

SIMI VALLEY UNIFIED SCHOOL DISTRICT

Student Course Catalog

2015-2016

Academies: Your Present, Your Future

SANTA SUSANA HIGH SCHOOL

*Promoting Excellence and
Preparing for 21st century demands
through emphasis in Accelerated Academics, Technical Arts,
Visual & Performing Arts*



Santa Susana High School
3570 E. Cochran Street
Simi Valley, California 93063
(805) 520-6800
www.santasusana.org

Santa Susana High School

< est. 1996 >

*The School of Academics
The School of Technical Arts
The School of Visual & Performing Arts*

*3570 East Cochran Street
Simi Valley, California 93063*

*805.520.6800
<http://www.santasusana.org>*

*California School Board Association
Golden Bell Award Winner
for Invigorating High School Programs
CTE-Arts, Media & Entertainment
Demonstration Site*

SANTA SUSANA HIGH SCHOOL

The School of Academics The School of Technical Arts The School of Visual & Performing Arts

Welcome to the Troubadour Community!

You are a part of an exciting group of students, faculty, and staff that comprise one of the most outstanding schools and learning communities in Ventura County.

The mission of the faculty and staff of Santa Susana is to encourage EXCELLENCE and to ensure that our students experience only the finest educational opportunities. As a reflection of our commitment to standards-based education, Santa Susana High School maintains an Academic Performance Index (API) score of 871 – the highest of any high school in Simi Valley. Santa Susana has received recognition and support for our programs in the form of approximately \$1,000,000 in state and federal grants. Additional accolades for our academic achievement and specialized programs include: Member of the Successful Practices Network sponsored by the International Center for Leadership in Education, the CCSSO, and the Bill and Melinda Gates Foundation; the California School Board Association Golden Bell Award; A *California Business for Education/Just for Kids-California* Honor Roll School; and 3 consecutive years as a Silver Medalist in *US News and World Report's*, “America’s BEST High Schools.” In the past year we have been designated as a #2 school in the Ventura County by niche.com and a California Demonstration Site for Career Technical Education: Arts, Media, and Entertainment.

Santa Susana is formally organized into a unique structure of “Schools & Academies” in which students focus on a specially designed four-year course of study. Under the umbrella of three “Schools” (Accelerated Academics, Visual and Performing and Technical Arts), each student identifies with one or more of 16 courses of study (majors) which include capstone courses to incorporate a school-to-career component into each student’s course of study. The academy-specific curricular paths combine interest-based courses with core academic foundations to guide students through their high school careers and successfully prepare them for postsecondary education and the 21st century workforce.

Please pay particular attention to the three Schools at Santa Susana and the various academies and emphasis in which students may focus their studies and develop a customized course of study. Students work toward Certification in their Areas of Emphasis which awards them for their extraordinary learning and commitment to the subject. More details can be found in this guide and its supplement.

This course catalog and registration guide will provide you with information that will help you make informed decisions regarding our high school program of study and emphasis at Santa Susana High School. It contains basic graduation requirements and information regarding necessary preparation for opportunities after high school. Troubadours will also find descriptions of courses offered at Santa Susana. I encourage you to read this guide thoroughly and use the information within it when making decisions about high school programs and course selections, as well as post-high school plans.

Santa Susana counselors, teachers and administration work with students as they build and follow a four-year high-school plan needed to achieve personal goals for success. Working as a team, we know that every student’s personal experience at Santa Susana will be a positive one.

WE ARE ALSO HERE TO HELP YOU. Seek our assistance when needed.

We trust that each of you will have a rewarding and successful 2015-2016 school year!

Sincerely,

Wendy Mayea

Ms. Wendy Mayea, Principal

SIMI VALLEY UNIFIED SCHOOL DISTRICT

875 E. Cochran Street
Simi Valley, CA 93065
805-306-4500

Superintendent
Dr. Jason Peplinski

Assistant Superintendent
Education Services
T.B.D

Assistant Superintendent
Personnel Services
Mr. Dan Houghton

Assistant Superintendent
Fiscal Services
Mr. Ron Todo

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Mrs. Deborah Salgado

Executive Director
Student Support Services
Mr. Sean Goldman

Mr. Scott Blough
Mr. Bill Daniels

Board of Education
Mr. Dan White

Mrs. Debbie Sandland
Mr. Rob Collins

Santa Susana High School Staff
Phone number (805) 520-6800

Ms. Wendy MayeaPrincipal
Ms. Shayna LedesmaAssistant Principal
Mr. Brad TortiAssistant Principal
Ms. Jillian BischoffCounselor
Ms. Kelsey McMahonCounselor
Mrs. Jody Melanson.....Counselor
Ms. Michelle ValdiviesoPsychologist
Mrs. Mary Wrightson..... Nurse
Mrs. Raquel Hishmesh SpeechTherapist
Mrs. Teri Hypes.....School Secretary
Mrs. Gloria Banks..... Registrar
Mrs. Lori SorapuruMain Office
Mrs. Jill BrownMain Office
Mrs. Yvette Schuster.Attendance
Mrs. Barbara Kiely..... Health Office
Ms. Jennifer Lang..... ASB Office
Mrs. Carol Forbes Library
Mrs. Jennifer WigdorCareer/College Center
Mr. Anthony HernandezPlant Manager
Mrs. Pat Reed Cafeteria Manager

STATEMENT OF CIVIL RIGHTS

NOTICE TO PARENTS, STUDENTS, EMPLOYEES AND THE GENERAL PUBLIC OF THE SIMI VALLEY UNIFIED SCHOOL DISTRICT: All courses are offered to all qualified students without regard to race, color, national origin, sex, or handicap.

AVISA PARA LOS PADRES, ESTUDIANTES, EMPLEADOS, Y EL PUBLICO GENERAL DEL DISTRICITO UNIFICADO

ESCOLAR DE VALLE DE SIMI: Todas las cursos en la escuela secundaria se ofrecen a todos los alumnos calificados sin respeto a raza, color, origen nacional, sexo, o desventaja.

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SANTA SUSANA HIGH SCHOOL

Rigor, Relevance and Relationships for All Students

Santa Susana High School provides a rigorous and relevant college preparatory program in a learning environment customized to the demands and realities of the 21st century.

Santa Susana High School is formally organized into a unique structure of “Schools & Academies” in which students focus on a specially designed four-year course of study. Under the umbrella of three “Schools” of study (Accelerated Academics, Technical Arts and Visual and Performing Arts), each student identifies with one or more of nine “Academies” which include capstone courses to incorporate a school-to-career component into each course of study. The academy-specific curricular paths combine interest-based courses with core academic foundations to guide students through their high school careers. This “School-Within-a-School” model allows students to pursue their academic interests as they build skills for a postsecondary life.

Santa Susana High School’s curriculum also includes an Advisory program for students. The Troubadour Advisory Program (TAP) is a support system which provides personal and academic guidance within the school’s structure of Schools and Academies. TAP involves teacher advocates who regularly monitor student academic progress as related to graduation requirements and preparation for career and postsecondary education. During Advisory sessions, students receive assistance monitoring grades, four-year high school plans, and graduation certification requirements and are provided information essential to postsecondary preparation.

The school’s interest-based programs help create a college and career preparatory environment of tolerance and mutual respect among students, teachers, staff and administration. All programs are based on student achievement findings to provide personalized learning, student support systems, and the consistent analysis of data to guide instruction and program structures.

