

San Leandro High School

HOME OF THE PIRATES



COURSE CATALOG **2016-2017**

San Leandro Unified School District

WHO WE ARE

San Leandro High School offers challenging curriculum and electives, creative opportunities in the arts, and an extensive variety of sports, clubs and extracurricular activities. We also offer several “small schools within a school” academies for students to find a niche and pursue their interests. We continue to work to improve our programs. We recently updated our six-year plan and were accredited by the Western Association of Schools and Colleges (WASC). We encourage you to review these opportunities further. Full course details are provided in the SLHS course directory provided to each student in the spring.

Our History

The first San Leandro High School opened at Bancroft and Estudillo Avenues in 1926. In the 1930's, San Leandro changed from an agrarian to a residential community with sub-divisions replacing cherry orchards. San Leandro High was a part of the Oakland School District. World War II saw rapid transformation of the community. Industrialization and a rapidly growing population created the need for newer and larger schools. On September 12, 1949, students moved into the building which now houses San Leandro High. The old high school building became Bancroft Junior High.

A local election in 1952 unified the two schools under the San Leandro School Board, until then an elementary District. The old building on Bancroft and Estudillo was replaced by the present Bancroft Middle School in 1955 at the same time John Muir Middle School opened on the West side of town. Pacific and Lincoln High schools were added in the 1960's to meet the peak of the post-war baby boom. When enrollments declined, Pacific was closed in 1983 leaving San Leandro High with two feeder middle schools and Lincoln Continuation School. As enrollment climbed in the 21st century, the high school expanded, opening the Fred T. Korematsu Campus in the fall of 2010.

SAN LEANDRO HIGH SCHOOL COMMUNITY VIRTUES

We are lifelong learners.

We are leaders in training.

Don't be part of the problem. Be part of the solution.

Failure is not an option.

Respect is a sign of strength.

Discipline yourself so no one else has to.

Stay calm at all times.

If you have a goal, nothing is impossible.

We come from greatness.

DEPARTMENTS

English

Mathematics

Social Science

Science

VAPA (Visual &
Performing Arts)

CTE (Career &
Technical Education)

World Language

Physical Education

Special Education

ACADEMIES & PROGRAMS

ABF (Academy of
Business and Finance)

AVID (Advancement
Via Individual
Determination)

BHP
(Biomedical Health Pathway)

SJA (Social Justice
Academy)

SLAM (San Leandro
Academy for Multimedia)

ROP (Eden Area Regional
Occupational Program)

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Rally in the main campus gym

ABOUT FTK CAMPUS

The Fred T. Korematsu Campus is a special part of San Leandro High School. The mission of the school is to act as a special support for ninth grade where there are high school adjustment challenges. When the main campus became overcrowded, the second campus was designed specifically for ninth grade students in our district.

It opened in the fall of 2010 with a staff committed to making this important transition year to high school one that is enriched with positive experiences, rigorous and challenging curricula in a beautiful modern setting.

Currently, the District's Secondary Redesign Committee is reviewing the use of the Korematsu campus with stakeholders. It is likely that the mission to serve only the ninth graders will change in ways to be determined.

Thank you to the San Leandro community for their continued and crucial support of our schools.



ALTERNATIVE HIGH SCHOOL PROGRAMS

When credits are insufficient to complete high school or other circumstances prevent students from accessing San Leandro High School, there are alternative pathways to successfully completing a high school program and receiving a high school diploma.

LIGHTHOUSE INDEPENDENT STUDY CENTER

Lighthouse Independent Study provides students who are able to effectively manage their time and work well on their own an opportunity to achieve their high school diploma. Graduating students earn a San Leandro High School diploma (220 credits required) and graduate together with the students from the main SLHS campus.

Our staff and teachers understand that health, family and/or work obligations can interfere with daily schooling so our educators provide structured curriculum to help ensure the success of our Lighthouse students. The Independent Studies Program grants flexibility in student scheduling and support, without the loss of rigor.

Students meet one on one with a Lighthouse teacher weekly for an hour to receive instruction and then complete approximately 20-30 hours per week of homework independently. Lighthouse offers instruction that is tailored to each student's individual academic needs in a quiet environment. Successful Lighthouse students must be able to read at a high school level, are self-motivated and have Internet access.

LINCOLN HIGH SCHOOL

Lincoln High School is San Leandro Unified School District's continuation school, serving credit-deficient students 16 years and older. Lincoln's mission is to provide an alternative educational setting where all students receive individualized support and experience success in a nurturing, comfortable environment that promotes respect, integrity and academic excellence. Lincoln offers multiple opportunities for students to recover credits and follow a pathway to a high school diploma, whether that be graduating from Lincoln High school (200 credits required) or returning back to and graduating from San Leandro High School (220 credits required).

Lincoln HS Diploma Requirements

Students at Lincoln High School must comply with the graduation requirements as San Leandro High School. (See page 5.) However, Lincoln HS students need to complete only 200 credits with only 45 nondepartmental elective requirements instead of 65.

SAN LEANDRO ADULT SCHOOL

San Leandro Adult School offers an alternative pathway for high school students to recover credits or complete the high school program.

Credit Recovery

Interested seniors and juniors may obtain the Adult School's Permit for Credit Recovery from their school counselor. Once the permit is completed and signed by the counselor, student, and parent/guardian, the student brings the permit with a current transcript to registration/orientation. Students may only apply to recover credits from previous classes where the student earned a failing grade (noted on the transcript).

Students may take one class of 5 credits at a time. Students who need to make up additional credits may, if space is available, begin their next class once they finish their first class. If no space is available, the student is placed a waiting list. This program is free of charge.

Adult School HS Diploma Program

This program is open to any student 18 years and older who has separated from the K-12 system. Requirements differ for teen parents and pregnant teens, homeless youth, and other populations. Credits earned from previous institutions may be granted so it is important that students bring copies of all high school, ROP, and college transcripts to the orientation. Orientations are advertised in advance. Students must complete a minimum of 180 credits in order to earn a high school diploma from the Adult School.

MESSAGE FROM THE COUNSELING OFFICE

By opening this course directory, you are beginning the process of planning your high school career path. To ensure the selection of appropriate courses you are encouraged to work cooperatively with your counselor, teacher, and parent/guardians. The decisions you will make are important ones as they will affect the choices you select for your future. This directory has been prepared to help you make these decisions.

Guidelines for Choosing a Course

As you look through this catalog and read the brief course descriptions, you are encouraged to consider the following guidelines before you select the courses that you want to take at San Leandro High School:

- Graduation Requirements
- College Entrance Requirements
- Your Interests
- Counselor Conference
- Past Achievements
- College and/or Career Plan
- Parent Approval
- Honors/Advanced Placement (AP) Classes

The number of students requesting each course offered will determine which courses will be offered. Therefore, careful planning on your part is essential.

Counseling & Guidance Services

San Leandro High School offers a full guidance/counseling program. Counselors will work with you in making a 4-year plan for the present and assist you in planning your future. They evaluate educational and vocational information and help you relate this information to your own abilities and interests. They will assist you in evaluating study time and developing techniques that help you organize schoolwork. The department provides extensive information on scholarships and financial assistance workshops. Our counselors are always available to students with personal needs. You can reach your student's counselor by calling the Counseling Department at 618-4600 x2164. Students may sign up to see their counselor on the website at <http://tinyurl/slhscounselors>.

Naviance On-line Counseling Curriculum

Naviance is a comprehensive college and career readiness program that helps align student strengths and interested to post-secondary goals and improve student outcomes. Link to Naviance at <http://connection.naviance.com/sanleandrohi>. Further support is available in the counseling office.

GRADUATION REQUIREMENTS

The information below represents the minimum requirements to earn a diploma. In order to meet college acceptance requirements, most college-bound students will take additional courses in science, math, social science, visual performing arts, and world languages to meet college entrance requirements.

In addition to the academic requirements described below, the following are also required for graduation with a diploma:

Classes required to graduate	Credits needed
English 1 (9)	10
English 2 (10)	10
English 3 (11)	10
English 4 (12)	10
Math	20
Life Science	10
Physical Science	10
World History	10
U.S. History	10
Government	5
Economics	5
Fine Arts or World Language	10
Physical Education	20
Practical Art/Career Technical Education	10
Health & Safety	5
Nondepartmental electives	65
TOTAL CREDITS NEEDED TO GRADUATE	220

ACADEMIC INFORMATION

REQUEST FOR SCHEDULE CHANGE

Schedule changes are not always possible and are made with the following considerations:

- The last day to change courses for Fall semester is 2 weeks after the semester starts.
- Making a change to one course (if possible) MAY result in other changes to your schedule.
- Classes will NOT be changed based on teacher preference.

REPEATING CLASSES/CLASS FAILURES

Although a grade of D in a course will count towards high school graduation, it is not accepted by colleges as completion of a requirement. This includes honors and advanced placement classes. The Master Schedule is not built to provide repeat classes for class failures. Students who have failed required courses toward graduation must repeat the class in summer school or alternative programs. It is the responsibility of the student and his/her parent/guardian, assisted by the Counselor, to ensure that the student enrolls in the first available alternative opportunity. Alternative opportunities are limited within our district. Therefore, contact your student's counselor immediately should your student fail a class.

AP/HONORS PROGRAM—WEIGHTED GRADES

The following courses are available for students interested in pursuing an Advanced, Honors, or Advanced Placement Program of study at San Leandro High School. Most of these courses have prerequisites. Please refer to the course descriptions for a specific course to determine the prerequisites. It is expected that students taking AP courses will take the appropriate Advanced Placement Exam. There is a fee for these exams and financial aid is available based on student need. Students enrolled in AP/Honors/Advanced classes are expected to remain in the class for the full year. The UC a-g Guide states that high school students may take as many college/university courses as they wish. When calculating the GPA to determine if a student's eligibility meets or exceeds the minimum GPA requirement, UC/CSU limits the number of honor points to 4 courses (8 semesters), with no more than 2 courses (4 semesters) from 10th grade. The UC/CSU system assigns extra points for up to 4 courses (8 semesters) of certificated honors level and advanced placement courses taken in the last 3 years of high school: A = 5 points, B = 4 points, C = 3 points. San Leandro High School weighs courses in alignment with UC admission requirements. However, SLHS weighs only the highest level course in a given subject. This is to encourage students to enroll in the most advanced courses. See www.ucop.edu/pathways

History/Social Studies

- World History Honors
- AP World History*
- AP European History*†
- U.S. History Honors
- AP U.S. History*
- Government Honors §
- AP Government *
- Economics Honors
- AP Economics*†

English

- English 1, 2, 3, 4 Honors § (3,4)
- AP English Literature & Composition*
- AP English Language & Composition*

Math

- AP Calculus AB* & BC*
- AP Statistics*

Visual and Performing Arts

- AP Studio Art*

Science

- AP Biology*
- AP Chemistry*
- AP Physics 1, 2 *
- Physiology Honors*
- Environmental Science Honors*

World Languages

- AP French Literature & Culture*
- AP Spanish Language & Culture*

Elective

- AP Computer Science A*
- AP Computer Science Principles*†

KEY

- * Course receives weighted credit at UC/CSU & SLHS
- § Course receives weighted credit at UC/CSU only
- † Pending approval

THE SENIOR YEAR

Sometimes students carry light loads in the senior year because they have fulfilled minimum college entrance requirements and are attempting to attain a higher GPA. A senior carrying a lighter load may relax his/her study habits making it difficult to carry a full load the first year of college. Many colleges and universities have raised their subject matter requirements for admission and being eligible alone will not be enough to gain admissions to UC and CSU campuses. When evaluating transcripts for college admissions, students who take beyond the minimum requirements begin to be competitive for admissions, not just eligible. Additionally seniors complete college applications in November listing their currently enrolled and planned courses. Any changes in academic courses in the spring semester require that a letter be sent each college applied to in order to correct the application and may jeopardize admission.

ACTIVITIES

Extracurricular activities are important to a student's high school experience, but not to the exclusion of academic requirements. Focused interest in a single activity from which the student gains personal insight or experience is highly valued.

