



Western Placer Unified School District
LINCOLN HIGH SCHOOL

2018-2019
COURSE CATALOG

Jay Berns Ed.D, Principal
Stephanie Brown, Assistant Principal
Vikki Eutsey, Assistant Principal
Michael Maul, Assistant Principal

790 J Street
Lincoln, CA 95648

Main Office (916) 645-6360
Fax (916) 645-6349

Website: www.wpusd.k12.ca.us

Lincoln High School—Our Mission:

The Mission of Lincoln High School is to empower students to be productive, successful citizens of a global community. It is our goal, within a safe environment, to promote student pride and self-esteem through diverse curriculum and recognition of excellence. We are committed to developing independent, self-motivated students who can process and utilize information, collaborate with others, and think for themselves.

Lincoln High School (916) 645-6360

Principal Secretary	ext. 100	Barbara Green
Registrar	ext. 101	Connie Cook
Activities Director	ext. 274	Mary MacQueen
Attendance	(916) 645-6580	Angela Button & Carol Hutchinson
Athletic Director	(916) 645-6348	Donna Tofft
District Office	(916) 645-6350	

School Counselors

Tom Kelly (A-D)	ext. 102	tkelley@wpusd.k12.ca.us
Cleo Carrasco (E-La)	ext. 110	ccarrasco@wpusd.k12.ca.us
Misty Alarcon (Le-Re)	ext. 107	malarcon@wpusd.k12.ca.us
Robyn Court (Rh-Z)	ext. 129	rcourt@wpusd.k12.ca.us

College & Career Specialist

Heather Pierce	ext. 121	hpierce@wpusd.k12.ca.us
----------------	----------	--

Department Heads

English- <i>J. Duncan</i>	Foreign Lang- <i>J. Villanueva</i>
CTE – <i>B. Hess</i>	Math- <i>D. Hicks</i>
Physical Education- <i>D. Tofft</i>	Special Ed- <i>K. Manzano</i>
Social Science- <i>M. Freestone</i>	Science- <i>T. Allen</i>

TABLE OF CONTENTS

Mission, Office, Counseling, College & Career, & Department Heads.....	Page 2
Graduation Requirements, Honor Roll, Academic Honor Cord.....	Page 4
Grading Policy.....	Page 5
College Entrance Requirements.....	Page 6
Sample 4-Year Plan.....	Page 7
Sierra College Academic Enrichment.....	Page 8
College Entrance Exams.....	Page 9
General College Information Sources, Schedule Change Process.....	Page 10
College & Career Education Pathways.....	Page 11
Course Offerings.....	Pages 12-48
• Social Studies	
• English	
• Mathematics	
• Science	
• World Language	
• Fine Art/Performing Art/Music	
• Computers/Vocational	
• Trades & Industrial Arts	
• Physical Education	
• Electives	
• Special Education	
• CTE WORKS	

**Western Placer Unified School District
Lincoln High School Graduation Requirements**

Proficiency Requirements:

State law requires that graduates will have to reach a minimum standard of proficiency in reading, writing, and mathematics in order to receive a diploma from graduation of high school.

To receive a diploma, students need to meet the following requirements:

Course	Credits Required
English (9th, 10th, 11th and 12th)	40
Mathematics (Pass Algebra 1(Math 1) to graduate) Students must enroll in Math in their 9 th ,10 th , 11 th grades	30
Science (one Biological and one Physical)	20
Physical Education	20
Health/Drivers Education	5
Geography (9th)	5
World History or AP European History(10th)	10
U.S. History or AP U.S. History (11th)	10
Gov/Econ, AG Gov/Econ, or AP Gov/Econ (12th)	10
Visual/Performing Arts or Foreign Language	10
Computer Technology	5
Electives	95

TOTAL CREDITS REQUIRED TO GRADUATE 260

HONOR ROLL CRITERIA

1. Principal’s Honor Roll-must have a 3.80 GPA or above excluding P.E.
2. Honor Roll-must have a 3.00 GPA or above excluding P.E.
3. Must be a fulltime student at Lincoln High School
4. Only classes taken at Lincoln High School, or another accredited high school, count in the GPA.
5. An “F” automatically disqualifies a student from the honor roll.

4 YEAR ACADEMIC HONOR CORD

- A student must have a 3.0 GPA or better in all course work for 8 consecutive semesters at Lincoln High School or another accredited High School, and fulfill all A-G requirements.
- Student cannot have received an “F” or an “Incomplete” in any class.
- A student must be in academic classes for 8 Semesters. (Excluding Special Education, ROP (CTE WORKS), Work Experience, PE).

Lincoln High School Grading Policy

A cumulative GPA is calculated for all high school level courses based on the number of credits received and a 4.0 (unweighted) and 5.0 (weighted scale).

Weighted vs. Unweighted Cumulative GPA: The Unweighted Cumulative GPA is the average of all final course grades received in high school level courses based on a 4.0 scale (see table below). Unweighted GPA is calculated by multiplying the final course grade with the credit awarded divided by the total credits.

Grade Points Awarded:

A (90%-100%)	4
B (80%-89%)	3
C (70%-79%)	2
D (60%-69%)	1
F (0%-59%)	0

Weighted Cumulative GPA uses a different scale based on the “weight” of certain courses. Some courses (i.e. Honors courses and Advanced Placement) are calculated on the weighted 5.0 scale in determining the weighted GPA. All other courses are calculated using the traditional unweighted 4.0 scale.

Grade Points Awarded:

A (90%-100%)	5
B (80%-89%)	4
C (70%-79%)	3
D (60%-69%)	2
F (0%-59%)	0

University of California & California State University Entrance Requirements

The University of California and California State Universities now require the same subjects for students entering as freshmen. These are referred to as the “A through G” requirements. Students who take more than the minimum requirements, choose AP and/or Sierra college classes and have a high GPA and test scores are stronger applicants to competitive colleges

A-G Requirements

a)	History	2 Years	World Studies/US History
b)	English	4 Years	College Preparatory English
c)	Mathematics	3 Years (4 Yrs. Rec.)	Algebra 1 (Math 1), Geometry (Math 2), Algebra 2 (Math 3) or higher to reach 3 years
d)	Laboratory Science	2 Years (3 Yrs. Rec.)	2 of the 3 Disciplines Biology, Chemistry, Physics, or another adv. lab
e)	Foreign Language	2 Years	2 Years of the same language
f)	Visual & Performing Arts	1 Year	Fine/Performing Art, Music, Computers Technology
g)	College Prep Elective	1 Year	Any course beyond the a-f requirements may be used to fulfill the g requirement

All grades must be a ‘C’ or better to meet college admission standards. Also, generally speaking, the more math, science and world language, the better. Complete 15 units of college prep courses with a grade of ‘C’ or better.

The University of California system (UC Davis, Berkeley, etc.) includes ten four-year universities offering a variety of BA and BS degrees. To qualify for entrance, students must have a high-school diploma or a California Proficiency Certificate. Students must follow a university preparatory program and **must earn ‘C’ or better grades in the required courses. Students must complete 15 college-prep courses (11 by the junior year) with a grade point average of 3.0 or higher.** In addition to the ACT or SAT examination, consideration should be given to taking SAT 2 Subject Tests. Although not required, SAT Subject Tests are still recommended. Entrance GPA and requirements may vary depending on the major area of study and the campus selected. Consult the Career Center for more information. For general UC information refer to www.ucop.edu or www.CaliforniaColleges.edu.

California State University (CSU Sacramento, Chico, etc.) includes 23 four-year universities offering a variety of BA and BS degrees. To qualify for entrance, students must have a high school diploma or California Proficiency Certificate. Students must follow a university preparation program and **must successfully complete the required courses with a ‘C’ or better. Students must have a high school GPA of 2.0 or higher to be eligible for the CSU system. Please note that this is a college GPA which only includes college prep approved courses.** Entrance GPA and requirements may vary depending on the major area of study and the campus selected. For a complete listing of CSU’s visit www.calstate.edu , www.CaliforniaColleges.edu online or contact the Career Center for more information.

PRIVATE COLLEGES

There are many private colleges and universities. Their entrance requirements are similar to those of the University of California or the California State University systems. Consult your College and Career Specialist.

COMMUNITY COLLEGES

The California Community College system offers A.A. or A.S. degrees and certificates, two year transfer programs where the classes taken for credit can be transferred to four year systems, and training in many trades and career technical fields.

TECHNICAL AND BUSINESS SCHOOLS

These schools offer certificates for training in a variety of vocational occupations. Most require a high school diploma or its equivalent. Some are available here in the Sacramento area. For more information you can see your College and Career Specialist.

SAMPLE 4 YEAR PLAN

Freshman	Sophomore	Junior	Senior
English 9 English 9 Honors Other English	English 10 English 10 Honors Other English	English 11 AP English Language AP English Literature Other English	English 12 AP English Lit. AP English Language ERWC English 1A & 1B Other English
Biology Honors Biology AG Biology/Ornamental Princpls Biomedical (Part 1)	Chemistry Honors Chemistry AG Soil Chemistry Integrated Sci 2A Human Body Systems. (Part 2)	Physics AP Physics AP Biology AP Chemistry Ag Systems Mngmt. w/ Ag Entrepreneurship Medical Intrvtns. (part 3)	Honors Human Anatomy Biomedical Innovts. (part 4)
Math 1 Other Math	Math 2 Other Math	Math 3 Other Math	Pre-Calculus AP Calculus AB/BC EAP Senior Math Consumer Math Statistics
Geography/Drivers Ed- Health Honors Geography	World History AP Euro History Other Social Science	US History AP US History Other Social Science	Gov/Econ AP Gov/Econ AG Gov/AG Econ Other Social Science
Performing/Fine Art	Elective	Elective	Elective
Spanish 1 French 1 Native Span. Speakers I (1/2)	Spanish 2 French 2 Native Span. Speakers II (3/4)	Spanish 3/Spanish 3 Honors French 3 Honors AP Spanish	AP Spanish French 4 Honors
Media Communication Exploring Computer Science	Elective:	Elective	Elective
Co-ed PE 9	Phys Ed. 10-12 Weight Training Beg/Inter./Adv. Dance Football Conditioning(2 pd) Basketball Conditioning Marching Band	Elective	Elective

Sierra College Academic Enrichment

The Academic Enrichment Program offers special part-time admission to Sierra College for 11th and 12th grade high school students who carry a 3.0 cumulative high school grade point average. Students can complete their Sierra College application through the College & Career Center in application workshops. See Mrs. Pierce for more information.

If granted, admission is for **one semester only**. **High School students who wish to continue their enrollment must resubmit new documents each semester.**

Sierra College course work will be reviewed, and students must carry a 2.0 minimum GPA for their college course work. Students may enroll in a maximum of two courses, for a total of 7 units. Students will receive college credit for courses completed. High School credits may also be granted, at the discretion of each high school.

Students must submit a new application for admission when they graduate from high school.

TO BE ADMITTED TO SIERRA COMMUNITY COLLEGE while in high school, you must do the following.

Students must meet all of the following:

- be at least 15 years of age
- have completed the tenth grade
- have a 3.0 GPA or higher
- have assessed into the appropriate transfer level courses
 - English
 - Reading
 - Mathematics (if required for course placement). If the college course does not have a specific mathematics requirement then they just have to have the appropriate college level English and reading requirement.

In order to be admitted as an Academic Enrichment student, a student must be attending a high school which has a current Academic Enrichment Compliance Form on file in the Admissions Office or students who are home schooled or attend a charter school must have an affidavit indicating they are legally home schooled or attending a charter school. Students will be unable to enroll in pre-collegiate courses and some other course based on health and safety considerations.

The student must submit the following documents to the Admissions Office:

- a completed Sierra College application (completed online).
- a completed Academic Enrichment Permission Form – available from the college website.
- an official high school transcripts.

College Entrance Exams

Generally, four-year colleges require either the ACT or the SAT Reasoning Test. Most colleges require that all testing be completed by the end of December of the student's senior year, although it is advisable to complete testing earlier. It is recommended that most-college bound students take the PSAT both as a sophomore and as a junior. All college-bound students should take the PSAT as a junior.

PSAT/NMSQT (PRELIMINARY SCHOLASTIC APTITUDE TEST/ NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST)

Students are provided the opportunity to take the PSAT test annually, and juniors are particularly encouraged to do so. The PSAT is administered only once a year on a date in October that is predetermined by the College Board. This test prepares students for the SAT Reasoning Test and is also used to qualify junior students for the National Merit Scholarship. Students register for this test on campus.

SAT Reasoning Test and SAT Subject Tests: www.collegeboard.com

The SAT Reasoning Exam tests in the areas of math, reading and writing. Colleges will use the best score from a single test date for students who repeat the test.