SSHS is a Silver Medalist in *US News and World Report’s*, “America’s BEST High Schools,” a California School Board Association Golden Bell recipient, an Arts, Media and Entertainment demonstration site for the state of California and a California Business for Education Excellence California Honor Roll School. We are also ranked #2 in Ventura Country from niche.com.

Program features:

- ☆ Advanced Placement and Honors Classes
- ☆ A full college prep curriculum
- ☆ Emphasis on Academic Excellence
- ☆ Interest-based Academies
- ☆ Extended opportunities in advanced level technology programs
- ☆ Extended opportunities in advanced level fine arts, performing arts and technical arts programs
- ☆ Academy Certification in a focus area for qualified students in addition to the high school diploma
- ☆ An Advisory program of academic and personal support
- ☆ Career Education partner with the Ventura County Office of Education
- ☆ A flexible schedule that promotes innovative teaching
- ☆ Small learning communities where students and staff experience a strong sense of belonging
- ☆ An administration and staff who value maintaining a safe and orderly campus
- ☆ A highly motivated and student-oriented teaching staff chosen for their expertise and dedication



Vision Statement:

Santa Susana High School strives to produce Scholarly, Skilled, and Humane Students

Scholarly

- demonstrate academic excellence
- exceed expected educational standards for the 21st century
- use reliable resources and technologies to access, interpret and utilize information
- develop innovative and creative problem-solving skills through critical thinking
 - write and speak logically, analytically and reflectively
 - choose and follow the path of a school and academy, including a four-year educational plan and senior project
- establish personal and professional goals

Skilled

- effective communicators
- demonstrate life and career preparedness
- incorporate the skills and concepts of academics, the arts, and information technology
 - distinguish fact from opinion
- critically evaluate the validity and reliability of information
 - read and listen comprehensively and effectively
- express themselves via the creation or performance of existing or original works through music and movements, poetic and dramatic forms, and visual imagery

Humane

- ethically use technologies to obtain, process and convey information
- become informed, thoughtful and responsible global citizens who work both independently and collaboratively
- demonstrate compassion and mutual respect for differences among people
 - be academically honest
 - be honorable

**SCHOOLS AND CURRICULAR ACADEMIES
of
SANTA SUSANA HIGH SCHOOL
2015 – 2016**

THE SCHOOL OF THE ARTS

*Encompassing the
Curricular Academies
of...*
Visual and Performing Arts

THE SCHOOL OF TECHNICAL ARTS

*Encompassing the
Curricular Academies
of...*
**Computer Science
Stagecraft
TV and the Art of Film
Digital Graphics and Publication
Web Design and Internet Development (CTE)**

THE SCHOOL OF ACCELERATED ACADEMICS

*Encompassing the
Curricular Academies
of...*
**Accelerated Academics
Law and Society**

*(Additional information concerning Schools and Academies are available
at registration in Spring 2015 and is available on our website at www.santasusana.org)*

Santa Susana High School

*The School of the Arts,
The School of Academics,
The School of Information Technology,
2015 - 2016 School Year*

A Curricular Academy at Santa Susana High School is a recommended sequence of courses that promotes and develops the skills and knowledge that prepare students to pursue their college, career, and/or special interest goals.

Curricular Academies offer rigorous core classes with a focus on academics, technical arts, or visual and performing arts.

Curricular Academies provide students with:

- standards-based learning that effectively prepares them for post-secondary goals
- rigorous and relevant course of study that promotes sequential skill-building in their area of interest
- a clear connection between learning and future goals

Key Components of all Curricular Academies at Santa Susana:

- a rigorous and relevant core curriculum
- a sequence of specialized courses
- each addresses requirements of post-secondary opportunities
- a culminating Senior Project
- opportunities for Internships
- Academy Certification in addition to the HS diploma

Curricular Academy Certificate Guidelines:

- students must have a minimum of twenty-five (25) units in an Academy
- students must meet the guidelines listed for the Academy(ies) of choice
- students may change Academies, but still must meet basic guidelines
- students may elect to choose more than one Academy
- students may apply for Certification in more than one Academy
- Students must complete a senior project

SANTA SUSANA HIGH SCHOOL

ACADEMICS

Academy of Accelerated Academics

Emphasis – Humanities

English:
9th & 10th Honors English
11th & 12th AP English
Social Science:
AP World History
AP U.S. History
AP Government
AP Economics
Foreign Language:
French, German, or Spanish for three years

Emphasis – STEM (Science, Technology, Engineering, and Math)

Exploring Computer Science
AP Calculus
AP Physics 1, C
AP Computer Science
Robotics
Other science, technology, engineering,
math courses, and electives.

Emphasis – Science

CP Science 9, CP Biology, CP Chemistry, CP Physics
Anatomy & Physiology Honors
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1, C
Foreign Language:
French, German, or Spanish for two years

Emphasis – Math

Geometry
Algebra 2 or Algebra 2/Trigonometry
Math Analysis
AP Statistics
AP Calculus AB, BC
Foreign Language:
French, German, or Spanish for two years

Academy of Law and Society

Computer Applications (Semester)
Ethics, Logics & Critical Thinking
Applied Legal Studies
Law and Order
AP Government
AP Economics

TECHNICAL ARTS

Academy of Digital Graphics & Publication

Basic Design
Graphics and Publication/Digital Photography
AP Studio Art 2D (Digital Photography)
Annual
(CTE) Graphic Design

Academy of TV & the Art of Film

Basic Design
Digital Photography (Semester)
Video Production
Movie Production
Broadcasting Journalism
Senior Studio
(CTE) Video Production

Academy of Stagecraft

Basic Design
Computer Applications
Video Production
Theatre Essentials
(CTE) Stagecraft Technology

Academy of Internet Development

Basic Design
Graphics & Publication
Exploring Computer Science AB
(CTE) WebMaster

Academy of Computer Programming

Computer Programming Science AB
Advanced Placement Computer Science A

- Basic Design is a prerequisite course. See individual courses
of study per Emphasis area.

VISUAL & PERFORMING ARTS

Academy of Fine Arts

Basic Design
Drawing and Painting
Advanced Drawing and Painting
AP Studio Art 2D (Drawing)
AP Studio Art 2D (Design)
AP Studio Art 3D

Academy of Performing Arts

Emphasis – Vocal Music

Chamber Choir
Show Choir
Vocal Ensemble
Advanced Women's Choir
Jazz Choir

Emphasis – Instrumental Music

Wind Symphony
Wind Ensemble
Jazz Ensemble
Concert Orchestra
Production Orchestra

Emphasis – Theatre

Theatre Essentials
Play Production
Children's Theatre
Ballet 1, Jazz 1, or Tap 1

Emphasis – Dance

Ballet 1 & Jazz 1
Tap 1 & 2
Ballet 2 or Pointe
Jazz 2
Modern Dance & Composition
Dance Ensemble

Emphasis – Musical Theatre

Ballet 1 and Jazz 1, or Tap 1
Theatre Essentials
Play Production
Show Choir
Musical Theatre

LIST OF APPROVED PRACTICAL ARTS COURSES

| COURSE NUMBER | COURSE NAME |
|----------------------|--|
| 5057 | Annual Production (Yearbook – 1 st semester) |
| 7615/7616 | Fire Cadet Exploration, Law Enforcement Exploration, Veterinary Medicine |
| 8169 | Digital Photography |
| 8007 | Internship |
| 5051 | Journalism (1 st semester only) |
| 5785/5786 | Lab Science Assistant |
| 5127/5128 | Leadership |
| 7027/7026 | Library Practice |
| 7323/7366 | Office Practice |
| 7799/7800 | Peer Tutoring |
| 8011/8012 | Teachers of Tomorrow |
| 7544/8031 | Video Production |
| 7727/7728 | Work Experience |
| 5405/5406 | |
| 8202/8242 | Ethics & Logic |
| 8238/8239 | Law & Order |
| 8228/8229 | Applied Legal |
| 8177/8178 | Movie Production |
| | All Practical Arts Courses |
| | All Computer/Career Tech Ed (CTE) Courses |