The “a-g” Requirements for UC and CSU

Requirements	UC/CSU/Private
History/Social Science	2 years required
English	4 years
Mathematics	3 years required, 4 recommended
Laboratory Science (1 Life, 1 Physical)	2 years required, 3 recommended
World Languages	2 years required, 3 recommended (same language)
Visual and Performing Arts	1 year required
College Preparatory Electives	1 year required

The University of California’s freshmen admission requirements represent a good measure of admission requirements for most colleges and universities. The “a-g” requirements created by the UC system indicate that a student must complete the high school courses listed below. Students must take 15 units of high school courses to fulfill the subject requirement, 7 units of which must be taken in the last two years of high school. Note that some colleges and universities, especially private and out-of-state institutions, may have different requirements.

Subject requirements

To satisfy the “a-g” subject requirements, students must complete 15 yearlong high school courses with a letter grade of a C or better. CSUs require 15 yearlong a-g courses by the end of senior year. UCs also require 15 yearlong a-g courses, but 11 of those courses must be completed prior to senior year (including summer courses). The “a-g” subject requirements are:

(a): History/Social Science

2 years required—Two years of history/social science including one year of world history, cultures, and geography; and/or one year U.S. History or one half year U.S. History and one half year of civic or American government.

(b): English

4 years required—Four years of college preparatory English that include the reading of classic and modern literature and frequent and regular writing. No more than one year of ELD-type courses can be used to meet this requirement (pending approval).

(c) Mathematics

3 years required, 4 years recommended—Three years of college prep math that includes the topics covered in elementary and advanced algebra and two and three-dimensional geometry. Approved integrated math courses may be used to fulfill this requirement, as well as math courses taken in the 7th/8th grade that SLHS accepts as equivalent courses.

(d) Laboratory Science

2 years required, 3 years recommended—Fundamental knowledge in at least two foundational subjects: biology, chemistry, physics. Advanced laboratory science courses that have biology, chemistry, or physics as prerequisites and offer substantial new material may be used to fulfill this requirement. The last two years of an approved three-year integrated science program that provides rigorous coverage of at least two of the three foundational subjects may be used to fulfill this requirement.

(e) Language other than English

2 years required, 3 years recommended—Two years of the same language other than English. Courses should emphasize speaking and understanding and include instruction in grammar, vocabulary, reading, composition, and culture. Courses may be used to fulfill part of this requirement if SLHS accepts them as equivalent courses.

(f) Visual and Performing Arts (VAPA)

1 year required—A single year-long approved arts course from a single VAPA discipline: dance, drama/theater, music, or visual arts.

(g) College Preparatory Electives

1 year required—One year (two semesters), in addition to those required in “a-f” above, chosen from the following visual and performing arts (non-introductory-level courses), history, social science, English, advanced mathematics, laboratory science, and a language other than English (a third year in the language used for the “e” requirement or two years of another language).

UC/CSU “a-g” Approved Courses at SLHS

a

History/Social Science

American Government Honors §
American Government CP
American Gov’t & Politics AP*
US History AP*
US History Honors
US History CP
World History AP*
World History Honors
World History CP
World Geography

b

English

AP English Language & Composition*
AP English Literature & Composition*
English 1 CP
English 1 Honors
English 2 CP
English 2 Honors
English 3 CP
English 3 Honors §
English 4 CP
English 4 Honors §
Analysis of Literature Through Film †
American Poet’s Experience
CSU Expository Reading & Writing

c

Mathematics

AP Statistics*
Advanced Algebra and Trigonometry
Algebra CP
AP Calculus AB*
AP Calculus BC*
Geometry CP
Pre-Calculus

d

Laboratory Science

Biology AP*
Biology
Chemistry
Chemistry AP*
Earth Science
Environmental Science CP
(for CSU; counts for “g” for UC system)
Environmental Science H*
(for CSU; counts for “g” for UC system)
Forensic Biology
Physics
AP Physics 1*
AP Physics 2*
Physiology
Physiology Honors*

KEY

* Course receives weighted credit at UC/CSU and SLHS

§ Course receives weighted credit at UC/CSU only

† Pending approval

e

World Languages

French 1
French 2
French 3
AP French Language & Culture
Mandarin 1 †
Mandarin 2 †
Spanish 1
Spanish 2
Spanish 3
AP Spanish Language & Culture*
Spanish for Spanish Speakers 1
Spanish for Spanish Speakers 2
Spanish for Spanish Speakers 3

f

Visual and Performing Arts

Art/Computer Graphics (ROP)
Advanced Drawing and Painting
Character Design for the 21st Century
Choir
Drawing and Painting
Fashion Design & History
Graphic Arts
Jazz Ensemble
Orchestra
Sculpture 1
Studio Art
Studio Art AP*
Video Production
Wind Ensemble
Seminar: Notables
Theater 1
Theater 2

g

Electives

AVID Senior Seminar
Biohealth Pathways 1
Business Economics
Business Economics and Finance (ABF)
Business Ownership (Entrepreneurship)
AP Computer Science A*
AP Computer Science Principles*†
CAD Solid Modeling with Solid Works
Economics AP*†
Economics H
Economics CP
Environmental Science CP
(for UC; counts for “d” for CSU system)
Environmental Science H*
(for UC; counts for “d” for CSU system)
European History*†
Forensic Biology
(for UC; counts for “d” for CSU system)
Journalism 1
Machine Technology
Marketing Economics (ABF)
Medical Technologies (ROP)
Psychology
Quest
Social Justice 1
Social Justice Activism

College and Career Support at SLHS

Berkeley Early Academic Outreach Program

EAOP is at San Leandro High School Monday through Thursday from 9 a.m. to 3 pm and is housed in the Counseling Department. The EAOP College Adviser Fellow can help you with your college pathways. Although EAOP works with all students at SLHS, we recruit a cohort of up to 150 students who are eligible for services all four years of high school, including Berkeley-based summer programs. If you are a first generation college bound students and your parents did not graduate from a four-year college/university, stop by and pick up an application. Contact EAOP Regional Manager Theresa Vidaurri for more information at tvidaurri@berkeley.edu.

College and Career Yearly Events

Ongoing grade level Naviance workshops regarding college and career searches and much more.

School-wide Events:

Fall College & Career Night in October, includes district-wide College Fair
Cash for College Night: FAFSA and Dream Application Hands-on Assistance
Higher Education Day: Assembly and college fair for juniors in the Spring
Career Day (Spring)
Career Night (Spring)

Workshops and Presentations hosted by EAOP/DCAC during lunch and after school:

UC and CSU Application Labs
Writing an Effective UC Personal Statement
Understanding Senior Year and the College Application Process
College Life and Support Programs for First Generation College Students
Undocumented Students and the CA Dream Act
What's Next: I Hit "Submit" in My Application, Now What?
Workshop: Paying for College
Pirates College Alumni Panel
Community College Workshop Series (Spring)
Workshop: Being Competitive for College
Workshop: Seniors Making a College Decision
Financial Aid Application Support Labs

Yearly EAOP/DCAC Celebrations:

"I Applied to College" Fall Celebration
The Sweet Taste of Success Senior Decision Day Celebration

Set up an appointment with your counselor or stop by the EAOP office for an individual session regarding college pathways.

Biomedical Health Pathway (BHP)

Due to the explosion of new technology as well as an unprecedented aging population, there is high demand for biomedical health professionals. If you are looking for a meaningful career that offers a lifetime of opportunities and the ability to help others, consider a career in the health sciences. San Leandro High School offers a variety of programs that provide students with opportunities to learn about specific skills required around an industry area of interest. A pathway is a sequence or a series of courses designed with a focus on a particular industry sector. Participation in pathways is open to all students. San Leandro High School offers a Biomedical Health Pathway that is a sequence of biomedical and health science themed curriculum that incorporates career and technical practices, integrated course work, work-based learning opportunities and student support services. Pathway classes expose students to "real-world" experiences including guest speakers, field trips and mentorships. Typically students can begin taking pathway courses their freshman or sophomore year, but are free to join at any time in their high school years. The BHP program emphasizes the college and career skills and knowledge needed to acquire a medical or health profession.

Current available Pathway Courses (See Science section of catalog): (future courses under development)

- Biohealth Pathways 1 (Meets UC/CSU "g" requirement)
- Physiology (Meets UC/CSU "d" requirement)
- Forensic Biology (Meets UC/CSU "d" requirement)

Academy of Business & Finance (ABF)

The San Leandro High School Academy for Business and Finance is a partnership between SLUSD, Eden Area Regional Occupational Program (EAROP) and the business community. The Academy is a three-year program that provides academic and technical training that prepares students for higher education and the work force.

The Academy teachers discuss the progress of students daily in order to provide maximum assistance and personal attention. The program's partnership with local businesses enriches the business curriculum by providing insight into the training necessary for success in business. The business classes are held in the Academy's iMac computer lab, and the student store (Pier15@Pirate's Cove) where students are trained in the use of standard business applications. Guest speakers, college trips, hack-a-thons, innovation and design challenges, field trips, mentors and employment opportunities help to make this a unique program.

BUSINESS OWNERSHIP (ENTREPRENEURSHIP) (Grade 10)

1st year of a 3-year program

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Students must have successfully completed the application process which includes a personal interview, teacher recommendations and a writing sample. Students should be willing to make a three-year commitment. It is highly suggested that the student take a keyboarding class.

Description: A thematic approach to teaching is used across the curriculum with a focus on entrepreneurship. In conjunction with the National Foundation for Teaching Entrepreneurship, the students learn how to write a business plan and present their plan to business professionals. Students have the unique opportunity to

purchase, market, and sell products by starting, owning and operating their own business.

A.B.F. MARKETING ECONOMICS (Grade 11)

2nd year of a 3-year program

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Must have successfully completed 10th grade Academy program.

Description: Students learn about computer applications and general business practices. Marketing (with emphasis on computer applications), U.S. History, English, Science and electives complete the student's schedule. Students are also given an opportunity to participate in a work experience program and DECA, An Association of Marketing Students.

BUSINESS ECONOMICS AND FINANCE (Grade 12)

3rd year of a 3-year program

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Must have successfully completed 11th grade Academy program.

Description: In addition to the required classes, Academy seniors are also enrolled in Senior Project. Senior Project is a course in which the students will apply the business concepts they have learned in the previous years to real world situations. This course also emphasizes business management and life skills such as budgeting, credit and taxes. Students are given an opportunity to participate in a work experience program and DECA. Upon graduation, students receive a Certificate of Mastery from Eden Area Regional Occupational Program in addition to their high school diploma. Students may also receive credit at Chabot and/or Los Positas Community College for courses taken at San Leandro High School.

Social Justice Academy (SJA)

The Social Justice Academy provides 10th-12th grade students with a forum to become the catalysts of social, political, and environmental change. The mission of the Social Justice Academy is to empower students to make positive changes in their communities. We intend to improve San Leandro, and to develop civically minded leaders and lifelong learners who can be drawn on as a valuable source of active citizenship to support growth in San Leandro.

In combination with English and History classes that will utilize service-learning strategies to connect project-based learning with standards based instruction, a series of specially designed electives allow the students to form partnerships with over 15 local and national community organizations. Students conduct needs assessments, eventually planning and implementing events that create positive change in San Leandro. SJA emphasizes the need to examine our own and other economic, social and political systems, and to be a source of new social ideas, dictated by the students' interest and needs, as well as by the demands of society.

SOCIAL JUSTICE I (Grade 10) 1st year of a 3-year program

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Admission into the SJA Program.

Description: Students will be trained to serve as peer educators for the San Leandro High School campus. Students will develop confidence, self-knowledge, empathy and problem solving skills. Students will meet and work with the San Leandro Community Partner's Panel regarding prominent social issues facing the San Leandro Community.

SOCIAL JUSTICE ACTIVISM (Grade 11) 2nd year of a 3-year program

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Successful completion of 10th grade SJA program.

Description: Students will gain knowledge of and understanding in the use of research skills, reasoning, writing, and critical thinking. They will apply these skills in the debate of timely issues through composition (both expository and persuasive), analytical reading and oral communication. Through this application, students will gain added appreciation for the role that advocacy and reasoning play in a free society. Students will expand the skills learned in the first year and utilize these skills to affect change in the campus and the community.

QUEST (Grade 12) 3rd year of a 3-year program

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Successful completion of 11th grade SJA program.

