn to recognize and evaluate sports injuries when they occur. You will also learn rehabilitation methods and current treatment modalities. By the end of class, you will be able to assess health fitness and develop an exercise regimen to maintain and promote physical well-being. The class prepares you for advanced training and for working under supervision with your school's sports teams' members. This course meets one of the requirements for the Medical Specialties Pathway Cord.

ADVANCED SPORTS MEDICINE II

5-20 Credits / Grades 10- 12

Prerequisite: None

HS (g); CSU / UC (g)

This course builds on the skills learned in Introduction to Sports Medicine, as students gain a greater understanding of the structure and function of the human body, as it relates to recognition/evaluation of injury and illness. Students integrate science, physical skills, clinical experience, and job readiness skills. The skills learned can be applied to everyday life scenarios that will follow students throughout their lives. The requirement for enrolling is successful completion of our Introduction to Sports Medicine course. Basic assessment, treatment and understanding of sports-related rehabilitation would be a course outcome. This course is often taken by students who wish to have deeper knowledge of both Sports Medicine, as well as other related medical professions, and allows for hands-on supervised experience. The Sports Medicine Internship (Student Training Program) works concurrently with this course. This course also meets one of the requirements for the Medical Specialties Pathway Cord.

SPEECH: COMPOSITION AND DELIVERY

5-10 Credits / Grades 9-12 Prerequisite: None

CSU / UC (g)

This course will help students learn to compose and deliver several kinds of public speeches with confidence. It will emphasize practice in research techniques, the use of logic to develop an argument to convince, and formal methods of presenting ideas. Assignments include locating materials for interpretation in literature, preparation of materials for oral presentation, methods of presentation, verbal and non-verbal communication, and the development of listening skills.

STUDENT GOVERNMENT

10 Credits / Grades 9-12

Prerequisite: Elected or selected in the previous year

(Freshmen are elected in September of current school year.)

Students learn the theories of leadership, public speaking, and how to conduct meetings. They are responsible for organizing meetings and activities, implementing and evaluating Student Body programs, and maintaining open communication between students and staff. This course may be repeated for credit.

TEACHER ASSISTANT

5-10 Credits / Grades 11-12

Prerequisite: Teacher approval

This course is for students who wish to gain knowledge of simple office procedures, who wish to tutor their peers under the direction of school personnel, and/or who wish to work for individual instructors. Student duties may include such clerical and/or instructional tasks as delivery and organization of messages and materials, room or office arrangement, researching, filing, typing, organizing materials, monitoring equipment, answering phones, assisting visitors, tutoring students, taking notes, or other duties as requested. Level and type of experience will vary with the individual teacher and/or department.

YEARBOOK

5-10 Credits (may be repeated) / Grades 10 -12

Prerequisite: Teacher approval

HS (g)

Students are trained in various areas of yearbook production such as copy-writing, interviewing, headline and captions, photographs, layout and design, and computer skills. The entire yearbook is planned, designed, and produced by students on staff. Students are provided with numerous opportunities to assume leadership roles and a great deal of responsibility. They will learn the importance of meeting deadlines, working cooperatively, and paying attention to detail. Students need to possess excellent writing skills and a high degree of creativity. They will learn to work independently and efficiently.

G.A.T.E / HONORS / A.P. PROGRAM

The Gifted and Talented Education (G.A.T.E.) program is designed to meet the special needs of students who are intellectually gifted. The state legislature, which provides funding for G.A.T.E., has set the following criteria for all G.A.T.E. programs:

- *Differentiated opportunities for learning commensurate with the gifted and talented individual's particular abilities and talents*
- *Alternative learning environments in which gifted and talented individuals can acquire skills and understanding at advanced ideological and creative levels commensurate with their potentials*
- *Elements that help the gifted and talented develop sensitivity and responsibility to others*
- *Elements that help to develop a commitment in gifted and talented individuals to constructive ethical standards*
- *Elements that assist the gifted and talented to develop self-generating problem-solving abilities to expand each pupil's awareness of choices for satisfying contributions for his or her environment*
- *Elements that help gifted and talented pupils develop realistic, healthy self-concepts*

To meet these criteria, Los Alamitos High School, with input from parents, students, and staff, sponsors a G.A.T.E. program that provides gifted and high-achieving students with a rich academic experience that helps prepare them for entrance to and success at top universities. The emphasis of the program is in the "differentiated" honors and advanced placement classes rather than in extra-curricular enrichment. Students in these classes are presented a dense curriculum that moves at a steady and swift pace. Most classes are augmented by staff-sponsored school wide activities such as Science Olympiad, Model United Nations, and Math Team competitions which are also open to all students. G.A.T.E. students typically have a balanced schedule that includes both honors/advanced placement classes, college preparatory classes, and electives.

The G.A.T.E. coordinator oversees the program, supports honors/advanced placement classes, sponsors enrichment activities, and plans workshops for students and parents. The coordinator also works with the counseling department to assist gifted students in reaching academic goals, in dealing with personal issues, and in completing the college application process.

SPECIAL SERVICES

Programs are designed to place students with disabilities in the least restrictive environment for a successful learning experience. Special education teachers are responsible for providing consultation to the general education teachers as needed to enhance the opportunity for the special education students' success in the general education environment.

The goals and objectives of instruction shall be outlined in the Individual Education Program (IEP), and the progress of each pupil shall be reviewed annually. The IEP is written during a meeting with a team of educators, parents, and students who decide on the needs of the individual student and agree on appropriate placement. The IEP contains a statement of the student's present levels of performance and goals. In addition, the IEP contains a statement of specific educational services to be provided and the extent to which the student will participate in general education. Students who wish to be considered for special education services need to speak with their counselors. Parents may request that their student be considered for special education by contacting the student's counselor.

PSYCHOLOGICAL SERVICES

Students demonstrating symptoms of a disability that significantly adversely affects their educational performance may be referred for a multidisciplinary assessment by the Student Study Team. This referral would occur following Student Study Team meetings when general education program interventions have not been successful in assisting students to benefit from their educational program.

Short-term crisis intervention counseling will be provided. Students may self-refer or be referred by their counselors, teachers, parents, and/or peers. A list of community agencies for additional service will be made available.

SPEECH AND LANGUAGE PROGRAM

The Speech and Language Program provides individual, small group, and classroom instruction for those students identified as experiencing significant speech and/or language processing and expression problems. Students suspected of having speech and/or language difficulties undergo a comprehensive evaluation. A written report is then prepared which profiles the student's speech-language skills and provides students, teachers, parents, and other professionals with specific recommendations aimed toward assisting that individual to achieve academic and social success. Consultation with teachers and parents regarding students' speech/language needs is also provided. Service delivery models and the amount of instruction time provided varies from student to student, depending on need. The speech and language pathologist also serves as a resource to the staff.

LIMITED ENGLISH PROFICIENT

According to state guidelines, those students who have been tested and classified as limited English proficient are placed in ELD English, SDAIE content classes, and/or Reading classes as needed.