LIST OF APPROVED COMPUTER/TECHNICAL EDUCATION COURSES

| COURSE NUMBER | COURSE NAME |
|----------------------|--|
| 5183/5184 | A.P. Computer Science A |
| 5058 | Annual (2 nd semester only) |
| 7715 | Computer Applications |
| 8169 | Digital Photography |
| 5052 | Journalism (2 nd semester only) |
| 7544/8031 | Video Production |
| 7848 | Graphics and Publication |
| 8327/8328 | Exploring Computer Science AB |
| 8177/8178 | Movie Production |
| 8471/8472 | Robotics and Engineering |

Santa Susana High School 4 Year Planning Worksheet

After high school I want to:

Circle or fill in the courses you are taking and are planning on taking.

| GRADE 9 FRESHMAN | GRADE 10 SOPHOMORE | GRADE 11 JUNIOR | GRADE 12 SENIOR | CREDITS REQUIRED |
|---|---|---|--|---|
| <u>ENGLISH</u> CP English 9 English 9 Honors | <u>ENGLISH</u> CP English 10 English 10 Honors | <u>ENGLISH</u> CP English 11 AP English 11 | <u>ENGLISH</u> CP English 12 AP English 12 | ENGLISH 40 |
| <u>MATH</u> _____ | <u>MATH</u> _____ | <u>MATH</u> _____ | <u>ELECTIVE (MATH)</u> _____ | MATH 30 |
| SCIENCE CP Science 9 CP Biology | SCIENCE CP Biology CP Chemistry | SCIENCE CP Chemistry _____ | <u>ELECTIVE (SCIENCE)</u> _____ | SCIENCE 30 |
| HEALTH & COMPUTER EDUCATION (1 SEM EACH) (other if applicable) | | | | HEALTH & COMPUTER EDUCATION 5/5 |
| | SOCIAL SCIENCE CP World History AP World History | SOCIAL SCIENCE CP US History AP US History | SOCIAL SCIENCE CP Economics CP Am Gov AP Economics AP Am. Gov 1 SEM EACH | SOCIAL STUDIES 30 |
| PHYSICAL EDUCATION | PHYSICAL EDUCATION | <u>ELECTIVE</u> _____ | <u>ELECTIVE</u> _____ | 20 |
| <u>ELECTIVE</u> _____ | <u>ELECTIVE</u> _____ | <u>ELECTIVE</u> _____ | <u>ELECTIVE</u> _____ | FINE ART OR FOR. LANG-10 PRACTICAL ART- 5 & ELECTIVES 55 |
| FRESHMAN 60 | SOPHOMORE 60 | JUNIOR 60 | SENIOR 60 | 230 credits needed for graduation |

Remember, you must pass Alg I and the CAHSEE. Students can earn HS credit for classes passed with a 'D' or better. To be 'a-g' eligible, you must earn a 'C' or better in designated 'a-g' courses.

Name: _____

Counselor: _____

Academy: _____

Emphasis: _____

Santa Susana High School

UC/CSU Requirements

'a-g' Approved List

<http://doorways.ucop.edu/list>

To be 'a-g' eligible you must earn C's or better in ALL 'a-g' courses.
2015-2016

Use this worksheet to track the 'a-g' courses you have taken and are planning to take.

AP= Advanced Placement

P= Pending 'a-g' approval

CP= College Preparatory

H= Honors

* denotes weighted GPA point

Courses in BOLD denotes that the course can be used to fulfill the (g) elective requirement

| | | | |
|---|--|--------------------------------|------------------------|
| (a) History/Social Science <i>Two years required</i> | American Government(CP) | World History(CP) | |
| | American Government(AP)* US History(CP) US History(AP)* | World History(AP)* | |
| (b) English <i>Four years required</i> | English 9(CP) | English 11(CP) | |
| | English 9(H) | English 11(AP)* | |
| | English 10(CP) | English 12(CP) | |
| | English 10(H) | English 12(AP)* | |
| (c) Math <i>Three years required</i> <u>Four years recommended</u> | Algebra I(CP) | Statistics(CP) | |
| | Geometry(CP) | Calculus AB(AP)* | |
| | Algebra II(CP) | Calculus BC(AP)* | |
| | Algebra II/Trig(CP) | Statistics (AP)* | |
| | Math Analysis(CP) | Calculus C(H)* (P) | |
| (d) Lab Science <i>Two years required</i> <u>Three years recommended</u> | Biology(CP) | Physics 1 (AP) | |
| | Biology(AP) | Physics C(AP)* | |
| | Chemistry(CP) | | |
| | Environmental Science (AP) | | |
| (e) Foreign Language <i>Two years required</i> <u>Three-four years recommended</u> | French I(CP) | French(AP)* | Spanish III(H)* |
| | French II(CP) | Spanish I(CP) | German I(CP) |
| | French III(CP) | Spanish II(CP) | German II(CP) |
| | French III(H)* | Spanish III(CP) | |
| (f) Visual & Performing Arts <i>One year required</i> Must be a year long course | Adv. Womens Choir | Jazz Ensemble | Tap I |
| | Ballet I | Jazz I | Tap II |
| | Ballet II | Jazz II | Theater Essentials |
| | Basic Design | Modern & Composition | Video Production |
| | Broadcasting | Movie Production | Vocal Ensemble |
| | Chamber Choral | Play Production | Wind Ensemble |
| | Concert Orchestra | Production Orchestra | Wind Symphony |
| | Dance Ensemble | Show Choir | |
| | Drawing & Painting | Studio Art 2-D(AP)* | |
| | Drawing & Painting Adv. | Studio Art Drawing(AP)* | |
| | Jazz Choir | Symphony Orchestra | |
| | | | |
| | | | |
| | | | |
| (g) College Prep Elective <i>One year required</i> | Robotics and Engineering | Macroeconomics(AP)* (S) | |
| | Computer Science A(AP)* | Science 9(CP) | |
| | Economics(CP) (S) | Psychology (AP)* | |
| | Exp. Computer Science AB | | |
| | Journalism I | | |

Updated 1/21/2015

CRITERIA FOR VALEDICTORIAN/SALUTATORIAN

Valedictorian

The highest cumulative GPA in a college preparatory program and the highest class rank will be used to determine the Valedictorian. In those instances where two or more students have an identical GPA and that GPA is the highest in their class, they shall be designated Co-Valedictorians.

Salutarian

The student(s) with the second highest cumulative GPA in a college preparatory program shall be designated as Salutarian(s). In those instances where only one student is designated as Valedictorian and two or more students have the second highest GPA, Co-Salutarians will be named. All remaining students achieving a 4.0 or better shall be recognized as graduating with high honors.

The following factors are used in making the selection(s):

- Selection will be based upon graduation requirements plus the highest grades earned in electives totaling 210 credits (7 semesters). Additional courses beyond the 210 credits will not be used in the computation.
- Independent Study PE and community service for a practical art will be computed as a 4 point grade.
- Courses taken to meet graduation requirements or college entrance outside our school district are the only courses placed on the high school transcript and used in the computation.
- Community college courses will be computed on a 4 point grading scale.
- Students must have pursued a four-year college preparatory program.
- Students must be continuously enrolled during his/her entire high school career in six courses each semester.
- All AP and 5.0 Honors courses will be used in the computation.
- No U's in citizenship or effort will be allowed during the entire high school career.