Description: In the prerequisite courses Social Justice I and II, students were trained in peer education and activism respectively, and studied dynamics of oppression and liberation. In addition, students participated in several individual and group service-learning projects related to the issues we face in our community. In Social Justice III, students will spend the school year in a process of research, development, and implementation of a service learning project in coordination with a community based organization. Students will spend at least two days per week at a community-based organization researching an issue and developing a project that serves the needs of the community that particular organization targets. The work of their service learning project will coordinate with themes present in the literature in their English 3 class and consequently in their senior thesis papers. In their service-learning project, students may wish to address such issues as homelessness, hunger, domestic violence, the environment, literacy and education, gang violence, or other social issues. Throughout Social Justice 3, students will also work collaboratively with students from our Social Justice 2 class as mentors, helping their peers with the service learning projects and research.

San Leandro Academy for Multimedia (SLAM)

The San Leandro High School Academy for Multimedia (SLAM) is a three-year program in which students focus their studies in a technology-rich environment and learn skills in multimedia using computers, video and digital cameras.

Students apply to the program as 9th graders and participants are selected by the team of SLAM teachers. Students selected for the program enter as 10th graders and take English and social studies together with the same teachers until they graduate. These core classes feature a special focus on multimedia and give students opportunities to complete standard assigned curriculum using technology.

In addition to core classes, students take a variety of required electives within the program that teach essential skills in multimedia. These courses include digital photography, multimedia, video production, and computer science.

In their senior year, SLAM students complete a digital portfolio and take a final elective course that allows them to complete an independent senior project utilizing multimedia. Upon graduation students will receive a Certificate of Achievement from the SLAM Academy in addition to their high school diploma.

DIGITAL PHOTO (Grade 10)

1st year of a 3-year program (10 Credits)

Prerequisite: Admission into the SLAM academy program.

Description: Students are introduced to the concepts of two-dimensional design through the exploration of photography. Students

use digital cameras to obtain images that are discussed in class. Students will also become familiar with Adobe Photoshop the industry standard for manipulating digital imagery.

VIDEO PRODUCTION (Grade 11)

2nd year of a 3-year program (10 Credits)

10 Credits – Meets UC/CSU subject “F” requirement

Prerequisite: Must have successfully completed 10th grade Academy program.

Description: Eleventh grade students selected for the program complete these classes as a group: U.S. History, English 3, Computer Science 2, and Video Production. Other requirements are completed outside the Academy.

ADVANCED COMPUTER SCIENCE (Grade 12)

3rd year of a 3-year program (10 Credits)

Prerequisite: Must have successfully completed 11th grade Academy program.

Description: Twelfth grade students selected for the program complete these classes as a group: English 4, American Government/Economics, and Senior Project. Other requirements are completed outside the Academy. Students apply their multimedia training to a real world large-scale project that will benefit the student by building an impressive reel for college and business entrance. This course emphasizes real world skills such as bidding, packaging and customer satisfaction

Advancement Via Individual Determination (AVID)

AVID is a nationally recognized multi-year program that enables its students to succeed in the most rigorous curriculum and on their path to a four-year university. After admission to the program (usually during the freshman year), AVID students take one AVID elective per year. In the AVID elective class, students participate in bi-weekly Tutorials to receive support for their academic classes (math, science, English, social science, etc.), which are facilitated by college students trained in AVID methodologies. AVID students also develop skills in critical reading and writing, inquiry, organization and collaboration.

Students learn how to take and use Cornell Notes effectively, organize and maintain binders, write learning logs, keep track of assignments, manage time effectively, and set and reach academic goals. There is a strong focus on writing extended essays, timed essays, and other forms of writing. Students also practice inquiry and informed debate skills through Philosophical Chairs and Socratic Seminars. AVID students will have opportunities to go on field trips to visit universities. Academic goals and progress are closely monitored in the AVID elective. Communication between the AVID teacher, student and family, content-teachers and counselor is ongoing.

Requirements: To ensure competitiveness for college and scholarships, AVID students must progress on a four-year plan to meet their A-G requirements for UCs/CSUs, build a portfolio, concurrently enroll in at least one Honors or AP class, participate in extra-curricular and community volunteer opportunities, and demonstrate a very high work ethic. Students are expected to register and take college entrance exams and college entrance prep exams such as PSAT, ACT-ASPIRE, SAT, and/or ACT.

AVID 9 (10 Credits)

Prerequisite: Grade 9. Admission into AVID. Maintain a 2.0 GPA.

Description: Students are introduced to and develop all of the fundamental practices outlined in the program’s description above.

AVID 10 (10 Credits)

Prerequisite: Grade 10. Successful completion of AVID 9 or admission into the program. Maintain a 2.25 GPA.

Description: Students continue mastery of AVID practices as outlined in the program’s description above. Growing emphasis is placed on college entrance test preparation and career exploration.

AVID 11 (10 Credits)

Prerequisite: Grade 11. Successful completion of AVID 10. Maintain a 2.25 GPA.

Description: Students continue mastery of AVID practices as outlined in the program’s description above. Continued emphasis is placed on college entrance test preparation and career exploration. Students prepare for UC/CSU college placement exams and practice and take the PSAT, ACT, and/or SAT 1 & 2. Students fully research prospective universities and programs, review college admission processes and apply for scholarships.

AVID 12—SENIOR SEMINAR

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Grade 12. Successful completion of AVID 11. Maintain a 2.25 GPA.

Description: Students continue mastery of AVID practices as outlined in the program’s description above. The focus of Senior Seminar is the successful completion of high school and a successful transition into college. Students prepare for and finalize all applicable tests requirements, complete college applications, write a personal statement, apply for financial aid (CAL Grants, FAFSA, scholarships) and prepare for adulthood/independence. Seniors complete a research project and present final portfolio.

AVID website: www.sanleandro.k12.ca.us/domain/447

English Language Arts

ENGLISH 1 CP

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: None. Required for graduation

Description: Freshman English enables students to be uniformly grounded in the basic English skills needed to succeed in high school. This course provides the skills needed to meet the requirements of a four-year college or university. Students develop a greater familiarity with different types of literature including drama, poetry, short stories, novels and nonfiction. Students learn to recognize the elements of plot, character, setting and theme. Writing as a process is developed improving skills in fluency and correctness. Grammar skills are refined.

ENGLISH 1 HONORS

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Parent/Guardian form is needed to complete enrollment in this course. Completion of summer reading assignment is required.

Description: The Freshman English CP curriculum is covered. Writing, literature, spelling, speech, grammar, and vocabulary are taught at an advanced level and rate. This course provides opportunities for students to achieve the California Dept of Education goals for GATE education.

ENGLISH 2 CP

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: None. Required for graduation.

Description: Sophomore English provides students with extensive reading experience in nonfiction, drama, poetry, short stories and the novel. Expository and argumentative writing is stressed. Concurrently, grammar skills are reinforced. Vocabulary development and oral communication skills are also part of this course.

ENGLISH 2 HONORS

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Parent/Guardian form is needed to complete enrollment in this course. Completion of summer reading assignment is required.

Description: The Sophomore English CP curriculum is covered. Elements of literary craft and style are studied and analyzed in depth. Preparation for college entrance examinations is included in this course. This course provides students to achieve the California Dept of Education goals for GATE education.

ENGLISH 3 CP

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: None. Required for graduation.

Description: Junior English provides a survey of American Literature from the colonial period to the present. Emphasis is on literary analysis, composition, vocabulary building, public speaking, improving grammar and usage skills, argumentative writing, and preparation for the SAT examinations.

ENGLISH 3 HONORS

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Parent/guardian form is needed to complete enrollment in this course. Satisfactory completion of summer reading assignment.

Description: The Junior English CP curriculum is covered. The focus is on critical analysis of the literature in both discussion and writing. Writing assignments involve in-depth analysis of literary works. Vocabulary development, preparation for the SAT, critical thinking skills, and argumentative style writing are addressed. Instruction is accelerated and places rigorous academic demands on the student. This course provides opportunities for students to achieve the California Dept of Education goals for GATE education.

ENGLISH 4 CP

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: None. Required for graduation.

Description: Extensive study of world literature from ancient Greek times through the 20th century examining poetry, drama, English literature and focuses on the novel. Literary analysis, expository writing, vocabulary development, and speaking skills are emphasized. Completion of a thesis paper is required to pass this class.

ENGLISH 4 HONORS

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Parent/guardian form is needed to complete enrollment in this course. Completion of summer reading and writing assignment evaluated by the Honors teacher is required.

Description: Extensive study of world literature from ancient Greece to the 20th century through poetry, drama, short stories, novels, and non-fiction. Emphasis is on literary analysis, writing, vocabulary development, oral communication and presentation skills and improving grammar and usage skills. Completion of a thesis paper is required to pass this class.

AP ENGLISH LANGUAGE AND COMPOSITION

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Grade 11. Parent/guardian form is needed to complete enrollment in this course. Completion of summer reading and writing assignment evaluated by the AP teacher is required.

Description: This course provides college-level studies for high school students who plan to take the Advanced Placement (AP) examination in English Language and Composition. The course requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in nonfiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP ENGLISH LITERATURE AND COMPOSITION

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Grade 11. Parent/guardian form is needed to complete enrollment in this course. Completion of summer reading and writing assignment evaluated by the AP teacher is required.

Description: This course provides college-level studies for high school students who plan to take the Advanced Placement (AP) examination in English Literature and Composition. Emphasis is on developing the skills of literary analysis and expository writing through an extensive study of short stories, novels, plays, essays, and poems.

CSU EXPOSITORY READING AND WRITING

10 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: Grade 12.

Description: The goal of this course is to prepare college bound seniors with the literacy demands of higher education. Students in this yearlong, rhetoric-based course will develop advanced proficiency in expository, analytical, and argumentative reading and writing.

THE AMERICAN POET’S EXPERIENCE

5 Credits – Meets UC/CSU subject “b” requirement

Prerequisite: 11th and 12th grade students

Description: This course celebrates the literature of America post-reconstruction and follows the trends of poetry analyzing and noting harbingers of writing, cultural events, and their influences on the American poet. The theme of this course is the on-going struggle for an evolving identity as an American poet. Elements of style, voice and ideas are studied by the students.

CREATIVE WRITING (5 Credits)

Prerequisite: None. This course does not fulfill the District English graduation requirement and is not UC/CSU-approved. Elective credit only.

Description: Course is designed for students to experience a variety of language arts activities such as poetry, short stories, nonfiction, writing contests, publication of literary magazine, and poetry readings.

LITERACY LAB (5 Elective Credits)

Prerequisite: None. Grade 9-10

Description: This semester-long course will provide strategic support to students developing theory, literacy and executive functioning skills toward the Common Core State Standards for reading and writing across the content areas for their current and previous grade levels. In a blended learning environment, students will benefit from instructional technology, smaller class size, and more individualized support systems.

ENGLISH 1–4 (10 Credits)

Prerequisite: IEP case manager recommendation placement assessment. Fulfills English graduation requirements. Grades 9-12

Description: Students will work on gaining and improving their English skills through the Edge curriculum, Levels Fundamentals through C. Edge is a reading intervention program designed to explicitly teach core English skills through frequent interactivity providing relevant and readable literature, and systematic application across genres to promote strategic transfer. Students will focus on reading comprehension in this course. This class does not fulfill a-g requirements. Offered to students with an IEP.

ENGLISH LANGUAGE DEVELOPMENT:

Note: 20 credits of ELD can be used for English Credit

ELD 1 (Beginning) (30 Credits)

Prerequisite: ELA skills testing, CELDT testing, prior schooling/grades, teacher recommendation.

Description: Students develop the vocabulary and language structures necessary to achieve beginning proficiency in listening comprehension, speaking, reading, and writing English. Emphasis is on developing the basic oral comprehension and speaking skills needed to progress to ELD 2.

ELD 2 (Early Intermediate) (30 Credits)

Prerequisite: ELA skills testing, prior schooling/grades, teacher recommendation.

Description: The course continues the development of the vocabulary and language structures necessary to participate in an academic setting. Emphasis is on advancing the oral comprehension and speaking skills needed to progress to ELD 3. Students also focus on the transition to English literacy skills.

ELD 3 (Intermediate) (10 Credits)

Prerequisite: ELA skills testing, prior schooling/grades, teacher recommendation, or successful completion of ELD 2.

Description: This course advances the student towards oral fluency in both comprehension and speaking skills. The students move from increasing mastery of basic interpersonal communication skills to increasing ability to use English for academic purposes. This course builds the reading comprehension and writing skills necessary to succeed across the core content areas.