SAT Subject Tests are subject specific test of one hour each. Students may take up to three tests on a single test date. The University of California while no longer requiring subject tests for freshman admissions will still use scores from Subject Tests as additional information to aide in admission decisions. Some degree majors will still require Subject Test (check with the specific university department). It is recommended that students take the SAT Subject Test immediately after study is completed in a particular subject.

Community colleges do not require these entrance examinations but do require some students to take assessment/placement tests in Mathematics and English and Reading. Exemptions from the placement exam varies by campus. For more information please see the College and Career Specialist.

<i><u>TEST DATE</u></i>	<i><u>TEST(S) OFFERED</u></i>
August 25, 2018	SAT Reasoning & Subject Tests
October 6, 2018	SAT Reasoning & Subject Tests
November 3, 2018	SAT Reasoning & Subject Tests
December 1, 2018	SAT Reasoning & Subject Tests
March 9, 2019	SAT Reasoning Test Only
May 4, 2019	SAT Reasoning & Subject Tests
June 1, 2019	SAT Reasoning & Subject Tests

ACT: www.actstudent.org

The ACT Exam tests in four areas: math, reading, science reasoning and writing. (It is advised to take the optional essay section to meet some colleges' admission requirements.)

TEST DATES

September 8, 2018
October 27, 2018
December 8, 2018
February 9, 2019
April 13, 2019
June 8, 2019
July 13, 2019

Registration deadlines are generally a month before the test date. Check website for registration deadline dates: www.actstudent.org

General College Information Sources

College Applications for both the University of California and California State Universities must be submitted during the month of November and are available online.

University of California – <http://www.universityofcalifornia.edu/admissions/>

Highlights: Online application; contains links to all UC campuses

California State University - <https://www2.calstate.edu/apply>

Highlights: Online applications; contains links to all CSU campuses

Sierra College - <http://www.sierracollege.edu/>

Highlights: Calendar; general info; schedule of classes

The College Board - <http://www.collegeboard.com/>

Highlights: Register for the SAT online; SAT test question of the day; My College Quick Start; Colleges Search; financial aid estimator

Financial Aid Information Pages – www.finaid.org & www.icanaffordcollege.com & www.fafsa.ed.gov

Highlights: General financial aid information; estimated family contribution calculators; Scholarship search; frequently asked questions; financial aid myths

College/Career Planning – www.californiacolleges.edu

Highlights: Explores colleges and careers; plan and pay for college; college admissions and more

SCHEDULE CHANGE PROCESS

It is essential that all students put serious consideration into their course selections during the spring registration process. It is important to understand that when a student changes a class, it affects other students' classes and teachers. Because of this, the following schedule change policy has been established to minimize student movement once classes have been established:

During the first week of a semester, students must prove a compelling need in order to petition for any schedule changes. Even with a compelling need, administration is unable to grant most student schedule change requests once the semester has started. All seniors must take at least six classes per semester.

Withdrawal Policy- A "W" can be issued in a class until progress grade, after which the grade will be an F grade.

COLLEGE & CAREER EDUCATION PATHWAYS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4
Biomedical Pathway	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovations
Agricultural Mechanics Pathway -Welding & Diesel	Introduction to Agricultural Mechanics/Welding	- Welding & Metal Fabrication 1 -Diesel Engine Mechanics 110 -Diesel Technology Basics 100	-Welding & Metal Fabrication 2 -Diesel Engine Mechanics 110 -Diesel Technology Basics 100	- Internship - Welding & Metal Fabrication 3
Media Arts Pathway	Media Communication	-Media Communication -Photography -Video Production -Graphic Art & Animation -Yearbook -Digital Audio -Comp. Journalism	-Photography -Comp. Journalism -Video Production -Advanced Photography -Graphic Art & Animation -Yearbook -Digital Audio	-Comp. Journalism -Advanced Video Production -Adv. Photo -Graphic Art & Animation -Yearbook -Digital Audio -Internship
Information Communication Tech.(ICT) Pathway	Exploring Computer Science	IT Essentials	Networking (2019-2020)	
Systems Programming Pathway	Exploring Computer Science	Computer Science Discoveries	AP Computer Science Principles	
Engineering Pathway	Introduction to Engineering Design (IED)	Computer Integrated Manufacturing (CIM)	Principles of Engineering (POE)	-Engineering Design & Development (EDD) -Internship
Sustainable Agriculture Pathway (Science)	Sustainable Agricultural Biology/Ornamental Horticulture	Agricultural & Soil Chemistry	-AgriScience Systems Management w/Ag Entrepreneurship	
Agricultural Business Pathway		Agricultural Leadership	-AgriScience Systems Management w/Ag Entrepreneurship	AG Economics & Government
Floral Design Pathway	Floral Design	Advanced Floral Design	Floral Design Internship	
Animal Science Pathway				CTE Works Int. Animal Science

COURSE OFFERINGS

◆ SOCIAL STUDIES ◆ “a” Requirement

MODERN WORLD HISTORY – 651510

Graduation Credit: History/Social Science

Prerequisite: None

***A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

AP EUROPEAN HISTORY – 651509

Graduation Credit: History/Social Science

Prerequisite: Strong writing skills and time management skills. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

The AP European History course focuses on developing students’ understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by

historians when they study the past. The course also provides six themes (Interaction of Europe and the World, Poverty and Prosperity, Objective Knowledge and Subjective Visions, States and Other Institutions of Power, Individual and Society, and National and European Identity) that students explore throughout the course in order to make connections among historical developments in different times and places.

US HISTORY – 657300

Graduation Credit: History/Social Science

Grade: 11

Prerequisite: None

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

A course requirement for juniors providing a general survey of the 20th century American History with emphasis being shared between both foreign and domestic policies. Included will be a study of geography and its impact on history.

AP US HISTORY – 657298

Graduation Credit: History/Social Science

Prerequisite: 3.0 GPA & Teacher Approval. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

A course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and material in United States History. The course prepares students for intermediate and advanced college courses by making demands on them equivalent to those made by full-year introductory college courses. In May the 3 ¼ hour AP test will be given and with a score of “3” a student may earn College credit for this course.

AMERICAN GOVERNMENT – 657400

Graduation Credit: History/Social Science

Note: A senior required course

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

This class will cover the founding of our republic, types of government, government’s function, citizenship, politics and political parties and their origins, elections, electoral college, interest groups, Federalist papers, Declaration of Independence, the Federal government constitution, legislative branch, executive branch, executive branch and the bureaucracy, judicial branch, state government county and local governments, special district, civic vocabulary, and civil rights.

ECONOMICS – 651708

Graduation Credit: History/Social Science

Note: A senior required course

*** A-G college approved for the CSU/UC systems “g” requirement**

Course Description:

This is a one semester course is required of seniors and will consist of the following topics: Reading charts and graphs, comparing and explaining economic systems Capitalism, Communism, Socialism, economic periods and problems, money and government policy, government and the economy, the consumer, types of businesses, investing in business, labor, stock market, retirement planning, taxes and insurance.

AP GOVT. & POLITICS/ECONOMICS – 657402

Graduation Credit: History/Social Science

Prerequisite: Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

This yearlong course is a study of federal, state, local and tribal governments designed to give students a critical perspective on government and politics in the United States as well as introduce the basics of Economics. This course will involve the study of general concepts and analyses of specific case studies as they pertain to the interpretation of

American government and politics. Students will become familiar with the various institutions, groups, beliefs and ideas that comprise the American political reality. A major emphasis of the course will be preparation for the College Board examination scheduled in May. Students will only be testing in Government and Politics for the College Board Examination. This course will also fulfill the United States Government credit required for graduation and the Economics requirement as well.

AG GOVERNMENT & AG ECONOMICS – 650000

Graduation Credit: History/Social Science

Pathway: Agricultural Business

Prerequisite: Any agriculture class or teacher approval.

Note: A senior required course

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

This class is designed for the senior agriculture student to meet LHS graduation requirements for Economics and American government. This course will focus on principles of agribusiness management including: business structure, supply and demand, record keeping, the importance of agriculture, governmental processes and how they affect the industry of agriculture at the local, state and national level.

INTRODUCTION TO COMPARATIVE POLITICS – 657401

Graduation Credit: Elective

Prerequisite: None

*** A-G college approved for the CSU/UC systems “g” requirement**

Course Description:

This course focuses on various aspects of political theory. We will cover a variety of themes including the state, nationalism and ethnic politics, democracy, electoral systems, political economy, civil society, transitions to democracy, and the politics of development. This course aims not only to enhance your understanding of these critical topics, but also to broaden your knowledge of specific countries around the world as well as

exploring the American political system as a point of reference for comparison.

HISTORY OF CINEMA – 800022

Graduation Credit: Elective

Prerequisite: None

Course Description:

History of Cinema is a yearlong elective course which focuses on creating student appreciation and knowledge of the last ten decades of film. The course explores many of the essential concepts and genres which film entails. Students are exposed to a number of genres and styles. These include, but are not limited to: The Silent Era, Musicals, Film Noir, Science Fiction, Horror, Drama, Action/Adventure, Mystery/Suspense, and Documentary. In addition, students will study and contrast the efforts of landmark directors of the 20th century. These directors include Alfred Hitchcock, Akira Kurasawa, Ridley Scott, Ingmar Bergman, Francis Ford Coppola, and Martin Scorsese. As part of the coursework, students will be required to write a number of movie reviews, as well as compare with professional reviews, such as those written by Roger Ebert and Pauline Kael. History of Cinema is not confined to a study of Hollywood film, per se, or American film in general. Rather, it is an overall look at film as a medium, how film has portrayed different times in history, from different perspectives, and from various cultures.

HISTORY THRU FILM – 800030

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only

*** A-G college approved for the CSU/UC systems “g” requirement**

Course Description:

This class requires parent permission. Some movies are PG13 and R rated movies. We will study time periods, major events, and iconic people. Topics span from Mythology through Current Events. Attendance is critical and missed classes will penalize grades. Students take notes, deliver project presentations, and write reflections. History VS. Hollywood.

WARNING!! We will be watching lots of movies.

GEOGRAPHY – 608017

Graduation Credit: History/Social Science

Prerequisite: None, but highly recommended when taking AP social science courses

*** A-G college approved for the CSU/UC systems “a” requirement**

Course Description:

Designed for general level and college prep freshman, this course serves as an introduction into World History. Following the national standards for geography, this course focuses on the unique characteristics of regions from a geographic perspective, as well as the characteristics, distribution and contributions of the culture of those regions. Students will develop an understanding and an appreciation of the ways in which natural events, economics, cultures and other aspects of world regions interact. An emphasis will be on defining the global citizens through awareness of contemporary issues such as world trade, terrorism, pollution, and conservation of world resources.

HONORS GEOGRAPHY – 608016

Graduation Credit: History/Social Science

Prerequisite: Students must earn a C or higher in both English and Social Science in 8th grade. Freshman only course. Students are required to submit AP/Honors Application

***PENDING A-G approval for the CSU/UC systems “a” requirement**

Course Description:

This course is designed for students who desire a rigorous and accelerated study of geography with an emphasis on understanding current events. The focus of the course is applying geography to better understand our complex and ever-changing world. Particular attention will be paid to how we organize our world, exploring the relationship between people and the environment, and applying geography skills to better understand current events, including recent and ongoing wars and military conflicts, resource scarcity and distribution, and globalization.

HEALTH/DRIVERS EDUCATION – 651501

Graduation Credit: Health/Drivers Ed.

Prerequisite: None

Course Description:

Health will be a one trimester required class. Units will include family life education, peer court and emotional, mental, social, & physical health issues. This semester class will be offered in the freshmen or sophomore year. It will include Driver's Education and Drug Education. Students passing this class will receive the "pink" slip to start the process of driving with a permit.

PSYCHOLOGY /SOCIOLOGY- 657305

Graduation Credit: Elective

Prerequisite: None

*** A-G college approved for the CSU/UC systems "g" requirement**

Course Description:

This course is divided into two parts. Students will study sociology for one semester and psychology for one semester. Sociology is the study of human society and social behavior. Sociologists concentrate their attention on social interactions--the ways in which people relate to one another and influence each other's behavior. The study of sociology provides you with the tools to develop a sociological imagination, or the ability to see the connection between the larger social world and your personal life. This course will look at a variety of social issues, their causes, and their consequences. Psychology is the systematic study of behavior and mental processes. Students will explore topics such as learning, cognition, personality, consciousness, life span development, abnormal behavior and social psychology.