Any program changes made to enhance or manipulate a student's class standing may disqualify him/her from receiving an honor.

All Valedictorians and Salutarians are encouraged to try out in order to give a speech at graduation, but being a Valedictorian or Salutarian does not guarantee a speech in the ceremony.

SELECTED COURSE LIMITATIONS

In keeping with Santa Susana's commitment to academic excellence and providing students with a quality educational experience, limitations have been placed upon selected courses.

No more than two of the following courses may be taken in any one semester.

| | | |
|--------------------|-----------------|-----------------------|
| Free Period | Office Practice | Science Lab Assistant |
| Library Practice | Peer Tutoring | Teacher Aid |
| Physical Education | | |

The following courses may not be taken more than twice.

| | | |
|------------------|-----------------------|-------------|
| Free Period | Office Practice | Teacher Aid |
| Library Practice | Science Lab Assistant | |

Santa Susana High School
GUIDANCE CENTER
www.sshscounseling.com

Dear SSSH students:

Santa Susana High School counselors are strongly recommending ALL students create an account on www.californiacolleges.edu to begin the process of planning for college and/or other post secondary opportunities.

Follow these steps to create and account NOW

Here are the step-by-step instructions for creating an individual account:

1. Create and account

- a. Go to www.californiacolleges.edu
- b. Click on “create an account” at the top right of the page
- c. Create a permanent account, following the site directions
- d. Be sure to write down your user name and password for future use
(USER NAME: your initials, birth month, birth date – emb0608)

2. Add your counselor

- a. Go to the home page and click on “add your counselor” (located in the lower right hand corner of the orange box)
- b. Use the following information to add your counselor – in doing so, your counselor can occasionally send you email reminders on important dates and events
Jillian Bischoff (A-G) (805) 520-6800 jillian.bischoff@simivalleyusd.org
Jody Melanson (Go-N) (805) 520-6800 jody.melanson@simivalleyusd.org
Kelsey McMahon (O-Z) (805) 520-6800 kelsey.mcmahon@simivalleyusd.org

3. Career Exploration

- a. Click on “careers” at the top on the menu bar
- b. Under “interests” click on “career key survey”
- c. Complete the survey
- d. What are your interests? _____
- e. Click on the “students career matching assistant”
- f. Complete the form
- g. Click on “view matching careers”

#1 Career Name:

What is the minimum education level for this career?
What is the salary for this career?
Do you find this career interesting? Why?

#2 Career Name:

What is the minimum education level for this career?
What is the salary for this career?
Do you find this career interesting? Why?

4. Start High School Planner

- a. Click on the “tools” tab at the top of the home page and select High School Planner under the Admissions section
- b. Click on “instructions” and follow the site directions – by selecting Santa Susana High School as your first step, the process of building your planner will be much easier
- c. Be sure to refer to your high school transcript or report cards so you can record your grades accurately
- d. If you input your grades each semester your college application will be pre-populated your senior year

Santa Susana High School

SSHS Graduation Requirements vs. College “a-g” Requirements

| Subject | SSHS Diploma* | “A – G” Requirements** | (a-g) |
|--|--|---|--------|
| English | 40 | 40 | b |
| Mathematics | 30 <i>must include:</i> Algebra I* | 30 <i>must include all:</i> Algebra I Geometry Algebra II | c |
| Physical Education | 20 | | |
| Fine Arts or Foreign Language | 10 | 20 Foreign Language & 10 Visual/Performing Art | e f |
| Social Science | 30 | 20 | a |
| Physical Science Biological Science Science Elective | 10 10 10 | 20 (College Prep Biological Lab Science & College Prep Physical Lab Science) | d |
| Practical Art | 5 | | |
| Health | 5 | | |
| Computer Education | 5 | | |
| Electives | 55 | 10 (<i>must be a college prep class</i>) | |
| Total | 230 | | |

For each semester course offering which is completed successfully, with a “D” or better, five (5) credits of required or elective credits are issued. To obtain credits an “A”, “B”, “C” or “D” grade is required. If a course is repeated to improve a grade, credit will be assigned only to the higher grade.

You must receive a grade of “C” or better to earn credit for the a-g requirement.

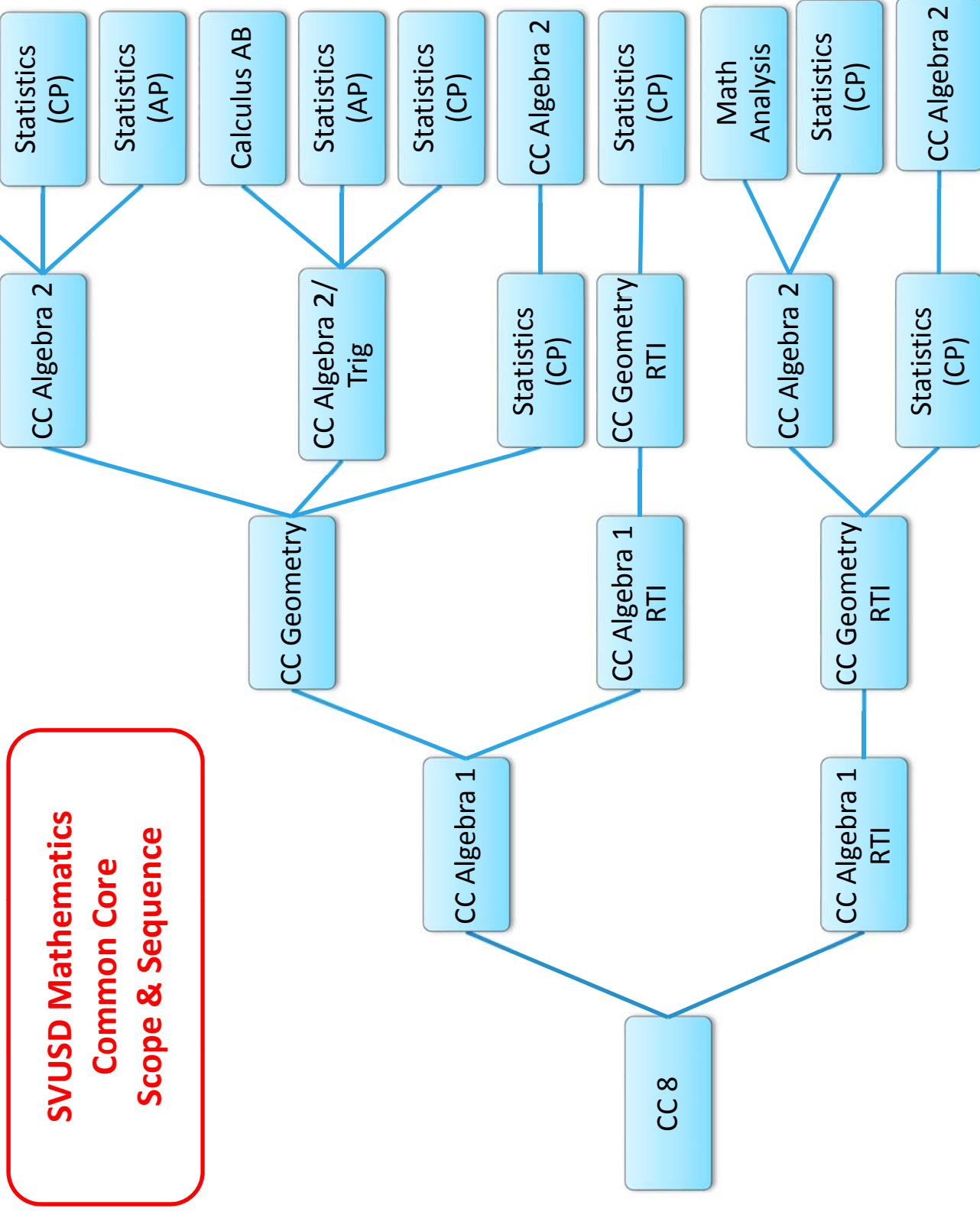
In addition to course requirements, all students must successfully pass the California High School Exit Exam (CAHSEE) before a high school diploma is granted.