ELD 4 (High Intermediate) (10 Credits)

Prerequisite: ELA skills testing, prior schooling/grades, teacher recommendation, or successful completion of ELD 3.

Description: Having achieved a higher level of oral fluency, the emphasis of this course is to continue to build the reading comprehension and writing skills necessary to succeed across the core content areas. Students continue to learn strategies for reading and research, and apply the stages of the writing process. Students also continue to develop skills for oral presentations.

Mathematics

ALGEBRA 1 CP

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better second semester of prior course work. Grade 9 students—placement is determined by a combination of students’ grades, final exam and teacher recommendation. Required for graduation.

Description: The course provides students with an understanding of basic algebraic concepts and to develop manipulative skills with algebraic expressions. Includes the study of algebraic expressions, solving algebraic sentences, graphing, simplifying and using algebraic expressions, factoring, work problems, quadratic equations, systems of equations, functions, basic concepts in geometry and trigonometry, and rational and irrational numbers.

GEOMETRY CP

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better second semester of prior course work with demonstrated mastery of key standards. Grade 9 placement is determined by a combination of students’ grades, final exam and teacher recommendation.

Description: The course provides students with a knowledge and understanding of the definitions, postulates, and theorems of Euclidean geometry including direct and indirect proofs and trigonometric and algebraic applications. Includes theory and application, transformations, formal proofs with deductive and inductive reasoning. Concepts of space geometry and use of algebraic skills are emphasized. Constructions, loci, coordinate geometry, and trigonometry is explored.

ADVANCED ALGEBRA AND TRIGONOMETRY

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better second semester of prior course work with demonstrated mastery of key standards.

Description: The course provides students with an understanding of algebra as a study of the system of real and complex numbers; recognize the techniques of algebra as applied to this system, become skilled in algebraic manipulations, and recognize the need for precise language. Introduction to inductive and deductive reasoning and the concept of a function is also covered.

PRE-CALCULUS

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better second semester of Advanced Algebra and Trigonometry with demonstrated mastery of key standards.

Description: The course provides students with the foundation necessary for calculus, special emphasis on functions, limits, trigonometry, circular functions, advanced topics in algebra, and an introduction to derivatives and integrals.

AP CALCULUS AB

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better in Pre-Calculus and teacher recommendation.

Description: Calculus AB is comparable to a first semester calculus course in colleges and universities. It covers topics in differential and integral calculus of functions of a single variable using multi-representational approach to facilitate understanding. Students are expected to take the advanced placement exam seek college credit or placement.

AP CALCULUS BC

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better in Calculus AB and teacher recommendation.

Description: A faster paced course than Calculus AB, as it includes all topics covered in Calculus AB plus additional topics. The content of Calculus BC is intended to qualify the student for placement and credit at the university for one course beyond that granted for Calculus AB.

AP STATISTICS

10 Credits – Meets UC/CSU subject “c” requirement

Prerequisite: Grade of C or better in Advanced Algebra and Trigonometry and teacher recommendation demonstrating mastery of key standards.

Description: The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Successful completion of the course and advanced placement exam may result in college placement or credit for a one semester introductory college statistics course.

MATH LAB (10 Elective Credits)

Prerequisite: Grade 9 students identified as qualifying for strategic intervention according to pre-assessment screening. This course does not fulfill the Mathematics graduation requirement and is not UC/CSU-approved.

Description: This semester-long course will provide strategic support to students developing their mathematical thinking and practice toward the Common Core State Standards for their current and previous grade levels. In a blended learning environment, students will benefit from instructional technology, smaller class size, and more individualized support systems.

ALGEBRA INTENSIVE (SDC) (10 Credits)

Prerequisite: IEP case manager recommendation. This course fulfills the Mathematics graduation requirement and is not UC/CSU-approved.

Description: The course provides students with an understanding of basic algebraic concepts and to develop manipulative skills with algebraic expressions.

Science

BIOLOGY (Life Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: Required for graduation.

Description: Biology prepares students for upper division science courses. This course covers the basic fundamentals of biology including the chemistry of life, cells, cellular energetics, cell cycle, heredity, molecular genetics, evolution, ecology, and the physiology of animals. This is a laboratory-based science class.

AP BIOLOGY (Life Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: Completion of Biology with a grade of B or better, completion of Algebra and Geometry with a B or better, or teacher approval. Grades 10-12.

Description: This course is designed to provide college-level biology content as outlined in the College Board’s AP course description. An AP biology student is expected to be highly self-motivated and driven. High levels of reading, writing, and analytical skills will be applied to studying molecules and cells, heredity and evolution, organisms, populations, and ecology. This is a laboratory-based science class.

BIOHEALTH PATHWAYS 1

10 Credits – Meets UC/CSU subject “g” requirement

Description: This course satisfies one semester of an elective course. Successful completion of this course will result in 5 credits per Semester Fall/Spring. This course will provide an introduction to numerous biological and health science careers through class assignments and labs, classroom speakers, and field trips to medical facilities. This course will concurrently explain the necessary steps and professional skills for college and career readiness, including utilizing the Naviance program. This course will include a service-learning component in partnership with the San Leandro Student Health and Wellness Center.

EARTH SCIENCE (Physical Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: None

Description: The study of the natural world and its processes. Topics include matter, energy, origins and evolution of the Earth and solar system, geology, meteorology, oceanography, and the Earth’s cycles. This is a lab-based physical science.

ENVIRONMENTAL SCIENCE (Physical Science)

10 Credits – Meets UC subject “g” requirement and CSU subject “d” requirement

Prerequisite: Grade 10–12. C or better in 9th grade Biology or be in 11th or 12th grade

Description: The “real science” behind environmental problems and issues will be explained in this interdisciplinary course. It will closely examine 4 main spheres: Biosphere, Atmosphere, Hydrosphere, and Lithosphere. Global impact by man vs. nature will be a great focus. Significance of population, use of resources, energy, and conservation will

be stressed. Current events, case studies, simulations, and laboratory experiments will be utilized. Students will focus on understanding their own community environmental needs. This is a laboratory-based science class.

ENVIRONMENTAL SCIENCE HONORS (Physical Science)

10 Credits – Meets UC subject “g” requirement and CSU subject “d” requirement

Prerequisite: C or better in Biology and Geometry

Description: The content is very similar to Environmental science, but with increased depth and academic rigor. This is a laboratory-based science class.

CHEMISTRY (Physical Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: Grade 10-12. C or better in Algebra and Geometry. Concurrent enrollment in Advanced Algebra is also strongly recommended.

Description: Intended for students who plan on college or for non-college bound students who have the prerequisites and desire an understanding of Chemistry. The course covers basic fundamentals of general chemistry including the Atomic Theory, periodic table, bonding, reactions and stoichiometry, acids and bases. This is a laboratory-based science class.

CHEMISTRY AP (Physical Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: Grades 11-12. B or better in Biology, Algebra, Geometry, Advanced Algebra. Concurrent enrollment in Pre-Calculus is also strongly recommended.

Description: The course is designed to be equivalent to a first year general chemistry course in college or university. An AP Chemistry student is expected to clearly express ideas, orally and in writing, precisely and concisely. Topics covered are: Structure of Matter: atomic theory and atomic structure; chemical bonding nuclear chemistry. States of Matter – Gases, liquids, solids, solutions. Reactions – reaction types, stoichiometry, kinetics, equilibrium, thermodynamics. This is a laboratory-based science class.

PHYSIOLOGY (Life Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: Grades 10-12. C or better in 9th grade Biology or be in 11th or 12th grade.

Description: For students interested in a career in the health field or just wanting a better understanding of how the human body functions. The course covers the major organ systems of the body, including digestive, respiratory, circulatory, urinary, skeletal-muscular, nervous, and reproductive. Emphasis will be given to the causes and treatments of chronic diseases such as diabetes, stroke, emphysema, and arthritis and to infectious diseases such as tuberculosis, meningitis, hepatitis, and smallpox. Other topics covered include allergies, sleep, organ transplants, antibiotic resistance, memory, and open heart surgery. Student will perform a variety of labs dealing with such topics as pulse rate, blood pressure, blood typing, lung volumes, metabolism, and sweat glands. Animals will be dissected toward the end of the course. This is a laboratory-based science class.

PHYSIOLOGY HONORS (Life Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: B or better in Biology

Grade 11-12.

Description: This course is intended for students considering majoring in life sciences or medical professions. The content of the course covers the same materials as Physiology but includes increased depth of study and academic rigor. This is a laboratory-based science class.

FORENSIC BIOLOGY (Life Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: C or better in Biology.

Description: Forensic Biology applies the knowledge and technology of science to criminal laws. Science occupies an important role in the criminal justice system. The scientific community supplies accurate and objective information that reflects the events that occur at a crime. This class focuses on various aspects of forensic science and analysis. We will focus on laboratory investigation, reporting, and research to provide students with scientific reasoning and writing tools. This is a laboratory-based science class.

PHYSICS (Physical Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: Grade 10-12. Must have passed Algebra 1 and Geometry with a C or higher and be concurrently enrolled in Advanced Algebra/Trigonometry or other advanced math course.

Description: Physics is designed for a wide range of students including those who wish to major in science in a university and those who wish to understand how science affects our society. Laboratory work, projects, and problem solving, are the core of the course. Topics include motion, force, energy, waves, electricity, magnetism, and experimental design. This is a laboratory-based science class.

AP PHYSICS 1 (Physical Science)

10 Credits – Meets UC/CSU subject “d” requirement

Prerequisite: B or higher in Algebra II Trigonometry; Pre-Calculus (may be taken concurrently)

Description: This course provides an introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry, but rarely calculus. Topics include Newton’s Laws of motion, conservation of energy and momentum, Universal Gravitation, Waves, and Electricity. It is equivalent to a first year college physics class. AP students are expected to be highly motivated and driven. This is a laboratory-based science class.

AP PHYSICS 2 (Physical Science)

10 Credits – UC/CSU subject “d” requirement pending approval

Prerequisite: AP Physics 1 with a C or higher

Description: This course builds upon AP Physics 1. Topics include fluid dynamics, thermodynamics, electricity and magnetism, and quantum mechanics. This is a laboratory-based science class.

HEALTH & SAFETY/SDAIE HEALTH & SAFETY/SDC

Prerequisite: None. Required for graduation. (5 Credits)

Description: The course covers a variety of topics including but not limited to: healthy foundation, physical activity and nutrition, mental and emotional health, safe and healthy relationships, personal care and body systems, growth and development, reproduction, life cycle, tobacco and alcohol, medicines and drugs, diseases and disorders, injury prevention and environmental health.

INTEGRATED SCIENCE (SDC)

10 Credits

Prerequisite: IEP case manager recommendation placement assessment. Grade 9.

Description: This laboratory based science course prepares students for high school laboratory science coursework. It integrates earth science with physics and chemistry concepts with California Science frame-work guidelines. Topics include astronomy, plate tectonics, weather, and biogeochemical cycles.

Social Science

WORLD HISTORY CP

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 10. Required for graduation.

Description: Students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins with a brief review of world history up to the modern age. The course continues with a focus on the expansion of the west and growing interdependence of people and cultures throughout the world.

WORLD HISTORY HONORS

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 10. Grade of B or better in previous Social Studies or English class. Students are expected to complete a summer assignment prior to the opening of school.

Description: This course includes all curriculum of the World History CP course. Additional material is added to challenge academically able learners. The materials will include extensive reading, research projects, and essay writing.

WORLD HISTORY AP

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 10. Students are expected to complete a summer assignment prior to the opening of school. A grade of B in previous English class. Highly recommended to take geography. All students are expected to take the AP exam in May.

Description: This course provides an intensive study of world history from 8000 BCE to the present, emphasizing the evolution of global processes and comparisons among major societies. Balanced global coverage, with Africa, Asia, Europe, and Oceania are all represented. Since it is possible for a student to receive college credit (based on AP test score in May), the class is intensively taught at and equal to an introductory college course in world history. The class will be rigorous and challenging; and it will allow students to earn a 5-point A.

U.S. HISTORY CP

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 11. Required for graduation.

Description: A study of the development of the ideals, traditions, and institutions that are uniquely American with special emphasis on the 20th century. It reveals the unity and diversity of the American people, while viewing the American experience in a world context. Recognition of significant events, major works, key ideas, and key people in the history of the United States.