AP PSYCHOLOGY - 657303

Graduation Credit: Elective

Prerequisite: Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems "g" requirement**

Course Description:

The purpose of AP® Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other

animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

◆ ENGLISH ◆ "b" Requirement

ENGLISH 9 – 201008

Graduation Credit: English

Prerequisite: None

*** A-G college approved for the CSU/UC systems "b" requirement**

Course Description:

CP English 9 is a year-long integrated language arts course for freshmen based on California's Common Core Standards. Students will study short stories, plays, novels, speeches, poetry, and non-fiction works as the basis for critical reading, critical writing, and critical thinking. Students will develop oral communication skills through class discussions, group work, and class presentations. Students will study an intensive curriculum focusing on analytical writing using Study Sync. Study Sync is a cross-curricular, core literacy program with hundreds of texts, dynamic video and multimedia lessons guaranteed to inspire and advance reading, writing, critical thinking, speaking and listening skills to prepare students for college and careers. Students will prepare for the SBAC given in the Junior year in order to better demonstrate and prepare for college exams

HONORS ENGLISH 9 – 201013

Graduation Credit: English

Prerequisite: C or better in 8th grade English

*** A-G college approved for the CSU/UC systems "b" requirement**

Course Description:

Honors English 9 is an accelerated course that covers the majority of CP English 9 content, activities, and assessments, is based on California's Common Core Standards, prepares students for AP English courses and earns students honors credit for the

University of California system. The honors level course adds summer reading, online discussion boards, an additional 500 pages of outside reading from a classic novel, and one additional unit each semester.

ENGLISH 10 – 201011

Graduation Credit: English

Prerequisite: None

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

CP English 10 is a year-long literature based course for sophomores based on California’s Common Core Standards. Students will continue the study of the novel, drama, poetry, short stories, and non-fiction works; study of all literary forms will include building vocabulary skills within context of literature, recognizing effectiveness of literary devices, and understanding the author’s purpose and meaning in his/her writing. Students will develop oral communication skills through class discussions, group work, oral projects, and reinforced grammar skills. Students will learn to write structured essays with an emphasis on evidence, which includes a *CSU’s Expository Reading and Writing Course (ERWC)* research unit. Students will prepare for the SBAC given in the Junior year in order to better demonstrate and prepare for college exams.

HONORS ENGLISH 10 – 201014

Graduation Credit: English

Prerequisite: Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

Honors English 10 is an accelerated year long, rigorous, integrated language arts course that covers the majority of CP English 10 content, activities, and assessments, is based on California’s Common Core Standards, prepares students for AP English courses, and earns students honors credit for the University of California system. The honors level course emphasizes the study of literary masterpieces that are part of classic culture, adds summer reading and additional

outside reading requirements, expands knowledge of literary terms, themes, vocabulary, and the writing process, includes intensive vocabulary and grammar assignments, and an intensive writing curriculum which encompasses a research unit, literary analysis essays, and preparatory work with Early Assessment Program (EAP) exam.

ENGLISH 11 – 201034

Graduation Credit: English

Prerequisite: None

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

CP English 11 is a year-long literature and composition course based on California’s Common Core Standards that focuses on American literature and the extensive process of research. Students will study pieces of literature and text that are key to American literary movements from a variety of time periods; these pieces include narratives, speeches, essays, poems, short stories, a play, and a novel. Students will develop oral communication skills through class discussions, group work, and class presentations. Students will conduct research on an American topic and write a substantive argumentative paper on the topic. Students will prepare for the California Assessment of Student Performance and Progress so that they can demonstrate college preparedness on the exam in the spring.

ENGLISH 12 – 201044

Graduation Credit: English

Prerequisite: None

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

The English 12 is a year-long college preparatory English course for high school seniors. It Aligns with California’s Common Core Standards, addresses critical reading and writing skills, And prepares students to meet the expectations of college and career. Course assignments are organized into modules; based mainly on non-fiction texts; and emphasize an in-depth study of

expository, analytical, and argumentative reading and writing. Units may include the following: writing a profile essay; expository reading and writing; satire; survey of British Literature; a short story/poetry unit and project based learning assignments.

ERWC ENGLISH 12 – 201043

Graduation Credit: English

Prerequisite: None

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

The Expository Reading and Writing Course (ERWC) is a year-long college preparatory English course for high school seniors. The ERWC aligns with California’s Common Core Standards, addresses critical reading and writing problems identified by the CSU English Placement Test Committee, and prepares students to meet the expectations of college and university faculty. Course assignments are organized into modules; based mainly on non-fiction texts; and emphasize an in-depth study of expository, analytical, and argumentative reading and writing. Units may include the following: writing a profile essay; expository reading and writing; satire; survey of British Literature; a short story/poetry unit and project based learning assignments.

Any juniors who enroll in an AP English course (either AP English Language or AP English Literature) will be expected to either take the other AP English course as a senior, or to take Sierra College English 1A & 1B(if offered) as a senior. Juniors who enroll in AP English as a junior will not be allowed to enroll in English 12 as a senior without administrator approval.

AP ENGLISH LITERATURE & COMPOSITION – 200006

Graduation Credit: English

Prerequisite: Recommended students take Honors English 9 and Honors English 10, but not required. Recommended C or better in

previous English courses. Students are required to submit AP/Honors Application.

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

AP English Lit and Comp is an accelerated year-long literature and composition course that focuses on preparing students for success on its Advanced Placement exam, is based on California’s Common Core Standards, and earns students honors credit for the University of California system. Students will study works of literary merit from a variety of time periods that are key to literature’s development, specifically British and American literature. These pieces include significant focus on plays, novels and poetry; additionally, short stories, narratives, speeches, and essays may be studied. Students will develop oral communication skills through class discussions, group work, and class presentations. Students will prepare for the AP exam by taking a variety of practice exams and writing multiple practice essays. A student earning scores of 3, 4, or 5 on the AP Exam may earn up to 6 college credits.

AP ENGLISH LANGUAGE & COMPOSITION – 200004

Graduation Credit: English

Prerequisite: Recommended students take Honors English 9 and Honors English 10, but not required. Recommended C or better in previous English courses. Students are required to submit AP/Honors Application.

*** A-G college approved for the CSU/UC systems “b” requirement**

Course Description:

AP English Lang and Comp is an accelerated year-long critical thinking, reading and writing course that focuses on preparing students for success on its Advanced Placement exam, is based on California’s Common Core Standards, and earns students honors credit for the University of California system. Students will study works of non-fiction and expository pieces from a variety of time periods and world cultures. These pieces include essays, speeches, advertisements, memoirs, biographies, historical documents, and various charts and

diagrams. Students will develop oral communication skills through class discussions, group work, and class presentations. Students will prepare for the AP exam by taking a variety of practice exams and writing multiple practice essays. A student earning scores of 3, 4, or 5 on the AP Exam may earn up to 6 college credits.

ENGLISH 1A & 1B - 201047

Graduation Credit: English

Prerequisite: Seniors Only. Sierra College Placement Tool. **Follow this link:**

<https://www.sierracollege.edu/student-services/assessment/placement-tool/>

*** DUAL CREDIT COURSE WITH SIERRA COLLEGE**

***PENDING A-G approval for the CSU/UC systems "b" requirement**

Course Description:

English 1A: Introduction to Composition (Sierra College) writing, reading and critical thinking skills necessary for successful completion of a four-year college program. Includes reading, discussion, and analysis of selected non-fiction texts. Writing assignments teach students to summarize, explain, analyze, synthesize and organize information in research, MLA documentation and completion of a fully-documented paper using multiple sources.

English 1B: Critical thinking and writing about literature (Sierra College). Develops critical thinking, reading, and writing skills applicable to the analysis of prose, poetry, drama, and criticism from diverse cultural sources and perspectives. Emphasis on the techniques and principles of effective written argument, formal writing and some research.

EL SUPPORT - 201070

Graduation Credit: Elective

Prerequisite: ELD Students

Course Description:

EL Support 3-1 is an intensive course in reading and writing applications designed to enhance communication skills in the interpretation and expression of academic English for beginners. Under the guidelines of both the Common Core Reading/Language Arts and English Language

Development Frameworks for California Public Schools, ELD course curriculum reflects expectations of academic competence related, but not limited to narration, explanation, argumentation, or informative description. In addition, classroom activities promote collaborative engagement in both spoken and written academic discourse so as to stimulate and challenge a student's ability to think, speak, read, and write with critical acuity. The focus of EL Support involves the comprehension and application of techniques in the management of reading and writing strategies, wherein the ultimate goal is to proficiently demonstrate spoken academic English language conventions through various formal oral presentations, as well as written conventions through the composition of major essays, research papers and/or special projects.

ELD 9/10 - 201079

Graduation Credit: Elective

Prerequisite: ELD Students

Course Description:

ELD 9/10 is a year-long English Language Development course with an emphasis on SDAIE strategies to provide access to English 9 and English 10 curriculum. It is based on the California's Common Core Standards as they are being taught in their core English course, with the addition of ELD 9/10 Standards. Students will study short stories, plays, novels, poetry, and non-fiction works as the basis for critical reading, critical writing, and critical thinking. Students will develop oral communication skills through class discussions, group work, and class presentations. Students will study an intensive writing curriculum focusing on analytical writing and the CSU's Expository Reading and Writing Course (ERWC). Students will prepare for Junior year's Smarter Balanced Assessment Consortium (SBAC) exam and the new ELPAC test so that they can demonstrate college preparedness on these exams.

ELD 11/12 - 201080

Graduation Credit: Elective

Prerequisite: ELD Students

Course Description:

ELD 11/12 is a year-long English Language Development course with an emphasis on SDAIE strategies to provide access to English 9 and English 10 curriculum. It is based on the California's Common Core Standards as they are being taught in their core English course, with the addition of ELD 9/10 Standards. Students will study short stories, plays, novels, poetry, and non-fiction works as the basis for critical reading, critical writing, and critical thinking. Students will develop oral communication skills through class discussions, group work, and class presentations. Students will study an intensive writing curriculum focusing on analytical writing and the CSU's Expository Reading and Writing Course (ERWC). Students will prepare for Junior year's Smarter Balanced Assessment Consortium (SBAC) exam and the new ELPAC test so that they can demonstrate college preparedness on these exams.

◆ MATHEMATICS ◆ “c” Requirement

The Standards for Mathematical Practice are Common Core Standards that describe varieties of expertise that students must develop *in all classes*. The Standards for Mathematical Practice are:

- **SMP #1** – Make sense of problems and persevere in solving them.
- **SMP #2** – Reason abstractly and quantitatively.
- **SMP #3** – Construct viable arguments and critique the reasoning of others.
- **SMP #4** – Model with mathematics.
- **SMP #5** – Use appropriate tools strategically.
- **SMP #6** – Attend to precision.
- **SMP #7** – Look for and make use of structure.

- **SMP #8** – Look for and express regularity in repeated reasoning.

***Students may only take Consumer Math or EAP Math during their Senior year.**

MATH 1 - 402021

Graduation Credit: Math

Prerequisite: None

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

This two semester course covers the Common Core State Standards for Mathematics 1. Students will study Relationships between Quantities, Linear and Exponential Relationships, Reasoning with Equations, Descriptive Statistics, Congruence, Proof, and Constructions, Connecting Algebra and Geometry through Coordinates.

MATH 2 - 402022

Graduation Credit: Math

Prerequisite: Student must earn a passing grade in Math 1

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

This two semester course covers the Common Core State Standards for Mathematics 2. Students will study Proofs, Properties of triangles, Similarity/Congruence through transformations, Congruence theorems, properties of quadrilaterals, Trigonometry, Circles, Arcs and sectors of circles, Three-dimensional figures, Introduction to quadratic functions, quadratics, functions, polynomials, Solving quadratics and probability.

MATH 3 - 402045

Graduation Credit: Math

Prerequisite: Student must earn a passing grade in Math 2

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

This two semester course covers the Common Core State Standards for Math 3. Students will interpret data in normal distributions; make inference and justify

conclusions; search for patterns; study quadratic, rational, radical, polynomial, exponential, and logarithmic functions, expressions, and equations; and compute arithmetic and geometric sequences and series.

PRECALCULUS - 405445

Graduation Credit: Math

Prerequisite: Student must earn a passing grade in Math 3

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

In this two-semester course students study linear, quadratic, polynomial, rational, inverse, trigonometric, exponential, and logarithmic functions as well as parametric equations, trigonometry and polar coordinates.

AP CALCULUS AB- 405444

AP CALCULUS BC - 405443

Graduation Credit: Math

Prerequisite: Student must earn a passing grade in PreCalculus. Students are required to submit AP/Honors Application

Fall Term: AB Everyday (students register for 2 periods)

Spring Term: BC Everyday (students register for 2 periods)

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

This year course covers three quarters of college-level differential and integral calculus and its applications. Students will be preparing to take the Advanced Placement test in Mathematics; Calculus AB/BC. Students scoring 3 or higher on the AP exam will earn college credit from the participating colleges.