*All students must complete a course that meets the state content standards for Algebra I (EC 51225.5).

Six class periods per day, plus lunch, is the standard student schedule.

Seniors **must** be enrolled in 5 classes each semester.

THE FINAL RESPONSIBILITY FOR MEETING GRADUATION REQUIREMENTS RESTS WITH THE STUDENT AND HIS/HER PARENTS.



SVUSD Science Scope and Sequence 2015-2016

| | 9th | 10th | 11th | 12th |
|------------------------------------|--|--|--|---|
| Honors/AP/IB | Honors Biology (d) AP Biology (d) by recommendation only | Honors Chemistry (d) AP Chemistry (d) by recommendation only | Honors Physics (d) AP Physics C (d) AP Physics I (d) AP Environmental (d) IB Biology (d) IB Physics (d) | Honors Physics (d) Honors Physiology (d) AP Physics C (d) AP Physics I or II (d) AP Biology (d) AP Chemistry (d) AP Environmental (d) IB Biology (d) IB Physics (d) |
| College Prep | Geoscience (g) Biology (d) | Biology (d) Chemistry (d) | Chemistry (d) Physics (d) | Honors Physics (d) Honors Biology (d) Honors Chemistry (d) Anatomy CP (d) |
| NGSS DCIs | ESS/PS | LS | PS | |
| Supports – RTI/SPED Tutoring | ↑ | ↑ | ↑ | ↘ |

(d) = UC “d” lab designation

(g) = UC “g” science elective designation

Note: Students can be enrolled in higher level courses at any time by recommendation.

IB courses offered at Royal High School.

COUNSELING AND GUIDANCE INFORMATION

PHILOSOPHY

The philosophy of the Simi Valley Unified School District is to offer students a comprehensive program of specific services which will enable each student to develop personal skills and to attain educational and career goals consistent with his/her interests and aptitudes.

ROLE AND RESPONSIBILITY OF COUNSELORS

The responsibility of the counselor is to focus on individual student needs and to guide the student in making appropriate decisions.

The counselor will provide the following services to all students when appropriate:

1. Meet with each pupil and, if practical, the parents or guardian of the pupil
2. Provide counseling services as follows:
 - Review academic progress
 - Assist in registering in appropriate classes
 - Interpret test data
 - Assist with career planning
 - Maintain academic records
 - Prepare student recommendations
 - Assist with post-high school planning
 - Assist in college and financial aid applications
 - Assist in decision-making
 - Assist in functioning productively within the school and family
 - Assist in clarifying personal goals
 - Assist in making appropriate behavior changes
 - Referral of the student with special needs to appropriate programs or agencies

PLACEMENT IN COURSES

Students are placed in courses based on academic objectives, future goals, test scores, teacher/counselor recommendations and past performance. In addition, students must meet established departmental standards. After the parent(s) and student have developed a course of study, a conference may be requested with a counselor. During the conference, the counselor will check the courses and inform the student of possible conflicts or errors. The counselor will make certain that students have teacher approval and/or necessary requirements or grades, which are required in order to enter some courses. The counselor may make recommendations for changes before approving the selected courses for the following year.

COURSE SCHEDULING

Once a student is scheduled for classes, changes of program are ALMOST IMPOSSIBLE TO MAKE! Therefore, it is imperative that a student consider his/her program important and carefully exercise available options ahead of time. When a student schedules classes for the spring, elective courses should be conscientiously considered. Alternates should be given the same consideration since they may be used when course conflicts arise or courses are canceled.

COURSE/SCHEDULE CHANGE POLICY

Schedule changes may be made for the following reasons only:

- 1) Student is lacking a graduation requirement (s), and doesn't have it scheduled.
- 2) Did not meet the course prerequisite with a "C" or better.
- 3) Duplicate (same class assigned twice) class assigned.
- 4) Class was taken in summer school (bring transcript to Registrar/Counselor to verify ASAP).
- 5) Schedule is missing a class/period _____.
- 6) Student previously failed course with same teacher.
- 7) Prior teacher approval, if required, was not obtained.

WORK PERMITS POLICY

In order for a student to obtain a work permit and keep it valid, it is the Simi Valley Unified School District Policy that students maintain satisfactory grades and attendance. (BP 5113.2, AR 5113.2)

California Education Code 49164 states in regard to work permit cancellations or revocation of work permits, "A permit to work shall be revoked by the issuing authority when satisfied that the employment of the minor is impairing the health or ***education of the minor***, or that any provision or condition of the permit is being violated, or that the minor is performing work in violation of any provision of the law."

It is the Simi Valley Unified School District Policy that students must:

- **Maintain a 2.0 G.P.A. (based on the last Grade Report issued).**
- **Maintain a 90% Attendance Rate (based on period absences).**
- **Have 6 or fewer Period Truants.**

Students are expected to meet the Work Permit Policy to qualify for a work permit. Students who DO NOT meet the Work Permit Policy standards may not be issued a work permit and/or the current work permits may be revoked.

If you have any questions, please call your school's Work Experience Office during school hours.

SPECIAL INTEREST PROGRAMS

ADVANCED PLACEMENT PROGRAM

Each high school offers Advanced Placement (AP) courses under the College Entrance Exam Board Advanced Placement Program. These courses are freshman level college courses and students may receive college credit for a course prescribed by the College Entrance Exam Board. Over 90% of the nation's colleges give credit to students whose AP examination scores are considered acceptable. Students may take the AP tests during the month of May (cost to the student is approximately \$90.00 per test). Course descriptions and prerequisites are listed under the various departments.

Students who wish to be considered for HONORS or ADVANCED PLACEMENT courses should seek enrollment information in the Counseling Office.

COLLEGE COURSES

College courses are available to students with a counselor's permission. Students may take courses at community colleges, private and public universities while still in attendance at the regular high school.

ADULT EDUCATION

Adult Education is open to students who are attempting to stay with their graduating class and who need to obtain the necessary credits. Students must obtain permission slips from their counselors. Required subjects must be taken at the high school unless they are being repeated. **Students must be 11th or 12th grade status.** Core courses do **not** meet A-G requirements. **High School seniors will be given priority at registration.**

WORK EXPERIENCE

Work Experience is a method by which eleventh and twelfth grade students can earn elective credits while obtaining career and vocational experience. In Work Experience, a student must have a job before enrolling in the program. Students must earn a minimum GPA of 2.0 and have satisfactory attendance to be eligible for Work Experience. By law, a work permit must be issued prior to employment for each student while under the age of 18. Work permits are issued in the Work Experience Office. Usually 24 hours are needed to process the required forms before a permit is issued.

CAREER EDUCATION CENTER (CEC) *Formerly known as (ROP)*

CEC constitutes an entry-level job training program that is held at various locations for eleventh and twelfth grade students. Most transportation is provided to and from the high school. Information can be obtained from the Work Experience Coordinator or Counselors.