U.S. HISTORY HONORS

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 11. Grade of B or better in World History and English 2 class. Students are expected to complete a summer assignment prior to the opening of school.

Description: This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and controversies in recent American History (20th century), preparing students for intermediate and advanced college courses by making demands upon student’s equivalent to those of an introductory college course.

U.S. HISTORY AP

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 11. Students are expected to complete a summer assignment prior to the opening of school. A grade of B in World History and English 2 class. All students are expected to take the AP exam in May.

Description: This course provides students with the analytical skills and factual knowledge necessary to deal critically with problems and controversies in American history from the colonial period to the present. Since it is possible for a student to receive college credit (based on the AP test score in May), the class is intensively taught at and equal to a college freshman history class. The class will be rigorous, challenging, and will allow a student to earn a 5-point A.

AMERICAN GOVERNMENT CP

5 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 12. Required for graduation.

Description: This course provides students with knowledge of their government and how to become an active participant in the governing process. This course includes the ideological basis for American political theory and an analysis of the organization and functions of federal, state, and local governments. Students will gain insights into the process of political behavior and factors that determine political influence in the American political arena. Projects related to the current political scene is, an integral part of this course.

AMERICAN GOVERNMENT HONORS

5 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 12. Grade of B or better in United States History.

Description: This course includes the entire curriculum in the American Government CP course. Additional material will be added to challenge academically able learners. The material will include but not be limited to extensive reading, projects, and essay writing.

GOVERNMENT & POLITICS UNITED STATES AP

10 Credits – Meets UC/CSU subject “a” requirement

Prerequisite: Grade 12. Students are expected to complete a summer assignment prior to the opening of school.

A grade of B in United States History and English 3 classes. All students are expected to take the AP exam in May.

Description: This course provides an intensive study of the various elements of government and politics in the United States and how they work together to produce public policy. It examines the critical relationship among the various institutions, government, groups and ideas that make up the political arena. Activities include essays, tests, note taking, debates, research projects, and use of primary and secondary sources. This course gives students an opportunity to interact with college-level material.

ECONOMICS CP

5 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Grade 12. Required for graduation.

Description: The study of those mechanisms by which labor, resources, and skills are brought together to produce and distribute the enormous quantity of goods and services people need and want. Students are introduced to basic economic principles through a variety of techniques with frequent applications to real-world experiences in the United States economy.

ECONOMICS HONORS

5 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Grade 12. Grade of B or better in United States History.

Description: The main focus of this course is the American economy. Students will learn about money and financial institutions, competition and monopoly, labor-management relations, supply and demand, and the relationship of the United States economy to the rest of the world. Study of the total economy will center on the nation’s goals of full employment, price stability and economic growth. Students will complete research on current economic problems. The class will be rigorous and challenging.

GEOGRAPHY (5 Credits)

Prerequisite: None.

Description: Students will intensively explore the political, physical and cultural geography of the seven continents of the world. This course is recommended for all 9th grade students, particularly those who wish to be successful in Honors or AP World History. Climates, populations, foods and crops, religions, and ethnicities will be categorized by country.

PSYCHOLOGY

5 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: 11th and 12th grade students.

Description: This course is an introduction to the study of human behavior. It examines psychological principles, theories, and research. What does psychology have to say to you, about you, in today’s world? Course covers the brain, principles of learning, theories of personality, stages of psychological development, stress and coping, mental disorders, and approach to treatment and therapy.

SOCIOLOGY (5 Credits)

Prerequisite: 11th and 12th grade students,

Description: This course is an introduction to the study of human social groupings. It aims to help students understand the world around them and how this in turn affects their everyday lives. It examines major issues facing modern day society: poverty, prejudice and discrimination, mental illness, crime, delinquency, and family stress.

ETHNIC STUDIES (5 Credits)

Prerequisite: Grade 11-12.

Description: Students will explore the history of and contemporary issues facing people of color that are traditionally absent from mainstream curriculum. The course seeks to empower the students and their respective communities using various disciplines and mediums such as history, sociology and art. The course will also examine the meaning of race, ethnicity, nationality and culture. It is intended to help build inter-ethnic understanding and generational bridges in an increasingly more multicultural and multi-ethnic nation, which is imperative to creating social justice.

HISTORY OF AMERICAN WOMEN (5 Credits)

Prerequisite: Grade 10-12.

Description: This course will examine the role of women politically, economically, historically, and socially around the world. The female contribution will be explored through literature, film, music, and the arts. Student projects, presentations, and community outreach will be a part of the evaluation process. The units of study are: Women around the world, Women in the United States, Women throughout history, Women and the economy, and Women and the media.

WORLD HISTORY (SDC) (10 Credits)

Prerequisite: IEP case manager recommendation.

Grade 10. This course meets the World History graduation requirement and is not UC/CSU-approved. Required for graduation.

Description: Students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins with a brief review of world history up to the modern age. The course continues with a focus on the expansion of the west and growing interdependence of people and cultures throughout the world.

U.S. HISTORY (SDC) (10 Credits)

Prerequisite: IEP case manager recommendation.

Grade 11. This course meets the U.S. History graduation requirement and is not UC/CSU-approved. Required for graduation.

Description: A study of the development of the ideals, traditions, and institutions that are uniquely American with special emphasis on the 20th century. It reveals the unity and diversity of the American people, while viewing the American experience in a world context. Recognition of significant events, major works, key ideas, and key people in the history of the United States.

AMERICAN GOVERNMENT (SDC) (10 Credits)

Prerequisite: IEP case manager recommendation.

Grade 12. This course meets the Government graduation requirement and is not UC/CSU-approved. Required for graduation.

Description: This course provides students with knowledge of their government and to become a part of it. Includes the ideological basis for American political theory and a basis for analysis, organization and functions of federal, state, and local governments. Students gain insights into the process of political behavior, factors that determine political influence in the American political arena and ways in which citizens may participate. Projects related to the current political scene is, an integral part of this course.

ECONOMICS (SDC) (5 Credits)

Prerequisite: IEP case manager recommendation.

Grade 12. This course meets the Economics graduation requirement and is not UC/CSU-approved.

Description: The study of those mechanisms by which labor, resources, and skills are brought together to produce and distribute the enormous quantity of goods and services people need and want. Students are introduced to basic economic principles through a variety of techniques with frequent applications to real-world experiences in the United States economy.

World Languages

FRENCH 1

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Recommended reading ability at grade level.

Description: Develop basic skills in speaking, reading, writing, and understanding the French language. Develop oral communication, using learned grammatical structures and limited vocabulary for a variety of concrete topics. Pronunciation and intonation are stressed on a daily basis. Students are introduced to cultural aspects of francophone societies.

FRENCH 2

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of C or better in second semester of French 1.

Description: Students continue to concentrate on the oral aspects of the language with increased work in grammar, reading, and writing. Ability to carry on a conversation, make oral presentations without reading, read with comprehension, write short paragraphs and use the various vocabulary and grammatical structures learned are stressed at this level. The culture of the French-speaking world continues to be part of the course.

FRENCH 3

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of C or better in second semester of French 2.

Description: Students use grammar and skills previously acquired and learn more advanced grammatical structures. Emphasis is placed on building vocabulary as a presentational tool for expanding and developing reading, writing, and conversational skills. Students begin to internalize the language. Emphasis shifts from the concrete to the abstract to enable the student to discuss cross-cultural concepts, thoughts, and feelings. Emphasis is placed on the perfection of pronunciation and intonation, with increased speed and fluency.

AP FRENCH LANGUAGE AND CULTURE

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Completion of French 3 with a B or better, and a teacher recommendation. All students are expected to take the AP exam in May.

Description: This course prepares students to take the Advanced Placement French Language test, and is conducted entirely in French. Using works of Modern-era francophone authors, current newspaper articles, and electronic media of native speakers, including news reports, film, pod-casts, songs, etc., students will learn to use words, expressions and grammatical structures in writing and speaking; understand content of reading selections on cultural topics; engage in literary analysis of poems and prose selections; write essays on cultural and literary topics with accurate grammar and proper syntax; demonstrate speaking proficiency by expressing personal opinion, presenting and analyzing current articles, analyzing texts, graphs and statistics.

SPANISH FOR SPANISH SPEAKERS 1

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Oral fluency and basic writing skills in Spanish

Description: Students will develop strong literacy skills and develop reading skills through the use of texts, magazines, and newspapers. Writing skills through essays which address students’ life experiences. Grammar terms and structures will be introduced. Latino and American cultures will be explored. The class will be conducted entirely in Spanish.

SPANISH FOR SPANISH SPEAKERS 2

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of C or better in Spanish for Spanish Speakers 1 or placement test.

Description: Course builds upon knowledge gained in Spanish for Spanish Speakers 1. Students will also reinforce the skills learned in Spanish 1. This course continues the development of reading, writing, speaking, listening and critical thinking skills in Spanish through the study of relevant literature, magazines and authentic resources. Students are empowered through self-expression in writing and speaking, and self-esteem is enhanced through appreciation of Latin American literature and culture. This class will be conducted entirely in Spanish.

SPANISH FOR SPANISH SPEAKERS 3

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of C or better in Spanish for Spanish Speakers 2 or placement test.

Description: In this course, students will develop advanced literacy and oral skills in Spanish. Students will develop reading skills through the use of Spanish Literature, magazines and newspapers. Grammar terms and structures as well as analytical and writing skills will be developed through essays. Similarities and differences between various Latino and American cultures will be explored. This class will be conducted entirely in Spanish.

SPANISH 1

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: None. Reading at grade level is recommended.

Description: Basic skills in speaking, reading, writing, and understanding the Spanish language. Strong emphasis on oral communication, using the learned grammatical structures and elementary vocabulary for a variety of concrete topics. Students are introduced to cultural aspects of the Spanish speaking society.

SPANISH 2

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of C or better second semester of Spanish 1.

Description: Course concentrates on the oral aspects of the language with increased work in grammar, reading, and writing. Ability to carry on a conversation, read with comprehension, write short paragraphs, and use the various vocabulary and grammatical structures learned are stressed at this level. The culture of the Spanish speaking world continues to be a part of this course.

SPANISH 3

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of C or better second semester of Spanish 2.

Description: Students will learn complex grammatical concepts and be expected to apply them in a variety of ways, including essay writing and sophisticated conversation. On a daily basis students will be expected to read different types of materials and discuss them. Classes are taught in Spanish at least half of the time.

AP SPANISH LANGUAGE & CULTURE

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Grade of B or better in Spanish 3. All students are expected to take the AP exam in May.

Description: This course prepares students to take the Advanced Placement Spanish Language test and is conducted entirely in Spanish. Through the use of major works of modern-era Hispanic authors, as well as electronic media of native speakers, students will learn to: use words, expressions and complex grammatical structures in writing and speaking; understand content of reading selections on cultural topics; write well-organized persuasive essays with accurate grammar and proper syntax.

MANDRAN 1

10 Credits – Meets UC/CSU subject “e” requirement

Description: Mandarin 1 is an introductory course for non-Chinese speaking students who until now have had little in-depth exposure to the intricacies of the Mandarin Chinese language and the cultures of Chinese-speaking countries. The main objective of Mandarin 1 is to develop a strong foundation in the four language skills: speaking, listening, reading and writing. Focus will be given in the students’ speaking and listening skills, pronunciation and proper grammar usage in high-frequency common communicative setting such as introductory greetings, family descriptions, time, hobbies and home etiquette. Students will also be able to accurately write and depict Chinese characters (*Hanzi*), effectively develop their phonetic understanding of *Hanyu Pinyin* and begin to associate the tonal qualities of Mandarin Chinese into their pronunciation.

MANDRAN 2

10 Credits – Meets UC/CSU subject “e” requirement

Prerequisite: Mandarin 1

Description: Mandarin 2 is an intermediate course for non-Chinese speaking students who have developed a solid foundation in the basics of Mandarin Chinese linguistics and the cultures of Chinese-speaking countries. This course aims to build students’ understanding of the complexity behind Mandarin Chinese linguistics in the speaking, listening, reading, and writing realms while developing students’ ownership of their learning of the Chinese language and culture. The main objective of Mandarin 2 is to further develop a strong foundation in the four language skills: speaking, listening, reading and writing. Focus will continue to be given in the students’ speaking and listening skills, pronunciation and proper grammar usage in high-frequency common communicative settings, such as introductory greetings, family descriptions, time, hobbies and home etiquette. Students will also be able to accurately write and depict Chinese characters

(*Hanzi*) with their semantic (radical) components, effectively develop their phonetic understanding of *Hanyu Pinyin*, and develop using the five tonal qualities of Mandarin Chinese into their pronunciation.