STATISTICS – 402030

Graduation Credit: Math

Prerequisite: Math 3

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

Statistics is a one year (two semester) course that teaches students how to gather, explore, interpret, and present data in professionally

appropriate ways. Students will accomplish these goals through several solo and group designed observational studies and experiments. This class covers much of college statistics and will prepare you well for such courses.

CONSUMER MATH - 405050

Graduation Credit: Math

Grades: 12

Prerequisite: Counselor recommendation and Administration Approval

Course Description:

This math class presents the fundamental concepts and skills required in a technological society. This course emphasizes mathematical applications and uses a hands-on instructional approach. Class can be taken senior year to complete the 3- year math credit requirement.

EAP SENIOR MATH - 402033

Graduation Credit: Math

Grades: 12

Prerequisite: C or better in Math 3

*** A-G college approved for the CSU/UC systems “c” requirement**

Course Description:

This course is designed to strengthen the mathematical foundation to prepare students to be successful in college level math. The goal of the course is to deepen conceptual understandings of mathematical theory, skills and strategies. The course is designed to incorporate National Common Core Standards for Mathematical Practice and is aligned with specific high school standards listed in the California Common Core. Utilizing practical life applications this course serves both college and career bound High School Seniors.

◆ SCIENCE ◆
“d” Requirement

INTEGRATED SCIENCE 2A- 565004

Graduation Credit: Physical Science

Prerequisite: Counselor recommendation and Administration Approval

Course Description:

The main focus of this class is on the field of life and earth sciences such as taxonomy, astronomy, and weather along with other branches of science in small detail. This course does not meet the UC/CSU entrance requirement for Laboratory Science. It meets the second year of the Lincoln High School graduation requirement for a physical science.

BIOLOGY- 565004

Graduation Credit: Life Science

Prerequisite: None

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This is a college preparatory course that requires systematic observation in laboratory work and the design and use of scientific models by the student to explain biological phenomenon.

HONORS BIOLOGY- 553043

Graduation Credit: Life Science

Prerequisite: Teacher recommendation and students are required to submit the AP/Honors Application.

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This course will cover the same material as Biology, but in a different format. Homework, class discussions, and testing will require essays consisting of inquiry and synthesis type questions. Presentation of material will be oriented for the college bound “science” student. Four individual biological readings will be required.

SUSTAINABLE AG BIOLOGY- 553021

Graduation Credit: Life Science

Pathway: Sustainable Agriculture

Prerequisite: None

Note: Class must be taken in conjunction with Intro. to Ornamental Horticulture.

***DUAL CREDIT COURSE w/SIERRA COLLEGE**

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

Agricultural Biology courses apply biological principles and understanding to plant and

animal science in order to produce or refine agricultural products. Course topics typically include but are not limited to microbiology, genetics, growth and reproduction, structural basis of function in living systems, chemistry of living systems, quantitative problem-solving, and data acquisition and display. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. A course designed for agriculture students. The course will cover biological principals and practical applications in agriculture. This class is taught at the school farm and taken in conjunction with Special Projects class. Science fair projects will be completed by all students.

INTRODUCTION TO ORNAMENTAL HORTICULTURE- 556442

Graduation Credit: Elective

Pathway: Sustainable Agriculture

Prerequisite: None

Note: Class must be taken in conjunction with Sustainable AG Biology.

Course Description:

This course exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. They provide information regarding the care and propagation of plants, flowers, trees, and shrubs, but place a special emphasis on vegetable production. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control.

AP BIOLOGY- 553044

Graduation Credit: Life Science

Prerequisite: B grade or better in biology. (Instructor approval is required for grades of less than “B”) Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This course is designed as an intensive study of the biological sciences and is equivalent to the course material that would be taught in a college-level freshman biology course.

This course will prepare students who plan to be biology majors at college and/or take the advanced-placement exam to earn credits for a college science course. Students will cover the following topics: Biochemistry, survey of plants, animal anatomy/physiology, population biology and genetics, botany, and ecology.

CHEMISTRY- 606310

Graduation Credit: Physical Science

Prerequisite: Grade of C or better in Biology and Math 1.

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This course is with an experimental approach to how and why chemical and physical reactions occur. The course includes atomic structure, use of the Periodic Table of Elements, use of oxidation numbers to write formulas, naming compounds, molecular theory and types of chemical reactions. In addition, the course will include electron configuration, chemical bonding, molecular structure, kinetic theory, gases and the mole, balancing equations, chemical equilibrium and acid-based reactions.

HONORS CHEMISTRY- 606314

Graduation Credit: Physical Science

Prerequisite: Teacher approval. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This is a first-year chemistry course for students hoping to take Advanced Placement science courses. Honors Chemistry uses the same text as the regular college-prep Chemistry course but there is more breadth and depth to the curriculum. Students are expected to be inquisitive, diligent and creative. Group work in the lab is a requirement.

AP CHEMISTRY- 606312

Graduation Credit: Physical Science

Prerequisite: One year of Chemistry or Honors Chemistry and teacher approval.

Students are required to submit AP/Honors Application

***Course is offered every other year**

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

Advanced Placement Chemistry is equivalent to a first-year college chemistry course, and it is taught as such. In AP Chemistry, students will gain the knowledge and skills necessary to pass the AP test with a score of 3, 4, or 5. This entails a substantial commitment to homework assignments, lab work, and studying. The hands-on experience in the lab is a vital part of this course. By the end of the course students will master lab skills including physical manipulation of instruments and glassware; understand and follow all safety procedures; gain proficiency in methods of data collection and analysis; and properly record data in the lab notebook.

AG & SOIL CHEMISTRY- 606316

Graduation Credit: Physical Science

Pathway: Sustainable Agriculture

Prerequisite: Grade of C or better in Biology and Math 1.

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an AgriScience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an AgriScience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative

data, and forming a conclusion based on analysis of the data. The result of this research program is an in depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. Throughout the course, students are graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

AGRISCIENCE SYSTEMS MANAGEMENT - 802022

Graduation Credit: Interdisciplinary Science

Pathway: Sustainable Agriculture

Prerequisite: Ag Bio and Ag Chemistry

***Class must be taken in conjunction with Ag Entrepreneurship**

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, including the chemical and biological principles that govern plant science and crop production, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an AgriScience experimental research project in which students design and conduct an experiment to solve a relevant agricultural issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

PHYSICS - 802022

Graduation Credit: Physical Science

Prerequisite: C or better in Math 2 or teacher approval. Chemistry is strongly recommended.

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This course develops an understanding of the basic laws of physics. It gives the students the opportunity to reason, learn to express their thoughts clearly, and to be able to follow the development of ideas presented by others. The major topics include motion, energy, light and heat. Problem solving and laboratory experiments will be used extensively to sharpen the student’s skills as observers and experimenters. This course is strongly recommended for students who are planning or considering careers related to chemistry, biology, medical sciences, and engineering. This course may not be repeated for credit.

AP PHYSICS - 606323

Graduation Credit: Physical Science

Prerequisite: Completed Pre-calculus or concurrent enrollment in Pre-calculus. Or Completed Physics with a grade of a B or better. Students are required to submit AP/Honors Application

***Course is offered every other year**

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

Advanced Placement Physics is a rigorous, college level course that demands considerable time and effort of the students. The course designed to prepare the students for the AP Exam B in Physics. Student selecting AP Physics should have an exceptional background in mathematics, including a previous or concurrent course in calculus. Computers, computer interfacing equipment and other technologies are used extensively in the course. Rather than a superficial, encyclopedic coverage of many detailed topics, AP Physics concentrates on the basic principles of physics and their applications.

HONORS ANATOMY - 556301

Graduation Credit: Life Science

Prerequisite: Grade of B or better in Honors Biology and a grade of B or better in Chemistry or Honors Chemistry OR an A in CP Biology and teacher approval. Students are required to submit AP/Honors Application.

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This class is an intensive lecture and laboratory class stressing comparative anatomy. Areas of emphasis include tissues, skeletal, muscular, circulatory, digestive, respiratory, urinary, and endocrine systems. Preserved specimens will be used for comparative study. Case studies and written papers will address medical complications and disorders of the body systems covered.

NATURAL HISTORY - 556340

Graduation Credit: Elective

Prerequisite: Pass biology or Ag. Science II with a C or better.

*** A-G college approved for the CSU/UC systems “g” elective requirement**

Course Description:

This class is a lecture, lab and field study course including life cycles, characteristics, identification and their relationship to man, of insects, fish, amphibians, reptiles, birds and mammals. This course is an ecological study of life zones, pollution, land uses and water systems. The class at the farm once a week and twice a week at the high school.

PRINCIPLES OF BIOMEDICAL SCIENCES - 553017

Graduation Credit: Life Science

Pathway: Biomedical

Prerequisite: Grades of B or better in BOTH 7th and 8th grade science courses AND successful completion of the LHS Biomedical Sciences Pathway Application – available in the spring semester.

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to

determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

HUMAN BODY SYSTEMS - 354362

Graduation Credit: Life Science

Pathway: Biomedical

Prerequisite: C or better in Principles of Biomedical Sciences

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

This course is designed to be the second in progression of the PLTW Biomedical Sciences Pathway. In this course, students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

MEDICAL INTERVENTIONS – 553020

Graduation Credit: Life Science

Pathway: Biomedical

Prerequisite: C or better in Human Body Systems

*** A-G college approved for the CSU/UC systems “d” requirement**

Course Description:

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail.

Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

BIOMEDICAL INNOVATION

Graduation Credit: Elective

Pathway: Biomedical

Prerequisite: C or better in Medical Interventions

*** A-G college approved for the CSU/UC systems “g” elective**

Course Description:

A PLTW Capstone Course

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

CSI LINCOLN – 565007

Graduation Credit: Elective

Prerequisite: Completion of 1 year of HS Science

Course Description:

Students will learn the basic techniques of crime scene processing, as well as the analysis of various types of evidence; fingerprints, hair, fiber, soil, bones, blood, and DNA. The material is presented in a variety of forms, readings, video, lecture, discussion, but mainly through hands on experience. Several labs involve solving mini mysteries. Whether you love science, enjoy solving mysteries, or are just looking for a cool elective, this is the class for you. This course does **not** meet the UC/CSU entrance requirement for Laboratory Science. It does **not** meet the first or second year of the Lincoln High School graduation requirement for science.

◆ WORLD LANGUAGE ◆ “e” Requirement

*****Biliteracy Seal*****

What is it?

This seal is an award given by California in recognition of students who have studied and attained proficiency in English and one or more languages by high school graduation. On October 8, 2011, Governor Jerry Brown signed AB 815 (Brownley) creating the Californian State Seal of Biliteracy making California the first state in the nation to honor high school seniors who demonstrate proficiency in multiple languages by affixing the State Seal of Biliteracy on their diploma or transcripts. It validates, certifies and encourages students to pursue and attain high level mastery in multiple languages.

How do I earn this additional seal on my diploma?

The eligibility requirements are:

- Completion of all English-language arts requirements for graduation with an overall GPA of 2.0
- Achieving Conditional or Exempt status on the CAASPP/SBAC assessment from grade 11
- Proficiency in one or more languages in addition to English, demonstrated through one of the following methods;
 - ✓ Passing a foreign language AP exam (Language or Literature) with a score of 3 or higher
 - ✓ 4 years of Foreign Language with overall GPA of 3.0 or above in that course of study
 - ✓ *Passing the Scholastic Assessment Test II (SAT II) foreign language examination with a score of 600 or higher

LOTE=Language Other Than English

SPANISH 1 – 253150

Graduation Credit: LOTE & Fine Art

Prerequisite: None

*** A-G college approved for the CSU/UC systems “e” requirement**

****meets part of Biliteracy Seal requirement**

Course Description:

Is a college preparatory course designed to introduce the student to the four basic skills in a foreign language: reading, writing, speaking and listening. The student learns basic Spanish grammatical structures, sentence building, and usage. In addition to learning vocabulary, students will learn to conjugate regular, irregular and reflexive verbs in the present tense and regular verbs in the preterite tense

SPANISH II – 253251

Graduation Credit: LOTE & Fine Art

Prerequisite: C or better in Spanish I or teacher approval

*** A-G college approved for the CSU/UC systems “e” requirement**

****meets part of Biliteracy Seal requirement**

Course Description:

This is a college preparatory course designed to advance the student in the four basic skills of a foreign language: reading, writing, speaking and listening. The student will gain a better understanding of basic Spanish grammatical structures, sentence building and usage, and be introduced to more advanced Spanish grammar. In addition to expanding vocabulary, students will learn to conjugate irregular and reflexive verbs in the preterite tense, and regular and irregular verbs in the imperfect tense and the present indicative tense.