CAREER DEVELOPMENT AND EXPLORATION/INTERNSHIP

Career Development and Exploration/Internship is an off-campus program that is offered to students in the eleventh and twelfth grades. Students spend up to two hours of school time per day at various jobs exploring a variety of occupations. Information can be obtained from the Work Experience Coordinator or Counselors.

COLLEGE AND CAREER CENTER

The College and Career Center assists students in assessing their interests and skills to help them make wise career choices. Many resources are available to inform students about career possibilities in the form of videos, books and computer software programs. The Armed Services Vocational Aptitude Battery exam (ASVAB) is offered. Guest speakers are invited to speak on various occupations, and job and interview skills. There are opportunities to visit local businesses and to observe employees on the job as well. College bound students will find college catalogs and a computerized scholarship search program for their use. College representatives visit the College and Career Center to speak with students. Parents and students are welcome to use the College and Career Center whenever possible.

COLLEGE ADMISSION TERMS

The following terms should be understood by students planning to attend a college or university:

Grade Point Average

A student's grade point average (GPA) is computed by assigning a numerical value to each course grade, adding total points, and dividing by the number of courses taken. To compute a GPA: A = 4, B = 3, C = 2, D = 1, F = 0. A GPA can range from 0.0 (an "F") to 4.0 (an "A"). Most colleges use a GPA based upon the marks earned from the beginning of tenth grade through the second semester of the eleventh and exclude physical education. **All AP courses are graded on a 5 point scale for students earning a grade of "C" or better.**

PSAT – Preliminary SAT

The Preliminary SAT (PSAT) is a shortened version of the SAT. This test is given at the high schools each year in October. For sophomores, this is an opportunity to practice for the SAT with the test results being useful in academic planning. When the test is taken in the junior year, student scores are screened for the National Merit Scholarship Competition. Students must sign up for this test at their respective high school. There is a charge for the PSAT just as there is for the SAT.

SAT: Reasoning Test

The SAT is a nationwide test that is required by many four-year institutions and is used to help determine eligibility for admission. **It is recommended that students take the SAT in their junior year.** If the score is not as high as hoped for, the student may retake the test in the fall of his/her senior year. **All college testing should be completed by December of the senior year.** The SAT is offered and administered by the College Board, a private testing service, and must be paid for by the student. Students should visit the College Board website to check the various test dates for the school year. Registration can be completed on-line at www.collegeboard.org or by calling (866) 756-7346.

SAT: Subject Tests

The SAT Subject Tests are examinations in specific subject areas that are administered by the College Board. The SAT subject tests are recommended by the University of California and some private colleges. The student should consult with the college catalog of his/her college to determine if SAT Subject Tests are necessary for admission and which tests should be taken in May or June of the junior year or when the student has completed the particular coursework.

ACT Test

The ACT is a nationwide test that is required by many four-year institutions and is used to help determine eligibility for admission. It is recommended that students take the ACT in his/her junior year. **All college testing should be completed by December of the senior year.** The ACT is offered and administered by the ACT, a private testing service, and must be paid for by the student. Students should come into the Counseling Office in September to check the various dates for the school year. Applications for registration are available in the Counseling Office and should be mailed by the student six weeks prior to the test date requested. Registration can be completed on-line at www.ACT.org or by calling (319) 337-1270.

See page 7 for CSU/UC A-G Subject Requirements.

2015-2016 NATIONAL TESTING CALENDAR (Preliminary)

Register for SAT online at: www.collegeboard.org

SAT®, PSAT and ACT Test Dates

Registration Deadlines

| 2015 National Test Dates | Test |
|---|---------------------------------|
| January 24 th , March 14 th , May 2 nd , June 6th | Tentative SAT and Subject Tests |

Please check website for updated information.

Fee waivers are available for qualified students.

Students with disabilities need to fill out an application in the spring prior to testing in order to receive special testing accommodations.

Test dates fall on the first Saturday in November, December, May and June; the second Saturday in October and March; and the fourth Saturday in January

PSAT/NMSQT® Test Dates

| |
|-----------------------------|
| Wednesday, October 14, 2015 |
| Saturday, October 17, 2015 |

Check with your counselor for new dates.

2015-2016 ACT National Test Dates

For the United States, U.S. Territories, Puerto Rico and Canada

| Test Date | Regular Registration Postmark Deadline (regular fee) | Late Registration Postmark Deadline (late fee) |
|--------------------|--|--|
| February 7, 2015 | January 9, 2015 | January 10-16, 2015 |
| April 18, 2015 | March 13, 2015 | March 14-27, 2015 |
| June 13, 2015 | May 8, 2015 | May 9-22, 2015 |
| September 12, 2015 | | |
| October 24, 2015 | | |
| December 12, 2015 | | |
| | | |
| | | |

Registration deadlines
for 2015-2016 will be
announced in March
2015

***** No test centers are scheduled in New York for the February test dates.***

CALIFORNIA HIGHER EDUCATION OPPORTUNITIES

| | COMMUNITY COLLEGES | CAL STATE UNIVERSITY | UNIVERSITY OF CALIFORNIA | INDEPENDENT COLLEGES |
|---|--|--|---|---|
| NUMBER OF CAMPUSES | 112 statewide | 23 campuses statewide 10 | campuses statewide 112 | statewide |
| NATURE OF PROGRAMS AND CURRICULUM | Two-year colleges: (1) Career and job entry majors (2) T transfer coursework (3) A.A. and A.S. degrees (4) Vocational Certificates | Four-year colleges with graduate programs: (1) Wide variety of majors and programs, depending on the campus (2) Pre-professional programs (3) B.A. and B.S. degrees (4) M.A. and M.S. degrees (5) Teaching credentials (6) Joint-Doctoral degrees offered at some campuses (e.g. Ed.D.) | Four-year colleges with graduate and professional schools: (1) Various majors and programs, depending on the campus (2) Pre-professional studies (3) B.A. and B.S. degrees (4) M.A. and M.S. degrees (5) T teaching credentials (6) Doctorates and professional degrees (e.g. medicine, law, dentistry, etc.) | Wide variety of environment and opportunities depending on campus. Some have religious affiliations. Two-year colleges, four-year colleges, graduate and professional schools are available. Various majors, programs and degrees levels offered. |
| FEES AND TUITION (WITHOUT HOUSING) | Approximately \$46 per semester unit | Approximately \$12,000 per year | Approximately \$18,200 per year | Approximately \$20,000 to \$50,000 plus per year |
| TOTAL COSTS (WITH HOUSING) ON-CAMPUS | | Approximately \$23,260 per year | Approximately \$32,400 per year | Approximately \$28,000 to \$55,000 plus per year |
| FRESHMAN ENTRANCE REQUIREMENTS | No subject requirements, must be 18, high school graduate, or passed the CHSPE (GED). | A minimum 2.0 GPA in A-G subjects & meet Eligibility Index. CSU A-G subject requirements: (a) U.S. History/Govt./Social Science – 2 years (b) English – 4 years (c) Math – 3 years (d) Laboratory Science – 2 years (e) Foreign Language – 2 years (f) Visual & Performing Arts – 1 year (g) College Prep Electives – 1 year All Students Must Take SAT I or ACT | A minimum 3.0 GPA in A-G subjects & meet Eligibility Index. UC A-G subject requirements: (a) History/Social Science – 2 years (b) English – 4 years (c) Math – 3 years (d) Laboratory Science – 2 years (e) Foreign Language – 2 years (f) Visual & Performing Arts – 1 year (g) College Prep. Electives - 1 year SAT I or ACT. SATII Subject Test recommended at certain campuses for specific majors. | Wide variety of requirements. Most prefer students who have met the CSU or UC entrance requirements. Some require a minimum of a 2.0 GPA. Check the individual catalogs. |
| (1) SUBJECT AND GPA | | | | |
| (2) TEST REQUIREMENTS | | | | SAT or ACT. Some require additional tests. Check catalogs for specific test requirements. |

The final responsibility for meeting minimum college entrance requirements rests with the student and his/her parents or guardians.