Visual and Performing Arts (VAPA)

CHOIR

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grade 9-12 (9th Graders can take for 5 Credits). Able to carry a tune and learn a choral part.

Description: Standard chorus repertoire including sacred and secular songs, show tunes and spirituals. Perfection of vocal techniques, diction, sight-reading and the development of independence in part-singing. This is a performing group. Participation in the Winter and Spring Concerts is required to pass this class.

SEMINAR NOTABLES

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grades 10-12. Audition and teacher approval required.

Description: Advanced choral class with the majority of choral literature being intermediate to advance. Literature is selected from the Renaissance, Baroque, Classic, Romantic and contemporary periods, including sacred texts. Students study music history and technique. Correct vocal technique is stressed. This is a performing group. Notables perform in the community, school, and on concert tours.

ORCHESTRA

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Advanced instrumental ability on an orchestral string instrument. Audition and/or recommendation from a middle school instructor. Wind players by instructor approval only.

Description: Explore standard orchestral and string ensemble literature. This is a performing group. Participation in the Winter and Spring Concerts is required to pass this class. Other performances may be required.

WIND ENSEMBLE

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Prior experience on a woodwind, brass or percussion instrument and ability to read basic music notation is required. Audition and/or recommendation from a middle school instructor are required.

Description: Rehearse and perform a wide variety of Wind Ensemble and Concert Band Literature. The wind ensemble performs at home football games and many concerts at SLHS and throughout the community. Since this is a performing group, participation in all performances (winter concert, spring concert and district band festivals) is a requirement to pass this class. Other performances may also be required. The

wind ensemble is divided into three sections based on grade level and abilities. All three ensembles perform together at the concerts and football games.

JAZZ ENSEMBLE

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Advanced instrumental ability and an audition. Must be enrolled in “0” period Wind Ensemble concurrently.

Description: Select performing jazz group chosen from among the best musicians in the school. This is a performing group. Participation in the Winter and Spring Concerts is required to pass this class. Other performances may be required.

INTRODUCTION TO CREATIVE ARTS (5 Credits)

Prerequisite: None. Grade 9

Description: Explore your creative side and experiment with new materials in this fun, one semester class. A variety of two- dimensional and three-dimensional projects will introduce you to the basics of drawing, painting, design and sculpture. We will find inspiration from professional artists past and present, and discover new and exciting ways to express ourselves.

DRAWING & PAINTING (ART 1)

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: None. Grades 9-12

Description: Meet your graduation requirements through fun projects in art and keep your creative flame burning. If you don't know how to draw, you will learn, through fun and easy assignments. If you do know how to draw, you will be challenged, by learning how to use watercolors, color pencil, pastels, paint and ink. Learn about artists from every culture and many eras. Express yourself beyond words and take this class.

ADVANCED DRAWING & PAINTING (ART 2)

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grade 10-12. Passing grade in Art 1 or teacher approval.

Description: Have fun developing your own personal style while creating your art portfolio. Students work independently on focusing to improve art skills introduced in Art 1. This course is a further development of visual expression through drawing, painting, mixed media, collage as well as non-traditional art materials. Art 2 is a project based course focusing on individual style, exploring contemporary and traditional art forms and themes. A wide range of real life art related professions and skills are introduced. Visits with local and national art college representatives are part of this AP Art pre-requisite course.

STUDIO ART (ART 3)

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grade 11-12. Any of the following classes: Art 2, Graphics, Digital Photography, Fashion or teacher approval.

Description: If you love art and want to create your own work in a studio workshop atmosphere, you can draw, paint, use Photoshop on your photos and create graphic designs and fashion illustration. There will be a combination of

classroom assignments and your personal interests in art. You will develop a portfolio that you can use for scholarships and college entrance. You will have opportunities for field trips and can even transition into Advanced Placement Studio Art, which is held at the same time.

AP STUDIO ART/2-D DESIGN

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grades 11-12. Art 2, Art 3, Graphic Design, Digital Photography, Fashion with B or better, or Instructor Approval. May be repeated for additional AP scores.

Description: Receive a weighted grade point, meet UC CSU honors requirements, and follow curriculum designed by The College Board. This is a college level class, and many schools will give you college credit for passing the AP exam. Explore and experiment with your own ideas, achieving excellence. Explore what is meaningful to you, while refining your skills in drawing, painting, collage, digital images, advertising, design, graphics or fashion. You will be prepared for college through art portfolio development, field trips, art shows and visits with college representatives. You will be taught by an expert and will develop your existing skills to the highest level. You will leave the class with an amazing portfolio and learn about the thousand career opportunities and high job placement that art education offers. Please look at www.apcentral.collegeboard.com under Studio Art to see specifics. There is a lot of work in this class, but if you love art, it will be your most memorable class.

FASHION DESIGN AND HISTORY

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Students Grade 10-12

Description: Exercise your creativity and express yourself visually! Fashion fuses music, lifestyle, fantasy and reality. You'll create the ultimate fashion journal of ideas and inspirations that reflect your ethnic background and personal aesthetic choices, as well as exploring other cultures. This course provides an opportunity for students to develop two and three- dimensional skills based on the elements and principles of design. Students also learn to identify works of famous past and present designers. Other concepts covered include fashion history, fashion illustration, textile design, hand sewing, shoe design and the many careers with high job placement, in this industry. Students will take a field trip and attend the annual fashion show at one of the San Francisco art colleges.

CHARACTER DESIGN FOR THE 21ST CENTURY

5 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grades 9-12. For students interested in gaming, character creation, comics, the entertainment industry, science, technology, and creative writing.

Description: This course is intended to foster creativity, self-direction and innovation for 21st century Visual Arts students. The focus will be on skills related to digital art, comic fantasy characters, gaming, costume play, manga, animé, 3-D character design and illustration, storyboarding and comics.

SCULPTURE 1

10 Credits – Meets UC/CSU subject “f” requirement

Description: Sculpture provides students an opportunity to develop two and three-dimensional skills based on the elements and principles of design. Sculptural expression is emphasized through hands-on studio projects, which include relief carving and free-standing sculptures of the student’s own design. You’ll learn how to manipulate several materials and use sculpting tools safely. Also, students will be given a sense of art history through a showing of visuals that relate to the studio projects they are working on.

SCULPTURE 2

10 Credits – Meets UC/CSU subject “f” requirement (pending approval)

Prerequisite: Sculpture 1 with a B or better or teacher approval.
Description: Advanced course in the designing, planning and construction of three-dimensional objects. Emphasis is placed on creative expression. Study includes jewelry, printing, and sculpture with various techniques and materials.

THEATER 1

5 Credits – Meets UC/CSU subject “f” requirement

Description: Introduction to theatre arts with emphasis on acting. Study includes theatre history and literature, stagecraft, improvisation, script analysis and interpretation, acting methodologies including contemporary American realism which focuses on character analysis, interpretation, rehearsal and performance skills.

THEATER 2

5 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grade of C or better in Theater 1
Description: Continuation of Theater 1 with emphasis on ensemble, theatre production and intermediate and advanced acting and playwriting skills. Intermediate and advanced students will continue study in character analysis, performance techniques germane to specific acting styles, rehearsal procedures and production values which lead to final performances. Lighting, set design, costume design, acting, directing and playwriting are offered.

TECHNICAL THEATRE 3, 4 (10 Credits)

Prerequisite: Grades 10-12. Participation in extra-curricular theater productions.

Description: Students in this course will acquire advanced acting skills by the study of various acting methodologies and theories. Additionally they will design and construct sets and costumes, design and implement lighting and sound design, for school production involving sketches, ground plans and marquees. Students will work as crew chiefs and supervise Theatre 2 students during construction, tech and performance. Students will explore theatre history and stage design as well as theatre architecture. Working under production conditions and problem solving will be important aspects of the course.

VIDEO PRODUCTION

10 Credits – Meets UC/CSU subject “f” requirement

Prerequisite: Grade 10-12. Grade of C or better in Drawing & Painting, Drama, Music, or Graphic Design.

Description: Learn the elements and principles of art and how they apply to film and video. Understand how the history of film can help you understand how people process the films we watch today. This class introduces all of the basic language of film. Composition, lighting, camera movement and sound are all addressed.

Physical Education

FITNESS COURSE 1 (10 Credits pending approval)

Prerequisite: Grade 9

Description: This course provides the foundation for high school Physical Education instruction. Fitness Course 1 aligns with the Physical Education Model Content Standards for California Public Schools and California Department of Education Code for Physical Education. The course sequence provides a blueprint for delivering content in a manner that empowers students to make a successful transition from the Physical Education instructional program to participation in physical activity throughout adulthood and beyond. The content of this course provides opportunities for students to develop physical literacy, motivation, confidence, skills, and knowledge to value and take responsibility for engagement in physical activities for life. Activities may include aquatics, rhythms/dance, and individual and dual activities. California Fitness Gram testing is required for ALL 9th grade students.

CO-ED PHYSICAL EDUCATION (10 Credits)

Prerequisite: Grade 10-12

Description: Students explore a variety of sports and movement activities throughout this course. Emphasis is placed on movement skills and knowledge, self-image, personal development, and social development. Physical fitness and how it relates to each student will be an important area of study during this course.

TEAM SPORTS (10 Credits)

Prerequisite: Grade 10-12.

Description: Explore and analyze the fundamental skills involved in various team sports. Sports included are softball, basketball, flag football, and soccer depending upon available facilities.

NET SPORTS (10 Credits)

Prerequisite: Grade 10-12.

Description: Explore and analyze the fundamental skills involved in various net sports. Sports included are badminton, tennis, volleyball, and pickle ball depending upon available facilities.

WEIGHT TRAINING (10 Credits)

Prerequisite: Grade 10-12.

Description: This course enhances awareness of the human body. Its primary direction will be on body strengthening and aerobic conditioning. Additional emphasis will be placed on nutrition and how it relates to body fitness.

MOVEMENT (10 Credits)

Prerequisite: Grade 10-12.

Description: Explore a variety of aerobic and anaerobic movement activities. These activities may include aerobics, circuit training, aquatics, body sculpting and physical conditioning.

ADAPTED PHYSICAL EDUCATION (10 Credits)

Prerequisite: Grade 11-12.

Description: The focus of the A.P.E. curriculum is to provide the students with the skills and knowledge that are needed to maintain a physically active and healthy lifestyle. A.P.E. students become more confident, independent, develop positive social skills, and are able to learn specific skills which will allow them to adopt a physically healthy lifestyle.

A.P.E. PEER COACH (5 Credits)

Prerequisite: Grade 11-12.

Description: This course is designed for students who want to support developmentally delayed students in the area of physical education. Peer Coaches will develop knowledge in the areas of special education history, laws and types of disabilities while working one on one with our San Leandro High School special needs students. Students must show initiative and leadership.

Career Technical Education (CTE)

Courses in this section satisfy the Practical Arts graduation requirement (10 credits required).

AUTO MECHANICS (10 credits)

Students can earn an ROP Certificate in Auto Mechanics

Prerequisite: Grades 10-12. For safety, students who do not demonstrate a maturity level appropriate for the class curriculum will be dropped.

Description: For students interested in learning about the mechanical aspects of their car, repair procedures, and the auto repair industry. The course introduced students to safety, tools, engine operation, basic engine overhaul procedures, fuel system, electrical system, drive trains—including transmissions and differentials, brakes, suspension, steering, tires, cooling systems, and lubrication systems. Shop projects will be provided for students.

ADVANCED AUTO MECHANICS (10 credits)

Students can earn an ROP Certificate in Auto Mechanics

Prerequisite: Grades 11-12. Auto Mechanics or teacher approval required.

Description: A shop-based study of automotive repair and maintenance. Students will experience many phases of automotive reconditioning comprised of, but not limited to: service, maintenance, and repair of engines, transmissions, suspensions (including alignment), tires, brakes, and cooling, fueling, and electrical systems. This class is primarily hands-on work.