SPANISH III – 253355

Graduation Credit: LOTE & Fine Art

Prerequisite: C or better in Spanish II or teacher approval

*** A-G college approved for the CSU/UC systems “e” requirement**

****meets part of Biliteracy Seal requirement**

Course Description:

Course is a continuation of Spanish II. More advanced grammar and usage are covered and, in addition, students will learn idiomatic expressions and compound tenses

as well as be introduced to the future, present perfect, and subjunctive tenses. This course prepares students who wish to continue their studies for the rigors of AP Spanish IV

HONORS SPANISH III – 253335

Graduation Credit: LOTE & Fine Art

Prerequisite: C or better in Spanish II or teacher approval. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “e” requirement**

****meets part of Biliteracy Seal requirement**

Course Description:

Course is a continuation of Spanish II. More advanced grammar and usage are covered and, in addition, students will learn idiomatic expressions and compound tenses as well as the future, present perfect, and subjunctive tenses. Additionally, Honors students will also complete the following assignments: 1) An in-depth study of the culture, history, geography, economy and demographics of a Spanish-speaking country and 2) Read, analyze and write a critique on a Spanish-language novel from the pre-approved AP Spanish Literature list. This course prepares students who wish to continue their studies for the rigors of AP Spanish IV.

AP SPANISH IV– 253356

Graduation Credit: LOTE & Fine Art

Prerequisite: C or better in Spanish III, C or better in Spanish for Native Speakers, or teacher approval. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “e” requirement**

****meets part of Biliteracy Seal requirement**

Course Description:

Is an advanced class designed to prepare students to take the Advanced Placement Spanish Language Test offered by the College Board. A score of 3 or higher on the Spanish Language A.P. test earns students college credit. All of the above grammar is reviewed and expanded upon, and the subjunctive is delved into more deeply. Vocabulary acquisition is emphasized as well.

INTEMEDATE SPANISH FOR NATIVE SPEAKERS – 253152

Graduation Credit: LOTE & Fine Art
Prerequisite: Verbally Fluent in Spanish or placement test.

*** A-G college approved for the CSU/UC systems “e” requirement – Level 2**
****meets part of Biliteracy Seal requirement**

Course Description:

A college-preparatory class for students with native-like fluency in Spanish and basic language skills who wish to develop and enhance the integrated skills of listening, speaking, reading and writing. Students will also have the opportunity to develop understanding for the Spanish and Latin American culture, including language variation, customs, geography, history, and current events. Literature/Literacy serves as a basis for both oral and written work. This class is the first part of a fast-track program for students who wish to ultimately advance to AP Spanish after 2 years.

ADVANCED SPANISH FOR NATIVE SPEAKERS – 253153

Graduation Credit: LOTE & Fine Art
Prerequisite: “C” or better grade in Intermediate Spanish for Native Speakers or teacher approval/placement test

***PENDING A-G college approval for the CSU/UC systems “e” requirement – Level 3**
****meets part of Biliteracy Seal requirement**

Course Description:

A college-preparatory class for students who have successfully completed Intermediate Spanish for Native Speakers and wish to continue to develop literacy and academic skills in their primary language.

Literature/Literacy serves as a basis for both oral and written work. Students will read, write and analyze, develop academic discussions, and expand their presentational skills. Advanced Spanish for Native Speakers is the equivalent of Spanish 3. Upon successful completion of this course, students advance to AP Spanish Language.

FRENCH I– 253100

Graduation Credit: LOTE & Fine Art
Prerequisite: None

*** A-G college approved for the CSU/UC systems “e” requirement**
****meets part of Biliteracy Seal requirement**

Course Description:

This is a college preparatory course designed to introduce the student to the four basic skills of a foreign language: reading, writing, listening, and speaking. The student learns the basics of French grammatical structures, sentence building, and usage. In addition to learning vocabulary, students will learn to conjugate regular and irregular verbs in the present and passé composé tenses.

FRENCH II– 253102

Graduation Credit: LOTE & Fine Art
Prerequisite: C or better in French 1 or teacher approval

*** A-G college approved for the CSU/UC systems “e” requirement**
****meets part of Biliteracy Seal requirement**

Course Description:

This is a college preparatory course designed to advance the student in the four basic skills of a foreign language: reading, writing, listening, and speaking. The student will gain a better understanding of basic French grammatical structures, sentence building, and usage, and be introduced to more advanced French grammar. In addition to expanding vocabulary, students will learn to conjugate regular, irregular, and reflexive verbs in the present, passé composé, and imperfect tenses and be introduced to the future and conditional tenses.

CP FRENCH 111 / HONORS FRENCH III– 253104

Graduation Credit: LOTE & Fine Art
Prerequisite: C or better in French II or teacher approval. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “e” requirement**
****meets part of Biliteracy Seal requirement**

Course Description:

This course is a continuation of French II. More advanced grammar and usage are covered as students will have the

opportunity to practice and master reading, writing, listening, and speaking skills. In addition to reviewing verbs in the present, passé composé, imperfect, future, and conditional tenses, students will learn to conjugate and use verbs in the compound tenses and be introduced to the subjunctive.

HONORS FRENCH IV– 253106

Graduation Credit: LOTE & Fine Art

Prerequisite: C or better in French II or teacher approval. Students are required to submit AP/Honors Application

*** A-G college approved for the CSU/UC systems “f” requirement**

****meets part of Biliteracy Seal requirement**

Course Description:

This course is designed to prepare students to take the Advanced Placement French Language Test offered by the College Board. A score of 3 or higher earns students college credit. All of the above grammar is reinforced, and the subjunctive is delved into more deeply. Vocabulary acquisition, reading and listening comprehension, and oral and written expression will be emphasized.

◆ FINE/PERFORMING ART/MUSIC ◆ “f” Requirement

ART 1 – 101100

Graduation Credit: Fine Art

Prerequisite: None

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

Through a series of projects, Art I will introduce students to art on the high school level. The class will include drawing, painting, and abstract creations, with an emphasis on building skills.

ADVANCED VISUAL ART II – 101130

Graduation Credit: Fine Art

Prerequisite: Art 1

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

This course is designed for students who are able to work independently to develop their

own creative artistic abilities within a framework and who are interested in pursuing the avenue of visual arts as a career choice.

ART III – 101113

Graduation Credit: Fine Art

Prerequisite: Adv. Art II

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

Art III is an advanced art course. The course is designed for the motivated art student interested in majoring in Art or an Art related field, or for the student wishing to investigate other art issues and media interests.

AP 2-D DESIGN - 113033

Graduation Credit: Fine Art

Prerequisite: Art III

***PENDING A-G college approval for the CSU/UC systems “f” requirement**

Course Description:

The AP Drawing Program corresponds to a college foundation course. Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation, and breadth of work. The 2-D Design portfolio addresses two-dimensional design issues and involves decision making about how to use the elements and principles of art in an integrative way. Students enrolled will demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions

AP DRAWING - 101132

Graduation Credit: Fine Art

Prerequisite: Art III

***PENDING A-G college approval for the CSU/UC systems “f” requirement**

Course Description:

The AP Drawing Program corresponds to a college foundation course. Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation, and breadth of work. The Drawing portfolio addresses issues such as line quality, light and shade, rendering of form, composition, surface manipulation,

the illusion of depth, and mark-making. Students enrolled will demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions.

CERAMICS – 101135

Graduation Credit: Fine Art

Prerequisites: Successful completion of Art 1 preferred

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

Students will learn basic and advanced methods of working with clay including hand building, sculptural and decorative techniques and throwing using a potter’s wheel. In addition, students will learn about various glazing and firing methods.

FLORAL DESIGN – 556440

Graduation Credit: Fine Art

Pathway: Floral Design

Prerequisites: None

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

Students will learn how to make living plant arrangements such as Bonsai, living topiary and living wreaths. This course will continue to introduce the retail florist business and build up the student portfolios to help prepare them for possible careers in the floral industry. This one trimester course meets fine art graduation requirement, and is considered an Ag class for FFA members.

ADVANCED FLORAL DESIGN – 556441

Graduation Credit: Fine Art

Pathway: Floral Design

Prerequisites: None

***PENDING A-G college approval for the CSU/UC systems “f” requirement**

Course Description:

This course builds on the introductory course with increased focus on the art of design, handling of cut flowers and the mechanics of floral design while including the selection of quality flowers and greens, budgeting, retail pricing and presentation. This will include how to prepare a bid for floral products and services for events as well as marketing,

sales, economics, cash flow and management of the retail and wholesale floral business. Prerequisite- MUST have passed 1 year of Floral Design with a C or better.

DRAMA – 212120

Graduation Credit: Fine Art

Prerequisite: None

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

This course is for all high school students. The emphasis of the class is to learn the art of acting. The purpose of the course is to prepare students to participate in the extra-curricular production or plays. This class may be taken all four years.

DRAMA II – 212123

Graduation Credit: Fine Art

Prerequisite: Drama and teacher approval required

Course Description:

This course is year two in the high school drama sequence. Students who successfully complete beginning drama will have a grasp of theater terminology, aesthetic perceptions, valuing, and judgment. They will also have a basic grasp of the four ingredients or theater: dramatic experience, situation, conflict, and empathy. Students in advanced drama will deepen their knowledge in these areas and they will have a yearlong focus of learning accents. They will perform extended scenes and monologues, and learn better the role of "dramaturg." Students will leave the course with the discipline and commitment required to participate in theater arts.

ADVANCED DRAMA -212122

Graduation Credit: Fine Art

Prerequisite: Drama II and teacher approval required

Course Description:

The purpose of Advanced Drama III is to provide students with a foundation in acting and stage production techniques. Students are supplied with the framework to think critically about artistic interpretation. Students engage in all production aspects

culminating in a performance product. As students attend professional productions they develop not only reflective and critical thinking skills but also an appreciation and understanding of the growth process within the foundations of acting and stage production.

PIANO/KEYBOARDING -455531

Graduation Credit: Fine Art

Prerequisite: None

Course Description:

Beginning instruction in the fundamentals of playing piano, note reading, and basic playing techniques are introduced. Designed to develop musicianship and facility. Developing skills in harmonizing a melody, playing scales, sight reading, chord inversions and repertoire. At least one in-class performance and one public performance is required.

GUITAR -455530

Graduation Credit: Fine Art

Prerequisite: None

Course Description:

Instruction in the fundamentals of guitar playing; components of instrument, reading music notations, key structure and chord structure (open position), and finger picking and strumming techniques; two and three part note reading; expanded notation and rhythmic development. At least one in class performance is required. Students must supply own instruments.

BEGINNING DANCE - 702045

Graduation Credit: Fine Art & Physical Education

Prerequisite: None

Course Description:

This Beginning Dance course will allow students to meet a portion of the general High School Arts requirement. In this course students will explore the art forms of jazz, contemporary, modern, ballet, lyrical, hip hop and choreography. Bi-weekly skills tests chart student's progress. Students will learn to collaborate with their peers when creating choreography and build confidence while

performing in small groups in front of a live audience. By understanding the history of dance and learning about different choreographers, students will be able to create their own opinion of what dance means to them.

INTERMEDIATE DANCE – 702046

Graduation Credit: Fine Art & Physical Education

Prerequisite: Beginning Dance

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

This Intermediate Dance course will allow students to meet a portion of the general High School PE requirement. In this course students will continue to explore the art forms of jazz, contemporary, modern, ballet, lyrical, hip hop and choreography in a more intermediate level. Bi-weekly skills tests chart student's progress. Students will continue to collaborate with their peers when creating choreography and build confidence while performing in small groups in front of a live audience.

ADVANCED DANCE - 702047

Graduation Credit: Fine Art & Physical Education

Prerequisite: Intermediate Dance

***PENDING A-G college approval for the CSU/UC systems "f" requirement**

Course Description:

This Advanced Dance course will allow students to meet a portion of the general High School Arts requirement. In this course students will continue to explore the art forms of jazz, contemporary, modern, ballet, lyrical, hip hop and choreography in a more advanced level. Full length dances will be created and performed focusing on performance quality dances. This course will focus more on the students creating their own choreography and becoming a choreographer. Students will continue to collaborate with their peers when creating choreography and build confidence while

performing in small groups in front of a live audience

MARCHING BAND – 455581

Graduation Credit: Fine Art & Physical Education

Prerequisite: 1 year prior band experience

***Zero period Fall Semester – 7:00am to 7:54am everyday**

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

Students in this class will learn technique, parade/field marching, and various styles and genres of music. The band attends up to five competitions, and all home football games. This is a performing ensemble that travels and does annual trips and competitions. Students receive PE credit with this elective.

JAZZ BAND – 455580

Graduation Credit: Fine Art

Prerequisite: A minimum of two years of instrumental experience on a traditional jazz instrument, instructor approval and concurrent enrollment in Concert or jazz band.