SVUSD College and Career Readiness

Today students are preparing to enter a work force which competes in a global economy. To ensure that our students are prepared for success in this global market, SVUSD is in the process of aligning curriculum and instruction to align with the Common Core State Standards (CCSS) that facilitate 21st century skills to support both College and Career Readiness. Adopted in 2010 by California, CCSS establishes clear, consistent guidelines for what every student should know in the areas of English Language Arts and mathematics from kindergarten to 12th grade. Common Core State Standards were established “to define the knowledge and skills students should achieve in order to graduate from high school ready to succeed in entry-level, credit-bearing academic college courses and in workforce training.”

California schools are charged today with preparing students for not only entrance into the university, but both college and career readiness. College and Career Readiness is an integral part of implementation of academic subjects as well as career technical education skills embedded in the Common Core Standards. Such 21st century skills include: critical thinking, problem solving, collaboration, communication, creativity and innovation, which are key elements of success in navigating a rapidly changing economic market.

California Education Code 51228 (b), states: Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study that provides an opportunity for those pupils to attain entry-level employment skills in business or industry upon graduation from high school. Districts are encouraged to provide all pupils with a rigorous academic curriculum that integrates academic and career skills, incorporates applied learning in all disciplines, and prepares all pupils for high school graduation and career entry.

Given the state's adoption of Common Core State Standards (CCSS) for English language arts and mathematics, as well as changes that have occurred in the U.S. economy since 2005, it was determined that a revision of the Career Technical Education (CTE) standards was necessary to align CTE programs with the CCSS standards and current economic conditions. Once considered vocational classes primarily for non –college bound students, the new CTE standards have an expanded focus to include a broad spectrum of students with a variety of career goals from entry level jobs to advanced degrees from universities. With the assistance of over 1000 professionals from business, industry, post-secondary and secondary education professionals, the revised California CTE standards will assist schools in keeping pace with the new economic and educational opportunities in California.

Career Technical Education standards were reorganized into California's 15 high-employing industry sectors and were aligned with one or more Common Core English language arts and mathematics standards, Next Generation Science Core Ideas, and history/social studies standards.

For many years SVUSD has offered quality CTE programs at our secondary schools and Adult Education. In the 2015-16 school year, SVUSD will launch/expand career pathways in the following sectors: Arts, Media, and Entertainment, Building and Construction Trades, Business and Finance, Energy, Environment, and Utilities, Fashion and Interior Design, Health Science and Medical Technology, Hospitality and Food Science, Information and Communication Technologies, Information Support and Services, Manufacturing and Product Development, Marketing, and Public Services. These pathway sectors will connect middle to high schools and high schools to both Adult Education certifications and Ventura County Community Colleges/Universities. Students will be able to earn articulated credit for both high school courses that will appear on their college/university transcripts. This collaboration between industry sector professionals, college and university faculty and middle and high school teachers will ensure a smooth transition for SVUSD students into the careers of their dreams.

| Industry Sector | Pathway | High School |
|--|--|---------------------------------|
| Arts, Media, and Entertainment | Design and Visual Media | Santa Susana High School |
| | Production and Managerial Arts | Santa Susana High School |
| Building and Construction Trades | Cabinetry, Millwork and Woodworking | Apollo Continuation High School |
| | Cabinetry, Millwork and Woodworking | Royal High School |
| | Cabinetry, Millwork and Woodworking | Simi Valley High School |
| Business and Finance | International Business | Royal High School |
| | Finance/Accounting | Royal High School |
| Energy, Environment, and Utilities | Environmental Resources | Royal High School |
| | Environmental Resources | Simi Valley High School |
| Fashion and Interior Design | Fashion Merchandising | Simi Valley High School |
| Health Science and Medical Technology | Patient Services | Simi Valley High School |
| | Biotechnology | Simi Valley High School |
| Information and Communication Technologies | Information Technology | Santa Susana High School |
| Information Support and Services | Computer Aided Robotics | Santa Susana High School |
| | Computer Aided Robotics | Royal High School |
| | Computer Aided Robotics | Simi Valley High School |
| Manufacturing and Product Development | Computer Aided Design (CAD) and Drafting | Simi Valley High School |
| Marketing | Marketing | Simi Valley High School |
| Public Services | Homeland Security (Jr.ROTC) | Royal High School |
| | Police | Royal High School |
| | EMT/Fire | Simi Valley High School |
| | Legal Services | Santa Susana High School |

*While schools listed above may offer additional CTE courses, the ones listed above have a developing pathway and college articulation agreements for the graduating Class of 2019 (incoming freshman class.) The Class of 2019 will also be enrolled in a career planning class during their freshman year.

**The Class of 2016, 2017, and 2018 will also have the opportunity to enroll in CTE courses aligned to their career choice which may offer college articulation credit.