CAD SOLID MODELING WITH SOLID WORKS (DRAFTING 1)

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Grades 9-12. Graphic Arts, Intro or Computer Science recommended.

Description: For students interested in obtaining drafting skills for use in engineering fields, and learning to draw and read prints for use in all manufacturing and building trades. The course consists of fundamentals principals of drafting, including line work, lettering, freehand and instrumental drawing, geometric construction, multi-view drawing, dimensioning, isometric and oblique drawings, sections, auxiliary views, descriptive geometry and threads and fasteners. The course also provides an introduction to Computer Aided Drafting (CAD).

METAL ORIENTATION (5 credits)

Prerequisite: 9th grade students only. For safety, students who do not demonstrate a maturity level appropriate for the class curriculum will be dropped.

Description: This is a basic course for students to acquire knowledge in metalwork and manufacturing. The course starts with basic handwork such as sawing, filing, measuring, and layout work. Later the students will be instructed in the use of machine tools such as grinders, lathes, and milling machines. Lastly, students will learn the basics of programming and the operation of computer controlled machine tools.

MACHINE TECHNOLOGY (METAL 1)

10 Credits - Meets UC/CSU Subject “g” Requirement

Prerequisite: Grades 10 - 12. Grade of C or better in Metal Orientation.

Description: This course teaches the principles of machining and metal cutting using modern machine tools, hand tools, and precision measuring tools. Students will learn to use all of the four basic machine tools: Lathe, vertical mill, drill press, and surface grinder. In addition, students will learn how to operate modern CNC equipment as used industrially in rapid prototyping and production. Students will apply elements of trigonometry, geometry, and algebra to identify and layout tapers and angles, and to compute part dimensions and tool speeds.

METAL 2 (10 credits)

Prerequisite: Grades 10-12. Grade of C or better in Metal Technology.

Description: This course is designed for students who have a continued interest in metalworking and would like to refine their skills in this field. Students will complete advanced projects in the various aspects of metalworking. Students will be encouraged to submit projects to the Alameda County Fair.

WOOD (10 credits)

Students can earn an ROP Certificate in Wood Shop

Prerequisite: For safety, students who do not demonstrate a maturity level appropriate for the class curriculum will be dropped.

Description: This course teaches skills used in the woodworking trade. Students will learn and apply skills in: woodworking, teamwork, drafting, and business. These skills will enable students to see how small and large scale manufacturing operates in the business world. Students will learn the safe use of hand and power tools, how to read technical drawings, calculate measurements using whole numbers, decimals, and fractions. Building useful and beautiful projects in wood will enable students to learn in a “hands on” environment.

ADVANCED WOOD (10 credits)

Students can earn an ROP Certificate in Advanced Wood Shop

Prerequisite: Grade 10-12. Grade of C or better in Wood 1 or approval of instructor.

Description: Students will participate in the advanced manufacturing program building on the skill gained in Wood 1. Students will take on a much higher degree of leadership and tackle more advanced projects. Students will be encouraged to enter a final advanced project into the California State Fair. Successful completion of this course will provide real job skills for students looking to move into the woodworking trade.

GRAPHIC ARTS

10 Credits – Meets UC/CSU subject “f” requirement

Students can earn an ROP Certificate in Graphic Arts

Prerequisite: Grades 10-12

Description: Experience the many facets of a graphics occupation by engaging in the process of design problem-solving. Manipulate hand tools and computer applications within the Adobe Creative Suite to develop ideas that fit the parameters of a given job. While acquiring the ability to communicate ideas visually is essential, the real value of this class is the nurturing of imagination and creative thinking! Creativity statistics report that 98% of 3-5 year-olds test out as creative genius...5 years later; it's down to 32%. By the time students become teenagers; creative genius applies to only 10% of the population! And yet, creative thinking is one of the critical 21st century skills. This class provides the opportunity to access your hidden creativity!

YEARBOOK (10 Credits)

Students can earn an ROP Certificate in Graphics/Yearbook
May be taken a second or third year as an elective.

Prerequisite: Grade 10-12. GPA of 2.0 or better, or approval of the teacher.

Description: The program presents students with knowledge of current techniques and skills used in graphic communications. Students learn creative and technical processes of project management with an emphasis placed on concept from planning to completion. Students produce the school's yearbook using state-of-the-art desktop publishing software (Adobe InDesign and Photoshop). Students plan the yearbook, get the information, do design and layout, develop desktop publishing skills, and marketing concepts. Students have opportunities to win state and national awards.

JOURNALISM I

10 Credits – Meets UC/CSU subject “g” requirement

Students can earn an ROP Certificate in Graphics/Journalism
May be taken a second or third year as an elective.

Prerequisite: Grade 10-12. Grade of C or better in English, or the approval of the teacher.

Description: Students learn all aspects of producing a publication as a staff member of the national and international award-winning student newspaper, The Cargo. From generating story ideas, doing research, interviews, writing and photography to producing page layouts with current desktop publishing software, students learn by doing. They produce both print and web editions. Students learn principles of good journalism and design, gaining the skills needed for employment in the vast communications field. The class offers opportunities to be published and win awards.

INTRODUCTION TO COMPUTER SCIENCE (10 Credits)

Prerequisite: Familiarity with a computer, keyboard and mouse usage and a grade of C or better in Algebra 1.
Grades 9-12.

Description: This class looks at how computers affect our lives in modern times. It is self-paced and project-oriented. We spend the majority of the class working on the computers, rather than at the desks. The skills learned in this class can be used to improve your MySpace or Facebook page! Even learn the skills to become a web page designer and earn extra cash in your spare time! This class covers:

- Web page design with HTML. Primp up your page!
- Artificial Intelligence—Smart computers!
- Robotics and society—at our service?
- Hackers and virus builders—the dark side
- A mock court trial of hackers
- Flash animation—on-line animation
- Altering pictures with Photoshop
- Computer hardware; building your own computer

INTERMEDIATE COMPUTER SCIENCE (10 Credits)

Prerequisite: Students with substantial computer knowledge.
Grades 10-12.

Description: In Intermediate, students learn how to program on-line games! This class is good alone or as an introduction to programming for AP! Learn how to design complete playable on-line games. The games you make are uploaded and playable on any computer with a browser. This class teaches games making in two different but related languages:

- Alice—learn programming concepts the easy way!
 - Java Script—makes special effects on you web page, or stand alone, object-oriented games!
 - Flash Action Script—web based animations and games!
- Learn the basics of programming!

AP COMPUTER SCIENCE A

10 Credits – Meets UC/CSU subject “g” requirement

Prerequisite: Grades 11-12. A grade of C or better in Advanced Algebra/Trigonometry. Teacher approval.

Description: AP Computers is an AP-approved class for learning Java—the world’s most popular language. You can learn how to program anything from a computer to a cellphone to robots! Students will be prepared for the AP Computer Science exam and may qualify for college credit. The APCS test has the highest pass rate of any AP exam. Computer Scientists are in high demand. They earn far above average wages and have very high job satisfaction. Start your future today with SLHS Computer Sciences

INTRODUCTION TO MICROSOFT OFFICE (5 Credits)

Prerequisite: Completion of lab use agreement.

Description: Introductory course emphasizing proper technique using a keyboard, touch typing, letter styles, tabulation and other formats. Emphasis on meeting deadlines, proofreading skills, interpersonal skills and appreciation for technology.

BUSINESS APPLICATIONS (5 Credits)

Prerequisite: Successful completion of Introduction to Microsoft Office with a grade of C or better or teacher’s recommendation.

Description: Master Microsoft Office applications. Students will gain an understanding of the advanced use of Microsoft Word, Excel, PowerPoint, Publisher, and Access. While exploring advanced applications, students will develop public speaking and presentation skills.

ACCOUNTING (10 Credits)

Prerequisite: Concurrent enrollment in Algebra; Completion of Algebra or higher math courses.

Description: Principles and processes involved in manual double-entry accounting systems—journals, posting to ledgers, preparing worksheets and financial reports. Specialized accounting procedures – banking, petty cash, and payroll. The course includes the use of calculators and computers to process financial information and produce reports and graphs.

MARKETING ME (5 credits)

Prerequisite: Grade 9

Description: What makes you a top performer in the workplace? The key is a positive attitude. Unleash your star potential by learning to choose thoughts and feelings that stimulate a positive perspective. This is an introductory course to prepare freshmen to be creative and professional, who understand the power of a message to influence attitudes and behaviors that will lead them to be successful communicators. Students will design projects to support potential clients, most importantly, market themselves, along with preparing a portfolio.

MARKETING ECONOMICS

10 Credits – Meets UC/CSU subject “g” requirement

Students can earn an ROP Certificate in Marketing Economics

Prerequisite: Grades 10-12. Teacher approval; “0” Period available.

Description: This is an exciting introduction to marketing that will include DECA, and teach concepts beyond that of advertising and promotion. Besides being a great foundation to business principles, this class will teach you how to market yourself as you prepare for the world outside of high school. You will need to market yourself to get into a university, get that job you want, and even social skills. The following skills will prepare the student in marketing and business fundamentals, selling, financing, product/service planning, information management, purchasing, distribution, pricing, promotion, risk management, career development, economics, communications, human relations, marketing math, and marketing operations. Students may earn credit toward community colleges in business.

BUSINESS OWNERSHIP & MANAGEMENT/ ECONOMICS

10 Credits – Meets UC/CSU subject “g” requirement

Meets graduation requirement for Economics credit

Students can earn an ROP Certificate in Business Economics

Prerequisite: Grade 12. Teacher/counselor approval.

Description: You will have the opportunity to manage a large or small company some time during your life. Students are able to analyze, synthesize, and evaluate data from the other functional areas of business (e.g. marketing, finance, accounting, entrepreneurship and leadership), as well as focus on managing one’s time and the time and talents of others. Students learn leadership skills and are able to select appropriate management styles. Topics of discussion include the Stock Market, comparative economic systems, and the impact of political and social decisions on the economy.

INTERNSHIP 101—CAREER DEVELOPMENT

(5 Credits per semester)

Prerequisite: By approval only.

Description: Interested in getting credit for working? Working in retail? Well, join the Marketing Career Development Program that meets 7th period one day per week. Learn employment skills, assess personal values, goals, interests and abilities for career decision making.

Special Education

INDEPENDENT LIFE SKILLS (10 Credits)

Prerequisite: Case-carrier recommendation

Description: A course that focuses on preparing our students with IEP goals pertaining to independence and adult life, with emphasis on money management, budget comprehension, employment preparedness, community awareness and household tasks.

TRANSITION SKILLS/SDC (10 Credits)

Prerequisite: Case-carrier recommendation.
Grades 11 and 12

Description: Students enrolled in this course are seeking practical and valuable skills and knowledge necessary for adult living. This course provides instruction and practice on making good decisions, improving relationships, recognizing personal strengths, planning for college, exploring career options, entrepreneurship, as well as learning basic entry level job skills, understanding personal finances, getting and using credit, investigating housing options and managing personal and professional documents.

TRANSITION MATH (10 Credits)

Prerequisite: Case-carrier recommendation

Description: The Transition Math class will prepare students in acquiring prerequisite skills to be more successful in their special education algebra class. This course will make math more meaningful and relevant in applying basic computational skills in “real life” problems. (Non Department Credit)

TUTORIAL (10 Credits)

Prerequisite: Case-carrier recommendation.

Description: This course is designed for students with IEPs who spend most of their instructional time in mainstream classes. The emphasis is on reinforcing study skills and providing support in areas of academic difficulty.

Nondepartmental Electives

LEADERSHIP (10 Credits)

Prerequisite: Grade 9-12. Approval of Director of Student Activities.

Description: For students interested in developing skills in organization, planning, and decision-making. Students will develop projects related to communication, planning, organizing, and publicizing school events and projects. Instruction in communication skills, decision-making, problem solving, and long range planning.

SCHOOL SERVICE/LIBRARY SERVICE (10 Credits)

Prerequisite: Grade 12. Counselor or Assistant Principal approval. Good attendance and grades required.

Description: Office/Teacher/Library duties may include: answering phones, alphabetizing, filing, mail distribution, word processing, escorting new students to their classes, and delivering passes to classes. Space is limited and only students with administrative approval will be placed into this program.