***Zero Period Spring Semester – 7:00am to 7:54am everyday**

Course Description:

The course includes the study of jazz and contemporary music styles, improvisation and provides the opportunity to perform separately and in combination with the Jazz Choir. All performances are required. Players of instruments not found in band are not required to be enrolled concurrently in Concert/Symphonic Band. However, preference will be given to students who are concurrently enrolled.

SYMPHONIC BAND – 455583

Graduation Credit: Fine Art

Prerequisite: A minimum of two years of Instrumental experience. Enrollment is by audition and teacher approval.

***Two Semester course**

Course Description:

High School Advanced Concert Band is primarily a performance-oriented class emphasis on major and minor scales, music

theory and advanced level literature. Music theory and history as they apply to individual playing techniques will also be emphasized. This band will study and perform music compositions from all periods of music. The band performs at two – four formal concerts a year, WPUUSD District Band Day, and a number of smaller events

HONORS CONCERT/SYMPHONIC BAND - 455589

Graduation Credit: Fine Art

Prerequisite: A minimum of three years of instrumental experience. Enrollment is by audition and teacher approval.

***Two Semester course**

Course Description:

High School Honors Symphonic Band is an instrumental music performance class that incorporates in-depth musical analysis, theory, composition, ear training, historical and cultural background concurrently with rehearsal and performance of traditional concert band literature. Course requires additional coursework to earn Honors credit.

CONCERT BAND – 455582

Graduation Credit: Fine Art

Prerequisite: 1 year experience on band instrument

***Two Semester course**

Course Description:

This is a band class for students with at least one year of experience. We play traditional, popular, and world music. The band performs at three - formal concerts a year, WPUUSD District Band Day, and a number of smaller events.

CONCERT CHOIR – 450000

Graduation Credit: Fine Art

Prerequisite: None

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

This is an introductory course in the development of vocal technique and music reading skills. It is designed for students interested in the pursuit of artistic singing through various styles of music. Students will receive instruction regarding components of

proper singing including: breath control, vocal projection, tone production, and diction, with an emphasis on the development of the individual singer's voice. The Chorus will perform simple to intermediate choral arrangements for LHS concerts. Performance requirements will not exceed one per trimester.

ADVANCED CONCERT CHOIR – 450001

Graduation Credit: Fine Art

Prerequisite: Audition Only

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

This is an intensive course in the development of vocal technique and music reading skills, with an emphasis on performance. This course is designed for the experienced singer. Acapella singing, in addition to historical period singing, concert, popular, folk, and sacred music will be rehearsed and performed at LHS concerts, local events, and regional music festivals. Basic music theory, ear-training, and sight singing will also be studied. Daily classroom participation and performance attendance are essential requirements for this class. After school rehearsals and performances are required. It is recommended that students remain in Concert Choir for the entire school year.

DIGITAL PHOTOGRAPHY – 651020

Graduation Credit: Fine Art & Computer Technology

Pathway: Media Arts

Prerequisite: Media Communication recommended

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

Photography is an intermediate level visual arts class focusing on digital photography. In this course, students use a DSLR to learn how to shoot on manual settings exploring all areas of the exposure triangle; aperture, shutter speed and ISO. Students explore different genres of photography and learn to develop their "eye for photography" studying composition as well as the history of photography. Students have opportunities

to print and publicly display their best work; one show each semester. The industry standard software, Adobe Photoshop and Adobe Lightroom, is also extensively explored.

ADVANCED DIGITAL PHOTOGRAPHY – 651022

Graduation Credit: Fine Art & Computer Technology

Pathway: Media Arts

Prerequisite: Digital Photography

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

Advanced Photography is a second level visual arts class focusing on digital photography and continuing the concepts from Photography 1. Students explore different genres of photography and learn to develop their "eye for photography" studying composition as well as the history of photography. Students have two opportunities to print their best work and publicly display their photos at two shows; one in each semester. The industry standard software, Adobe Photoshop and Adobe Lightroom, is also extensively explored. Students will complete a series of projects that benefit the school and community. For example students will shoot and edit images for use on the school website and work closely with local business to provide marketing materials.

AP MUSIC THEORY – 455590

Graduation Credit: Fine Art

Prerequisite: Prior LHS Music Class (band, chorus or keyboard), or private music lessons; ability to read standard music notation

***Grade Level:** 11-12

***Offered every other year**

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

This year-long course is designed to develop musical skills that will lead to a thorough understanding of music composition and music theory. The emphasis will be on the rules of theory and composition, ear training, sight singing, score analysis, and

keyboard skills. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Students are prepared to take the AP® Music Theory Exam when they have completed the course. Students planning to major in music in college may be able to enroll in an advanced music theory course, depending on individual colleges' AP policies.

VIDEO PRODUCTION – 705042

Graduation Credit: Fine Art & Computer Technology

Pathway: Media Arts

Prerequisite: None, recommend Media Communications

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

The Video Production course focuses on instruction and learning in three areas; technical skills, artistic skills, and career preparation. Students will learn to shoot, capture, edit and create video projects through the use of a state of the art equipment and computer lab. The lab includes 36 Apple iMacs, Canon DSLR cameras and a host of other sound and stage equipment for production. Students will complete a series projects throughout the year both group and individual formats. Projects may include off campus productions and the weekly production of a school bulletin. A portfolio of work will allow the students to share their work with friends and family at the end of the year.

ADVANCED VIDEO PRODUCTION - 455589

Graduation Credit: Fine Art & Computer Technology

Pathway: Media Arts

Prerequisite: Video Production

Course Description:

Students in Advanced Video Production will experience and be instructed in a new format of communication relative to the 21st Century. Students will also study the societal, economic and political impact of Television, Film and the Digital Media in our world.

Students will build on the core vocabulary and terminology of Television and Film learned in Video Production and use that knowledge to express themselves in their original writing compositions. Both individually and within a group, students will develop and create original ideas and film projects of various artistic genres. Students will develop, manage and complete projects for themselves, the school and the community. This course will continue instruction in the history of Filmmaking and Television production, including the most recent state-of-the-art digital technology. Several films, both classic and current will be reviewed in order for students to analyze and critique story, content, and shot selection.

GRAPHIC ART & ANIMATION - 704097

Graduation Credit: Fine Art & Computer Technology

Pathway: Media Arts

Prerequisite: None, recommend Media Communications

*** A-G college approved for the CSU/UC systems “f” requirement**

Course Description:

The Graphic Art & Animation is a blend of Graphic Communications and Animation. Students will use state software from Adobe Creative Cloud collection, including Photoshop, Illustrator, Premiere Pro, Flash and more. The course consists of a collection of hands on projects designed to explore and develop skills in these disciplines. Graphic communication includes electronic and traditional printing, publishing, packaging, digital imaging, computer graphics, website development, digital photography, printable electronics and related areas. The Animation part will include both technical and artistic elements involved in 2d, 3d animation and game design.

◆ COMPUTERS/VOCATIONAL ◆

MEDIA COMMUNICATION - 651019

Graduation Credit: Computer Technology

Pathway: Media Arts

Prerequisite: None

Course Description:

Media Communication is a technology class that introduces students to a variety of software and techniques used in modern day communications. Students will learn graphic design principles, typography principles and thoroughly explore Adobe Photoshop. Students will also learn video production techniques while utilizing the editing software Adobe Premiere Pro. Students will be accomplished multimedia producers with industry standard knowledge and skills that will serve them well in college or a career when they leave Media Communication.

DIGITAL AUDIO - 455533

Graduation Credit: Computer Technology

Pathway: Media Arts

Prerequisite: None

Course Description:

This course Introduces students to the theory of and practices in digital audio. The first semester describes basic background of the history of audio, culminating with hands-on operation of a digital audio workstation (DAW). Second semester this class introduces the student to Industry standard software and hardware: Digidesign ProTools, as well as related equipment, including microphones, outboard processors and basic concepts in music theory and terms are covered. Studies definitions and nomenclature for equipment and terms used in the current professional environment. Intended for students who are considering a career in music recording technology.

COMPUTER JOURNALISM - 151576

Graduation Credit: Fine Art & Computer Technology

Pathway: Media Arts

Prerequisite: Media Communication or Teacher approval. Recommended: Good

technology skill set, writing, photography or design experience

In Journalism

Course Description:

Students learn newswriting skills and gain experience in writing many different kinds of articles; news, feature, editorial, sports and entertainment. Students also learn to develop story ideas and angles, write and produce content to meet deadlines. Students learn to work collaboratively as part of a publication staff and gain experience in a variety of leadership and support roles; editor, writer, reporter, layout, design, photography, etc. Students explore and become proficient in layout and design techniques using Adobe InDesign and Photoshop, learn about the history of journalism, explore media ethics and become familiar with the industry standard AP Stylebook. The students publish five print newspapers throughout the school year.

MEDIA/JOURNALISM INTERNSHIP - 802024

Graduation Credit: Computer Technology

Pathway: Media Arts

Prerequisite: Comp Journalism and Teacher Approval

Course Description:

Interns will learn newswriting, feature writing, editorial writing, research skills, interview skills and overall work based learning skills utilized by news reporters on a daily basis. Interns' articles and/or photographs may be published. Interns will work closely with the editors or supervisors to learn all facets of newspaper journalism.

EXPLORING COMPUTER SCIENCE – 705037

Graduation Credit: Computer Technology

Pathway: ICT & Systems Programming

Prerequisite: None

* A-G college approved for the CSU/UC systems “g” elective

Course Description:

Exploring Computer Science (ECS) is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the

entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.

COMPUTER SCIENCE DISCOVERIES – 705038

Graduation Credit: Computer Technology

Pathway: Systems Programming

Prerequisite: Exploring Computer Science

*** A-G college approved for the CSU/UC systems “g” elective**

Course Description:

Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. CS Discoveries is designed from the ground up to be an accessible and engaging course for all students, regardless of background or prior experience. It provides students opportunities to engage with culturally and personally relevant topics in a wide variety of contexts and aims to show all students that CS is for them.

IT ESSENTIALS (aka ICT) – 651017

Graduation Credit: Computer Technology

Pathway: ICT

Prerequisite: Exploring Computer Science

***DUAL CREDIT COURSE w/SIERRA COLLEGE**

*** A-G college approved for the CSU/UC systems “g” elective**

Course Description:

IT Essentials covers fundamental computer and career skills for entry-level IT jobs. The IT Essentials course includes hands-on labs that provide practical experience to prepare

you for enterprise networking. Simulation tools help you hone your troubleshooting skills and practice what you learn.

- Develop working knowledge of how computers and mobile devices operate.
- Identify common security threats and vulnerabilities like malware, phishing, spoofing and social engineering.
- Apply skills and procedures to install, configure, and troubleshoot computers, mobile devices, and software.
- Develop critical thinking and problem solving skills using both real equipment and [Cisco Packet Tracer](#), a network configuration simulation tool.

AP COMPUTER SCIENCE PRINCIPLES – 658016

Graduation Credit: Computer Technology

Pathway: Systems Programming

Prerequisite: Exploring Computer Science

*** A-G college approved for the CSU/UC systems “g” elective**

Course Description:

This course introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, the CodeHS AP Computer Science Principles course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.

Engineering Pathway

The Lincoln High School Engineering Pathway is a 4 course sequence (IED, CIM, POE, EDD) to introduce students to Engineering disciplines. Student's that complete the Engineering Pathway can earn a special recognition at graduation. To earn this recognition student must pass all 4 of the Engineering courses with a C or better, be active member in Skills USA a minimum of two years, and complete Math 3 and Physics.

◆ TRADES & INDUSTRIAL ARTS ◆

INTRO. TO ENGINEERING DESIGN (IED) – 354358

Graduation Credit: Computer Technology

Pathway: Engineering

Prerequisite: None

* A-G college approved for the CSU/UC systems “g” elective

Course Description:

Introduction to Engineering Design is an introductory course in the Engineering Pathway at Lincoln High School. This course teaches student how Engineers and Designer take idea and turn them into products. In this course students learn the design process, how ideas go from your mind to paper. The student will learn to use state-of- the-art computer hardware and software, like Autodesk Inventor, 3d printing, and laser engravers. Various design applications will be explored with discussion. This course is the Pre-requisite all the concentrator and capstone Engineering Courses.

COMPUTER INTEGRATED MANUFACTURING (CIM) – 354360

Graduation Credit: Computer Technology

Pathway: Engineering

Prerequisite: IED

* A-G college approved for the CSU/UC systems “g” elective

Course Description:

Computer Integrated Manufacturing is one of the two concentrator course for the

Engineering Pathway at Lincoln High School. CIM focus on the how products are created in our modern ear. Students build on the skills learned in Introduction to Engineering Design, to take their ideas form paper to the machine shop. Students will learn how to use modern CNC Machinery as well as manual manufacturing methods. In addition student will explore automation and its role in the modern manufacturing. This course is a pre-requisite for the Engineering capstone course. It is recommended as the second year Engineering course but can be taken concurrently with POE.

PRINCIPLES OF ENGINEERING (POE) – 354356

Graduation Credit: Computer Technology
Pathway: Engineering

Prerequisite: IED, Recommended that student take CIM and Physics concurrently or prior to enrolling in POE

* A-G college approved for the CSU/UC systems “g” elective

Course Description:

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

ENGINEERING DESIGN & DEVELOPMENT (EDD) – 354364

Graduation Credit: Computer Technology
Pathway: Engineering

Prerequisite: IED, CIM, POE

* A-G college approved for the CSU/UC systems “g” elective

Course Description:

Engineering Design and Development is the capstone course for the Engineering Pathway at Lincoln High School. EDD focus on how ideas are developed in to solutions using engineering principles. In this course student will discovery and engineering problem that existing in the really word. They will then work over the course of a year to, research, design, manufacture at test

their solution to the problem. This calls on the other 3 previous classes, being all previous elements into one final project.

WOOD TECHNOLOGY 1 – 35140

Graduation Credit: Elective

Prerequisite: None

Course Description:

This course is designed as an introduction to wood working. Students will learn to safely use hand tools and power tools. Students will be required to pass safety tests for each tool used. Students will have the option of purchasing their finished work.

CONSTRUCTION TECH - WOOD TECHNOLOGY 2 / – 354142

Graduation Credit: Elective

Prerequisite: Wood Technology 1

Course Description:

This course is designed to introduce students to the construction trade. Students will learn vocabulary, how to design floor plans, how to read blue prints, and building technique. Students will learn the correct, safe way to use construction equipment. Students will build scale model homes and use what they learn on larger projects.

INTRODUCTION TO AGRICULTURAL MECHANICS/WELDING– 354300

Graduation Credit: Elective

Pathway: Agricultural Mechanics

Prerequisite: None

(This course is a pre requisite for the Welding and Diesel Mechanics classes)

Course Description:

This course provides theory and hands-on experiences that provide opportunities for students to develop basic knowledge and skills used in the construction, maintenance and operation of equipment used in the agriculture industry. Topics will include welding, small engines, electrical systems, plumbing and basic construction. Students will also be introduced to the opportunities of involvement in the FFA program.

AG WELDING & METAL FABRICATION 1 – 354353

Graduation Credit: Elective

Pathway: Agricultural Mechanics

Prerequisite: Introduction to AG Mechanics

Course Description:

Agricultural Welding courses provide students an opportunity to learn the practices and technical practice of welding processes used in agricultural fields. Students will be exposed to mechanical, electrical and thermal power that are associated with the field of agricultural welding. Applied activities develop an understanding and skill development in metal joining and fabrication processes. Instruction will prepare students to select, operate, repair, fabricate and maintain a variety of agricultural machinery and equipment. Processes covered may include: Oxyfuel Cutting/Heating/Welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), Air-carbon Arc Cutting, Plasma Arc Cutting, Safety and Metal Fabrication. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

AG WELDING & METAL FABRICATION 2 – 353152

Graduation Credit: Elective

Pathway: Agricultural Mechanics

Prerequisite: AG Welding/Fab 1

Course Description:

Agricultural Welding courses provide students an opportunity to learn the practices and technical practice of welding processes used in agricultural fields. Students will be exposed to mechanical, electrical and thermal power that are associated with the field of agricultural welding. This class is based around more complex positions of the processes that were learned in welding one. Project fabrication and certification are introduced through project proposals, sketches and budgeting, and fabrication and

layout. Students must complete a project or AWS certification, and presentation.

AG WELDING & METAL FABRICATION 3

Graduation Credit: Elective

Pathway: Agricultural Mechanics

Prerequisite: AG Welding/Fab 2, or instructor approval

Course Description:

This a design and fabrication class. Students must complete a yearlong project or AWS certification, and exhibition.

BASICS OF DIESEL TECHNOLOGY DCDT 100 – 355356

Graduation Credit: Elective

Pathway: Agricultural Mechanics

Prerequisite: Introduction to AG Mechanics, Diesel 110 or Diesel 100

Course Description:

Courses provide students with knowledge and skills to inspect diagnose, maintain, over the road truck systems. Specific course topics may include principles underlying diesel engines, analyzing electrical circuits and systems, reading and interpreting service manuals, and identifying the principles and components of fuel injection systems; repair and replacement of water pumps, generators, governors, auxiliary and accompanying power units and controls; transmissions, drive lines, and drive axles; brakes, tires, and wheels; steering and suspension systems; electrical and lighting systems; hydraulics and pneumatics; safety codes and regulations; and general shop skills. This class begins with vehicle familiarity, inspection expectations of drivers; inspection, diagnosis and repair for the technician.

DIESEL EQUIPMENT MECHANICS DCDT 110 – 354363

Graduation Credit: Elective

Pathway: Agricultural Mechanics

Prerequisite: Introduction to AG Mechanics, Diesel 110 or Diesel 100

Course Description:

Courses provide students with knowledge and skills to diagnose, maintain, and repair diesel engines and related systems. Specific course topics may include principles

underlying diesel engines, troubleshooting and repairing cooling systems, reading and interpreting service manuals, and identifying the principles and major components of fuel injection systems; repair and replacement of water pumps, controls; safety codes and regulations; and general shop skills. The class is based on actual engine tear down and assembly.

AGRICULTURAL ENTREPRENEURSHIP - 802018

Graduation Credit: Elective

Pathway: Agricultural Business

Prerequisite: Ag Bio and Ag Chemistry.

Course taken with Ag Systems Management

***Class must be taken in conjunction with Ag Systems Management**

Course Description:

This course is designed to empower entrepreneurial literacy among high school agriculture students through a project-based learning approach. Students will synthesize the aspects of entrepreneurship in teams working with local entrepreneurs and their instructors. This course will include topics related but not limited to human relationships and effective communication, issue analysis, decision-making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities. The students then learn and enhance their written and oral communication skills by presenting their views and opinions to the class. Students learn how to arrange and present debates, speeches, and interviews to be effective leaders in today's society.

AG LEADERSHIP – 708099

Graduation Credit: Elective

Pathway: Agricultural Business

Prerequisite: Instructor Approval.

Course Description:

This course is designed to acquaint the student with the theories and principles of leadership, personal growth, and career skills. Students will also learn about current issues in Agriculture and how to become a well-spoken advocate for this industry. Students will participate in direct instruction lessons, group problem solving, committee

work, giving speeches, self-assessment, peer teaching, educational demonstrations, supervised agriculture experience, personal reflection, and FFA related activities. Outside of class opportunities will exist to enhance leadership development for students, and as leaders in our Agriculture program they are expected to actively participate in the activities of the Lincoln FFA. Students must complete an application and be selected for this class.

FOODS/NUTRITION 1 – 303674

Graduation Credit: Elective

Prerequisite: None

Course Description:

This class is designed to explore issues that students encounter in daily life, both now and in the future, especially regarding techniques of food preparation. Students will explore basic cookery methods, learning to prepare easy, tasty recipes. Not only FOOD PREP and TASTE TESTING will be covered but all aspects of the eating experience. Topics include: Personal Responsibility, Study Habits, Higher Education, Fitness, Nutrition, Culinary Skills

FOODS/NUTRITION II – 303676

Graduation Credit: Elective

Prerequisite: Grade of C or better in Foods and Nutrition – *or* - by instructor approval.

Course Description:

This course is an extension of Foods and Nutrition (I) allowing students to further explore methods of food preparation, elements of nutrition and fitness, personal responsibility and cooperation with others, opportunities in the Culinary Arts profession. Topics to be covered include: Safety and Sanitation, Equipment and Technology, Nutrition and Fitness, Terminology and Cooking Fundamentals. Class format includes lecture, video, notebook and recipe card file to be compiled by the student, cooking demonstrations provided by instructor, and hands on practice in the kitchen. Recipe preparation will be assigned as homework.

Who should take this class?

- ✚ Students who want to advance their skills in the kitchen.

- ✚ Students who are considering pursuing a career in the food or hospitality industry.

◆ PHYSICAL EDUCATION ◆

NOTE: ALL PE STUDENTS ARE REQUIRED TO WEAR UNIFORMS:

The uniform consists of Lincoln High School royal blue shorts and a Lincoln High School Physical Education T-shirt. Uniforms may be purchased the beginning of each semester and throughout the school year from their instructor. Students may also wear (bring) shorts and a t-shirt from home. The shorts must be solid royal blue in color and the T-shirt must be white or gray, with no logo's. Sweatshirts and sweatpants are optional and may be of any color.

As a requirement for high school graduation, students are required to pass two courses in Physical Education (Education Code 51225.3). All ninth graders take a P.E. class. Until the enactment of Senate Bill 78 (2007), tenth graders had the option of deferring their second year of PE to the eleventh or twelfth grade. Under SB 78 only students who pass the physical fitness test in grade nine are allowed to defer their second year of PE to the eleventh or twelfth grade. Students who do not pass the test are required to enroll in PE in the tenth grade. **Students who do not pass their freshman year of PE will lose their opportunity of selecting their PE class of choice for their second year. Students will be enrolled in Phys. Ed 10-12.**

Each school district is required to administer a physical fitness test, as designated by the State Board of Education, to all students in grades five, seven, and nine. The physical fitness tests, FITNESSGRAM, include tests in key areas of fitness: aerobic capacity, body composition, abdominal strength and endurance, trunk extensor strength and flexibility, and upper body strength, endurance, and flexibility. The FITNESSGRAM has two or three testing options to ensure that all students, including those with special needs, have the maximum

opportunity to pass this test. For those fitness areas that have options, only one option is administered to the student.

Western Placer Unified School District follows state guidelines: students must pass five out of six physical fitness performance tests in order to receive a “pass”. Evaluating and reporting performance in each of the fitness areas of the FITNESSGRAM is on two levels: (1) the Healthy Fitness Zone (HFZ) and (2) needs improvement (i.e. not in the HFZ).

CO-ED PE 9 – 503000

Graduation Credit: Physical Education

Prerequisite: None

Course Description:

This semester class is required of all freshmen. The goal of the class is to give the student the basic background and knowledge of the concepts of “Fitness for Life” and to improve the basic skills and knowledge of several individual and team sports. These concepts will be the basis for the curriculum in the other physical education offerings.

PHYS ED 10-12 - 505900

Graduation Credit: Physical Education

Prerequisites: Co-Ed PE 9

Course Description:

This semester class is open to all sophomores, juniors, and seniors who wish to learn advanced skills and knowledge of the many individual and team sports. Activities from the freshmen curriculum will be more in depth as to skills and strategies, as well as learning about new sports and fitness techniques. Journals will be kept for rules, terms, and strategies for future use. This class is designed for the students who like becoming more fit through “game” and “fun” activities.

WEIGHT TRAINING CO-ED - 503007

Graduation Credit: Physical Education

Prerequisite: Must have passed Co-Ed PE 9

Course Description:

This semester class is designed for the student that does not want the extensive training of a conditioning class, but wishes to maintain and improve one’s overall fitness. The class

will offer training in strength, power, toning, and fitness weight programs and cardiovascular fitness. The different types of fitness programs will be analyzed and discussed. The students will then design their own individual fitness workout program and journals will keep track of activities and progress. Open to grades 10-12.

FOOTBALL CONDITIONING – 503002, 503008 (JV)

Graduation Credit: Physical Education

Prerequisite: Coach’s permission (2 Periods)

Course Description:

This class is designed for athletes wishing to compete on the football teams. It is designed to prepare the student for interscholastic competition. It will consist of Olympic lifting, plyometric, and extensive weight training. Open to grades 9-12.

BASKETBALL CONDITIONING - 509511

Graduation Credit: Physical Education

Prerequisite: Must have coach’s signed permission to be in class

Course Description:

This class is designed for athletes wishing to compete on the boys or girls basketball teams. It is designed to prepare the student for interscholastic competition. It will consist of weight training, plyometrics, and basketball fundamentals.

BEGINNING DANCE - 702045

Graduation Credit: Fine Art & Physical Education

Prerequisite: None

Course Description:

This Beginning Dance course will allow students to meet a portion of the general High School Arts requirement. In this course students will explore the art forms of jazz, contemporary, modern, ballet, lyrical, hip hop and choreography. Bi-weekly skills tests chart student’s progress. Students will learn to collaborate with their peers when creating choreography and build confidence while performing in small groups in front of a live audience. By understanding the history of dance and learning about different

choreographers, students will be able to create their own opinion of what dance means to them.