A.V.I.D. PEER TUTOR (10 Credits)

Prerequisite: Good academic record and attendance. Enrollment in rigorous classes (honors/AP) is desired.

Description: AVID peer tutors actively assist in helping students in the AVID course engage in the AVID strategies. AVID peer tutors receive specific training to help them act as leaders and facilitators. Their main duty is managing the AVID tutorial, a collaborative activity where AVID students attempt to answer questions or problems from their content classes using inquiry from the tutor and other students in the group. The AVID tutor is responsible for ensuring that all necessary materials for success are brought by participants, confirm that the prerequisite work (TRF) is completed, and ensure that proper protocols are followed. In addition, AVID tutors support the AVID elective teacher with binder checks and other class-related activities.

The ideal candidate is a mature 12th grade student with intentions of continuing their education after college. They typically have high GPAs and are taking or have taken rigorous classes. They have good punctuality and attendance, and may have an interest in working with youth or working in education as a career. AVID peer tutors are recognized by many institutions of higher learning as being dependable and highly employable students. In addition, AVID peer tutors are given priority consideration when applying for the paid college tutor position after they graduate.

ELEMENTARY AIDE PROGRAM (10 Credits)

Prerequisite: Grade 11-12. Administrative approval. Good attendance.

Description: Cross-age tutoring. Students are assigned to elementary and middle schools to assist teachers and tutor students with special needs.

EDEN AREA REGIONAL OCCUPATIONAL PROGRAM

Eden Area ROP is accredited by the Western Association of Schools and Colleges (WASC).

WHAT IS THE ROP?

The Eden Area Regional Occupational Program (ROP) is a college-career-training program offered by Castro Valley, Hayward, San Leandro and San Lorenzo School Districts. ROP offers hands-on classes and opportunities for high school students to learn something new and prepare for their future. In partnership with local school districts and the business community, ROP prepares students for college and careers by providing marketable skills and work ethics to build and keep a career. Successful students earn an ROP Certificate in their field of study.

ARE HIGH SCHOOL & COLLEGE CREDITS AVAILABLE?

YES! All classes offer high school credits. Some classes satisfy requirements in Math or Science, too. Additionally, students can earn college credits toward a certificate or degree program at community colleges in most ROP programs, also referred to as articulations.

WHY TAKE ROP?

All ROP courses give students the hands-on experience in each industry to help start their career plans and get skills that will last them a lifetime. You can earn your high school credits as well as community college credit all while taking classes you enjoy.

WHAT IS THE COST?

ROP is FREE to high school students. Transportation between high school and the Hayward Center is also FREE for both morning and afternoon sessions,

OTHER COSTS:

Some courses have additional costs for uniforms, protective equipment, or medical clearances. This information is provided at orientation or on the first day of class.

IS BUSINESS INVOLVED?

Over three hundred local employers participate on ROP advisory committees to keep our training current with industry standards. Many classes offer non-paid internships or on-the-job training at business and industry sites throughout the county. Employers who need highly skilled, motivated employees hire ROP graduates!

PROGRAMS OFFERED AT THE HAYWARD CENTER

Notes: Students must be in Grade 11 or 12. All classes meet for 3 hours daily (30 credits per semester).

AUTO REFINISHING

Certification—PPG and iCAR

Description: A comprehensive program designed to provide students with skills and hands-on instruction in the auto body industry. The course focuses on learning filling and sanding; welding, cutting, and repairs of metal surfaces; repair replacement of auto body parts; shop safety, and trade ethics. The class uses the latest water based painting system. Students also learn the latest technology for the auto refinishing and painting industry. This class combines classroom and hands-on experience to teach surface preparation, painting and detailing, as well as project planning, teamwork, and design.

AUTOMOTIVE TECHNOLOGY

Certification—NATEF Basic Automotive

Chabot College and Los Positas College credit available.

Description: Prescriptive instruction covers brakes, suspension and steering, engine performance and electricity/electronics. This NATEF based course content includes instruction in safety, industry standards, related automobile operational theory, diagnosis and trouble shooting, and repair procedures. Students will be exposed to the automotive business and industry and provided with entry-level job skills. Course topics include automotive parts, carburetion, front-end alignment, major engine tune-up and performance, the function of fuel systems, brakes, engine overhaul and electrical repairs, and troubleshooting, analysis and shop practices. Recognized by the California Department of Education as a ***MODEL PROGRAM***

CAREERS N EDUCATION I, II (PSYCHOLOGY OF CAREERS IN EDUCATION)

Meets UC/CSU subject “g” requirement

Chabot College, Mission College, and Ohlone College credit available.

Description: A critical need for pre-school, elementary and secondary teachers exists throughout California. This course offers an introduction to occupations in childcare, elementary and middle school teaching. Students learn children’s development and teaching techniques, job and career opportunities in the field, safety precautions, school emergency procedures, employment preparation, growth and development of children, and valuable experience working in a variety of settings. On-the-job training at a childcare facility, pre-schools or elementary school sites will be an integral part of the program. Students participate in an internship and assume a variety of teaching responsibilities during this training period. Bus Transportation will NOT be provided to or from community work sites.

COMPUTER, WEB, PROGRAMMING TECHNOLOGY, AND ROBOTICS AND GAME PROGRAMMING

Meets UC/CSU subject “g” requirement

Chabot College and Ohlone College credit available

Certification—CISCO, A+, and Network+40

Description: Students will get an introduction to computer programming and web development. Different projects in this class include programming Android applications, LEGO robots, and remote air drones. Students will study preparation material for the A+ and Network + Certification exams. This course also includes computer-based access to official CISCO curriculum to allow students to pursue CISCO certifications. These certifications are designed to document an applicant’s knowledge of basic PC troubleshooting, networking and repair techniques. Also, students will learn how to diagnose hardware and software problems, system design, software application and setup, as well as introductions into game programming and networking. Included in this course is robotic technology, computer control systems, and artificial intelligence. Students will compete in Skills-USA and STRUT competition. Students will be introduced to the variety of occupations in the information technology sector.

CONSTRUCTION TECHNOLOGY I AND II (GREEN TECHNOLOGY)

Description: Construction Technology is a course in fundamental construction skills. These building concepts include project planning, print reading, foundations, framing, electrical and plumbing, and finish work. In addition to the basics, students will gain experience with alternative energy systems, energy auditing, solar technology and other green construction practices. Construction Technology involves classroom and work-site competencies in the following areas: basic construction math, project organization, starting the job, foundations and support structures, practices and procedures for standard wood framing, exterior wall and roof coverings, repairing and/or altering old and new structures and new technologies.

CRIMINAL JUSTICE/FORENSIC SCIENCE ADVANCED

Meets UC/CSU subject “g” requirement

Chabot College and Los Positas College credit available

Description: This SkillsUSA award-winning class is designed to give students both theory and hands-on experience in the skills and knowledge in the field of forensic science, including introduction to crime scene investigation, crime scene photography, physical evidence in solving crimes, dusting and lifting fingerprints, evidence collecting and processing methods. Emphasis will be placed on the importance of effective communication and interpersonal skills, professional development, strong academic skills, problem solving, safety, and the use of technology. Recognized by the California Department of Education as a ***MODEL PROGRAM***

CULINARY SCIENCE

Meets UC/CSU subject “g” requirement

Mission College credit available.

Certification—ServSafe

Description: This class is designed to give students both theory and hands-on experience in the skills and knowledge in the field of Culinary Science. including an introduction to the world of foods. Students will learn the importance of health and safety, food preparation, proper use and care of equipment; as well as job preparation. The class also has their own working garden to learn to grow their own produce and to practice the “farm to table” concept. Emphasis will be placed on the importance of effective communication and interpersonal skills, professional development, problem solving, safety, and the use of technology.

DENTAL ASSISTING

Certification—DA/RDA

SLUSD graduation credits for Health & Safety, Science.

Description: The Dental Assisting Program prepares students with a solid foundation for entering the Dental career pathway with opportunities such as Dental Assisting, X-Ray Technician, Hygienist, and Dental specialties. Upon successful completion of this course, student will receive a certificate of completion, a California Dental X-Ray certificate, and an Infection Control Certificate. Instruction includes 400 hours of internship in a dental office. The program includes on-the-job instruction from Dental professionals in their offices. Bus Transportation will not be provided to or from community work sites. Recognized by the California Department of Education as a ***MODEL PROGRAM***

FIRST RESPONDER (FIRE SCIENCE/EMT)

Chabot College credit available.

Certification—CPR and First Aid

Description: The First Responder Training Program (FRTP) includes topics most applicable to first responders who are firefighters and emergency medical services personnel. These emergency response professionals must be trained and equipped for virtually any situation. This course provides instruction in systems and structures of surface anatomy and key principles of physiology. The basic functions of the nervous system, cardiovascular system, and the respiratory system are presented. Second semester provides opportunities for on-site training in medical facilities and ride along with different fire stations for students. Bus transportation will not be provided to or from community work sites.

MEDICAL CAREERS I, II (MEDICAL TECHNOLOGIES)

Meets UC/CSU subject "g" requirement

Chabot College credit available.

SLUSD graduation credits for Science

Description: An extensive medical program offering instruction in a range of health related careers such as Nursing, Medical Assistant, Pharmacy Aide, Central Supply Aide, Laboratory Aide, Radiology Aide and front office skills.

The program also covers administrative procedures and terminology needed to perform paperwork associated with the operation of a medical facility or physician's office. First semester covers Medical terminology, Anatomy and Physiology, Vital signs, and career research. Second semester provides on-site training in community medical facilities, and/or exam preparation to become a California Certified Medical Assistant (CCMA). Students that do not have internship will have front office skills, such as billing bookkeeping, scheduling, and reception. Bus transportation will NOT be provided to or from community work sites.

Recognized by the California Department of Education as a ***MODEL PROGRAM***

MERCHANDISING

Prerequisite: Special Education status or Department of Rehabilitation client

Description: This program provides training to students with disabilities through three different approaches. Students enrolled by Individual Educational Plan (IEP) process with ROP instructor present at placement meeting.

RETAIL FLORAL DESIGN, EVENT PLANNING AND ENTREPRENEURSHIP

Meets UC/CSU subject "f" requirement as Art and History of Floral Design

Mission College credit available.

SLUSD graduation credits: Fine Arts.

Description: Learning how to run your own business can be fun and rewarding. This class is looking for students that are leaders and willing to take risks and exercise initiative, taking advantage of market opportunities by planning, organizing and employing resources, often by innovating new or improving existing products. Retail floral is the platform to teach skills that relate to both entrepreneurship as well as running a small business. Students will acquire practical skills and knowledge as they learn to run a small business. Students will work to create and develop a business plan to present and possibly execute to generate revenue. Curriculum will include problem solving, creative thinking, and written and verbal communication skills. Students learn preparation and design techniques, supply ordering, coordinating with vendors, sales procedures and customer service. Individual creative talents are developed through a variety of hands-on projects and events (students work on outside events as well as catered events with the culinary class). Bus transportation will NOT be provided to or from community work sites.

WEB, GRAPHICS, DIGITAL DESIGN (COMPUTER GRAPHICS)

Meets UC/CSU subject "f" requirement

Description: Explore sound, graphics, animation, and video as they merge in DVD and web-based technologies. Students will build a portfolio while learning design tools and techniques in Dreamweaver, Flash, Director, Photoshop, and Premiere. Desktop productions, color theory, elements of design, as well as career preparation are covered. This course utilizes new iMac computers to introduce students to the dynamic field of graphic design. Students learn to use computers to produce illustrations and manipulate images to achieve a desired look and purpose. Custom T-shirt and logo creation is used to learn Adobe software and other concepts such as layering and separating colors for print. Meets UC/CSU subject "f" requirement Chabot College, Los Positas College, and Ohlone College credit available

WELDING TECHNOLOGY AND METAL FABRICATION

Description: This course is designed to provide students with entry-level skills required in the various metal working occupations. Important skills such as Blueprint reading, and career preparation will be taught. Welding areas to be covered include oxygen-acetylene gas welding, Tungsten Inert Gas (TIG), Metallic Inert Gas (MIG), Shielded Arc Welding Processes (stick), spot welding, plasma cutting, sheet metal forming processes, metal working power tools, and hot and cold metal fabrication. Become skilled in this high tech industry! Chabot College credit available.