INTERMEDIATE DANCE - 702046

Graduation Credit: Fine Art & Physical Education

Prerequisite: Must have passed Beginning Dance or instructor's permission

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

This Intermediate Dance course will allow students to meet a portion of the general High School Arts requirement. In this course students will continue to explore the art forms of jazz, contemporary, modern, ballet, lyrical, hip hop and choreography in a more intermediate level. Bi-weekly skills tests chart student's progress. Students will continue to collaborate with their peers when creating choreography and build confidence while performing in small groups in front of a live audience.

ADVANCED DANCE - 702047

Graduation Credit: Fine Art & Physical Education

Prerequisite: Must have passed Intermediate Dance or instructor's permission

***PENDING A-G college approval for the CSU/UC systems "f" requirement**

Course Description:

This Advanced Dance course will allow students to meet a portion of the general High School Arts requirement. In this course students will continue to explore the art forms of jazz, contemporary, modern, ballet, lyrical, hip hop and choreography in a more advanced level. Full length dances will be created and performed focusing on performance quality dances. This course will focus more on the students creating their own choreography and becoming a choreographer. Students will continue to collaborate with their peers when creating choreography and build confidence while performing in small groups in front of a live audience

MARCHING BAND – 455581

Graduation Credit: Fine Art & Physical Education

Prerequisite: 1 year prior band experience

***Zero period Fall Semester – 7:00 am to 7:54am everyday**

*** A-G college approved for the CSU/UC systems "f" requirement**

Course Description:

Students in this class will learn technique, parade/field marching, and various styles and genres of music. The band attends up to five competitions, and all home football games. This is a performing ensemble that travels and does annual trips and competitions. Students receive PE credit with this elective.

◆ NON-DEPARTMENTAL ELECTIVES ◆

AVID - 800025

Graduation Credit: Elective

Prerequisite: Instructor Approval

*** A-G college approved for the CSU/UC systems "g" requirement**

Course Description:

Determine, direct and develop student potential through positive involvement in community and educational activities. Students must have a 2.5 GPA, score at least 'Basic' on state testing and have no documented behavior problems. This course will provide students with specific opportunities to be successful within the community and school, these include: Community Service opportunities, Motivational field trips, Personal assessments, tutoring.

TEACHER'S ASSISTANT - 709238

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only.

Course Description:

Assist teacher in classroom activities such as word processing, copying student handouts, classroom preparation, filing, and peer tutoring. **Students must have a 2.5 GPA, no F grades on previous grading period. TA's also cannot have outstanding attendance or discipline issues. Students must be making**

progress towards graduation. Students may not receive more than 20 TA credits during their high school matriculation. To become a TA the student must have signed written approval from a teacher. TA's will be issued a grade of Pass or Fail, unless a teacher has a written class syllabus for the TA position.

LIBRARY TEACHER'S ASSISTANT - 945000

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only.

Course Description:

Assist Librarian in activities of moving textbooks to and from the textbook storage room, help students and teachers check in and out library books and textbooks, shelve returned books, assisting at the front desk, and keeping the library clean and a welcoming place.

OFFICE AIDE - 708053

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only

Course Description:

Students are given the opportunity to learn office skills by working in the main office. Skills taught include: sorting and delivering mail, running the copy machine, alphabetizing and filing information. Students must be in good standing in order to be considered for selection and must adhere to confidentiality of information in an office setting.

UNSCHEDULED - 800025

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only

Course Description:

Seniors may have one period unscheduled if approved by the counselor and assistant principal/principal after a credit and progress towards graduation check. If a Senior wants 2 unscheduled periods they must have a 3.0 GPA prior semester and making progress towards graduation. Juniors who are on track for graduation by having a minimum of 160 credits, and have a 3.0 GPA prior semester may have 1 unscheduled period. Students do not earn credit for an unscheduled class and must be off campus during this time.

INTERNSHIP – 802026

Graduation Credit: Elective

Prerequisite: Special Permission for 11th/12th grade only

Course Description:

This structured learning experience allows students to apply classroom theories to practical problems and to explore career options at work sites. Students may have an opportunity to be interns at work sites, or to teachers, counselors, or administrators in the school district. Students typically work an average of 10-15 hours per week. Training agreements and learning objectives are developed and student progress is supervised and evaluated collaboratively by work-site supervisor and the community learning coordinator.

AG INTERNSHIP – 802027

Graduation Credit: Elective

Pathway: AgriScience

Prerequisite: Instructor Approval

Course Description:

Students who have completed an agriculture pathway are eligible to become an Agriculture Intern. These experiences are based on student interest and availability at the high school farm.

LEADERSHIP - 708098

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only.

Complete Application Packet for teacher approval and a letter of recommendation from a staff member. ASB/Class officers are encouraged to be in the class. Students must have good grades, no attendance/tardy issues, and are expected to be good citizens of LHS. Class is 2 periods.

Course Description:

Students are required to plan, implement, and evaluate projects. Students will learn to establish healthy relationships, understand the concept of personal responsibility, teamwork, organization of projects, and self-awareness. Students perform student body projects involving planning rallies, dances, spirit weeks, school pride/spirit, and community service. This class is not designed to be an "easy grade". Time out side of the class is required in order to fulfill the

requirements of the class. You have signed on to a commitment of time in the classroom, school, community, and outside the classroom and school hours.

WORK EXPERIENCE - 803005

Graduation Credit: Elective

Prerequisite: Juniors & Seniors Only.

Course Description:

To enroll in work experience and receive credit, the student must meet the following requirements: 1) Have a job where official paychecks are issued and taxes are deducted. 2) Sign into a work-experience agreement that shows agreement between the student, the parent, the employer, and the school. 3) Work at least 10 hours per week (or 20 hours per week if enrolled in two periods). 4) Students must turn in weekly time sheets that document the hours worked. Students must also submit a resume, cover letter, and end of semester reflection. Students must also maintain a minimum 2.0 GPA to maintain enrollment in the class and have a current work permit. Juniors are able to have 1 period of Work Experience and seniors can have up to 2 periods of work experience. Students will be graded using the Pass/Fail criteria in which they must maintain a 70% in earn a “P” in the class.

CROSS-AGE TUTOR – 708081

Graduation Credit: Elective

Prerequisite: Students must have a signed permission form from counseling office, and approval from site supervisor. Must have a 2.0 GPA and very good attendance.

Course Description:

This is an off campus program for juniors and seniors in good academic standing and who have outstanding attendance. This is an opportunity to tutor, mentor, and work with younger students. Tutoring needed in; English as a Second Language, Math, English, and Reading.

YEARBOOK – 212180

Graduation Credit: Elective

Pathway: Media Arts

Prerequisite: Open to 10-12 grade, however 9th grade can enroll with teacher approval at middle school. Submit application to yearbook advisor for acceptance.

Course Description:

Year-long course. Students produce the El Eco yearbooks. Techniques taught in copy writing, interviewing, basic page layout, photography, meeting deadline, developing working relationships with the community and bookkeeping skills.



WHAT IS CTEWORKS?

CTEWORKS (formerly 49er ROP) provides an opportunity to explore future career opportunities while mastering the necessary skills needed for college, advanced training, or positions in business and industry. Classroom instruction by industry experienced instructors and supervised hands-on training in a laboratory setting or training sites combines academic knowledge with new technical skills to ***increase career AND college readiness.***

- Available for high school seniors & juniors
- Select classes require a training site (called “community classroom” courses).
- Many classes are taught entirely in-classroom.
- Sophomores may enroll “in-classroom” courses with referral and approval.
- Classes vary in length, from a 1 to 3-hour class/training periods per day.
- Classes may be taken within the student’s regular class day or during a period of time that extends outside the regular school day.
- Students **must be able to provide their own transportation** to training sites and to classes held at locations other than the student’s campus.
- In order to receive a Certificate of Completion, the student must complete the course with at least 95% attendance,

a grade of C or better, and master 80% of the core competencies.

- Most classes only accept students in the fall semester.

CTEWORKS PROVIDES...

- Preparation for post-secondary education and/or training.
- Valuable hands-on experience to improve students' college and career readiness.
- Credit toward high school graduation.
- Many UC-approved courses that meet required A-G guidelines.
- Community college credits in many classes.
- Certificate of Completion.
- Internships at local businesses.

LOCATIONS...

- Various High School Campuses
- CTEWORKS Center in Auburn
- Auburn Fire Station #3 in Auburn

BLENDED INSTRUCTION...

- Courses noted as (Blended Format) split class meetings days between in-class and online.

DENTAL CAREERS

Class Location: *CTEWORKS Center, Auburn (Blended format)*

Grade Level: 16 or older by October 1st

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Requirements: Proof of immunizations and negative TB. Please refer to the CTEWORKS website for details.

Recommended Preparation: Biology, English, Aptitudes in finger and gross motor dexterity, Ability to follow complex instruction sets, High level English grammar, verbal skills and spelling, Good hygiene and emotional maturity

College Articulation: Sierra College

***College approved for the CSU/UC systems for the "g" elective**

Course Description:

Experience careers in the dental field with a hands-on study of dental office practices. Learn about industry standards and ethics. Training in dental terminology, anatomy, physiology, disease process, and dental asepsis. Develop in-demand skills in sterilization, 4-6 handed dental assisting, patient care, and front-office techniques. Internships may be located in dental offices/clinics or dental labs.

FIRE SCIENCE CAREERS

Class Location: *Maidu Fire Station #3, Auburn*

Grade Level: 16 or older by October 1st

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Requirements: Sports Physical required

Recommended Preparation: Communication skills, physical agility, math, science, & computer courses

College Articulation: Sierra College

Course Description:

Train for the physically and mentally demanding career of a firefighter, with instruction in fire behavior and extinguishment theory, wild land fire operations, fire protection and safety, and first responder operations. Learn and practice skills used by firefighters such as emergency medical aide, CPR and first aid, and use and maintenance of equipment (hoses and appliances, ground ladders, ropes). Internships will be in local fire stations or at Cal Fire.

HEALTH CAREERS

Class Location: *CTEWORKS Center, Auburn (Blended format)*

Grade Level: 16 or older by October 1st

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Recommended Preparation: Biology, Health, Anatomy/Physiology, & Computers

Requirements: DOJ Background check & drug screening if 18 or older, proof of immunizations and negative TB. Please refer to the CTEWORKS website for details.

College Articulation: Sierra College.

Graduation Credit: Life Science (NJUHSD, PUHSD, WPUUSD, RUSD)

Course Description:

In-depth, hands-on instruction in applied anatomy and physiology, disease processes, terminology, standards and ethics, patient care and practices, procedures, vital signs, and CPR for Health Care Providers. Internship opportunities offer cross-training in a wide variety of areas of the hospital and convalescent hospitals, emergency facilities, and outpatient medical settings.

INTEGRATED ANIMAL SCIENCE

Class Location: *Lincoln High School Farm*

Grade Level: 16 or older by October 1st

Length of Course: Full school year.

Internship Included: Yes. Self-provided transportation required.

Recommended Preparation: Biology and Algebra with a C or better to receive the UC “d” lab science credit, Animal Science, Anatomy/Physiology, Agricultural Science.

Requirements: Proof of immunizations and negative TB. Please refer to the CTEWORKS website for details.

College Articulation: Yuba College

***College approved for the CSU/UC systems for the “d” elective**

Course Description:

Experience the clinical setting of small and large animal health care, through the study of common diseases (pathology), veterinary and diagnostic laboratory procedures, anatomy and physiology, medical and animal terminology, handling and restraint techniques, and client relations and office procedures. Internship opportunities may include veterinary clinics, horse ranches, zoos and exotic animal facilities. Clinical experience at internships may count towards meeting the prerequisite for admission to Veterinary Technician programs and Schools of Veterinary Medicine.

MEDICAL ASSISTING, CLINICAL

Class Location: *CTEWORKS Center, Auburn (Blended format)*

Grade Level: 11-12 (Students must be 17 by October 1st)

Length of Course: Full school year.

Internship Included: Yes. Self-provided transportation required.

Requirements: DOJ background check if 18 or older, proof of immunizations and negative TB, drug screening. Please refer to the CTEWORKS website for details.

Recommended Preparation: Biology, Health, Algebra 1, Anatomy/Physiology, computer literacy and applications

College Articulation: Sierra College

Course Description:

Students will learn the skills necessary to obtain entry-level positions within a medical facility. Instruction will include medical and surgical asepsis, assisting the physician with physical examination of the patient, minor office surgery, electrocardiography, venipuncture, administration of medication by physician order, various laboratory skills, and assisting with diagnostic and therapeutic procedures. The course will also include an introduction to anatomy and physiology, medical terminology, electronic health records, soft skills, leadership opportunities, and standards for career ready practice. The successful student may be prepared for the California Medical Assistant Certification Exam.