ARTS MEDIA AND ENTERTAINMENT PATHWAY

Fine and Visual Arts

In keeping with the California Education Code (39526), this department should be reimbursed for specialty materials used in the creation of projects before the project may be considered the property of the student.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------|--|
| Advanced Placement Art History #H5723 – 1st Sem. #H5724 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th –12 th Year 10 Credits | SVHS | <p>No prior experience in the history of art is assumed for those students who take this course. Students who have done well in other courses in the humanities, such as history and literature, or in any of the studio arts are especially encouraged to enroll. While the course does not assume prior training or seek primarily to identify students who will major in art history in college, it does require a high degree of commitment to academic work and to the purpose of a program designed to meet college standards. A student may receive college credit upon passing the College Board AP Exam.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Completion of World History with a grade of “B” or better and teacher approval.</p> |
| Advanced Placement Studio Art: 2-D Design #H5721 – 1st Sem. #H5722 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th –12 th Year 10 Credits | ALL | <p>The Advanced Placement program provides an opportunity for secondary students to pursue and receive credit for college-level course work. This course is to meet the requirements to complete a portfolio established by the College Board. The student will create a three-part portfolio that demonstrates a fundamental competence and range of understanding of two-dimensional visual methods, applications and concepts. Students create two-dimensional art in one or more of the following areas; traditional design studies, graphic arts, photography, computer imaging. A student may receive college credit upon passing the College Board AP Exam.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Completion of Basic Design with a grade of “B” or better, completion of Drawing & Painting with a grade of “B” or better and/or Teacher Approval.</p> |
| Advanced Placement Studio Art: 3-D Design #H8224 – 1st Sem. #H8225 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 10 th –12 th Year 10 Credits | ALL | <p>The Advanced Placement program provides an opportunity for secondary students to pursue and receive credit for college-level course work. This course is to meet the requirements to complete a portfolio established by the College Board. The student will submit a three-part portfolio that requires demonstration of fundamental competence and range of understanding of three-dimensional visual methods, applications and concepts. Students will demonstrate their understanding of the art elements and design principles as they relate to sculptural forms. Work may include figurative or nonfigurative sculpture, architectural models, ceramics, fiber arts, and found object assemblage. A student may receive college credit upon passing the College Board AP Exam.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Completion of Basic Design with a grade of “B” or better, completion of Drawing & Painting with a grade of “B” or better and/or Teacher Approval.</p> |
| Advanced Placement Studio Art: Drawing #H5725 – 1st Sem. #H5726 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th –12 th Year 10 Credits | ALL | <p>This course guides students to refine their drawing and painting skills, to fulfill specific drawing assignments, and to develop a body of artwork they find to be an interesting artistic pursuit. The course will be designed to meet the requirements to complete a portfolio established by the College Board. The student will create a three-part portfolio that shows an understanding and exploration of a broad range of drawing issues. Students work from observation and imagination to master multiple drawing issues. A student may receive college credit upon passing the College Board AP Exam evaluation.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Completion of Basic Design with a grade of “B” or better, completion of Drawing & Painting with a grade of “B” or better and/or Teacher Approval.</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|-------------|--|
| IB Visual Arts SL #H8487 – 1st Sem. #H8488 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | RHS | Visual arts continually open up new possibilities and challenge traditional boundaries. This is evident both in the way we make art and in the way we understand what artists from around the world do. Theory and practice in visual arts are dynamic and ever-changing, and connect many areas of study and human experience through individual and collaborative production and interpretation. The Diploma Programme visual arts course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual arts in higher education and also welcomes those students who seek life enrichment through visual arts. Satisfies UC/CSU “g” elective requirements. <i>PREREQUISITE(S): None</i> |
| IB Visual Arts HL #H8489 – 1st Sem. #H8490 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | RHS | The Diploma Programme visual arts course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual arts in higher education and also welcomes those students who seek life enrichment through visual arts. This higher level course will develop and demonstrate technical competence and artistic qualities that challenge and extend personal boundaries (option A) and technical competence and self-direction (option B.) Finding one’s direction and “artistic voice” is a focus of this year. Discussions ensue about knowledge and how “the right choices” are achieved in the arts. Is there a “right” answer when making art? How are aesthetic decisions made? What is called upon in ourselves to make such decisions? Can artistry be learned? Preparations for assessment Preparations for Art Exhibit Satisfies UC/CSU “g” elective requirements. <i>PREREQUISITE(S): Successful completion of IB Visual Arts SL.</i> |
| Basic Design #H8383 – 1st Sem. #H8039 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | Basic Design introduces many art and design concepts and techniques. Students will be introduced to drawing skills such as perspective and shading. Color projects such as painting and collage are explored. This course highlights careers in the arts, artistic trends, and art from various cultures. Major Student Outcomes Foster an understanding and appreciation for the elements and principles of visual design. Stimulate creativity and an inventive approach to design concepts and media through studio experiences. Develop skills in the application of design concepts. Increase knowledge of significant artistic styles and artists and their influence on society, both historically and in the twenty-first century. Satisfies UC/CSU requirements. <i>PREREQUISITE(S): None</i> |
| Broadcasting #H8173 – 1st Sem. #H8174 – 2nd Sem. <i>Repeatable for credit</i> | 11 th -12 th Year 10 Credits | RHS SSHS | This high level course is designed to give students a hands-on experience with producing a school news magazine show for broadcast on a regular basis. Students from different disciplines are brought together to produce a school oriented show to be broadcast on public access cable television. Students are responsible for the visual and technical aspects of the production including: storyboarding, shooting of footage, quality control, graphics and music creation, editing compilation of articles into a 30 minute show and authoring to DVD. Satisfies UC/CSU requirements. <i>PREREQUISITE(S): Completion of Video Production-Beginning, Studio Production, Video Editing with a grade of “B” in each.</i> |
| Ceramics #H7373 – 1st Sem. #H8032 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | Ceramics offers the student exposure to the basic three-dimensional design concepts through the medium of clay. Students will experience various construction techniques to include hand-building processes to a more advanced level of proficiency as well as an introduction to the potter’s wheel. Satisfies UC/CSU requirements. <i>PREREQUISITE(S): None</i> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------------|---|
| Ceramics Advanced #H7367 – 1st Sem. #H7368 – 2nd Sem. <i>Repeatable for credit</i> | 10 th –12 th Year 10 Credits | RHS SVHS | <p>This course is for students who have successfully completed Ceramics and wish to continue in the area of ceramics on a more advanced level. Students begin to work more independently than in Ceramics. Students will learn how to throw three-dimensional forms on the potter's wheel. They will begin to combine wheel-thrown forms with hand-built forms, which the student learned in Ceramics.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Grade of "C" or better in Ceramics or permission from current Ceramics instructor.</i></p> |
| Drawing and Painting #7391 – 1st Sem. #7392 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>This course introduces the discipline of drawing and painting to the student. It emphasizes necessary skills to provide students with a perceptual base leading to successful drawing and painting experiences. Each unit stresses the four art components: artistic perception, creative expression, historical and cultural context and aesthetic valuing.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Basic Design</i></p> |
| Drawing and Painting Advanced #7393 – 1st Sem. #7394 – 2nd Sem. <i>Repeatable for credit</i> | 10 th -12 th Semester 5 Credits | SSHS SVHS | <p>The major emphasis of this course is to expand the student's ability to apply principles, theories and techniques of drawing and painting to problems of conceptual and representational expression. The student is made aware of his/her own artistic voice as the course progresses. This course will include creating a portfolio and a sketchbook and will further explore the cultural, historical and career aspects of this academic discipline.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Successful completion of Drawing and Painting and/or teacher approval.</i></p> |
| Film Studies I/II #H8335 – 1st Sem. #H8336 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th - 12 th Semester 5 Credits | SVHS | <p>Students will understand the elements of film style, analyze narrative films as works of art, recognize a variety of forms of cinematic expression including genre and non-narrative films, understand the historical development of cinema, in the last 100 years of American film, with emphasis on the development of technical and narrative elements, the emergence of the great directors, and the evolution of the major genres, retain and properly use a cinematic vocabulary necessary to the formal study of film.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): CP English 10 or, AP English 10 or, Honors English 10</i></p> |
| Graphics and Publication #H7849 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SSHS | <p>Students will learn the basics of page layout design for magazines, newsletters, newspapers and other publications. They will also incorporate original and pre-designed art with computer programs to produce professional products, photo manipulation and vector drawing. The course will reinforce students' English skills and will further develop artistic designing capabilities.</p> <p><i>PREREQUISITE(S): None</i></p> |
| Movie Production #8177 – 1st Sem. #8178 – 2nd Sem. <i>Repeatable for credit</i> | 10 th –12 th Year 10 Credits | SSHS | <p>Students will write, direct, edit and apply the Hollywood film production process to making 4 original short movies shot on mini DV tape and edited with Final Cut Pro. The course is designed to give hands-on experience in all aspects of film production and design. Assignments are designed to assist students in identifying and achieving their goals and to help them effectively transition from classroom to institutions of higher education or to careers in entertainment industry.</p> <p><i>PREREQUISITE(S): A grade of "C" or better in Video Production, Television Studio Production, Video Editing, and teacher approval.</i></p> |
| Digital Photography #8169 – 1st Sem. #8170 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>This course is intended to develop an understanding of the technical and aesthetic foundations in photography through the latest digital technology. Students will take their own digital photographs and then utilize various digital photographic techniques; imaging scanning, digital printing, and Adobe Photoshop. This course will be based on the Visual Art Content Standards for the State of California.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): None</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|--|
| Digital Photography Advanced #8271 – 1st Sem. #8272 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SVHS | <p>This course explores various forms of expression and techniques using the principles and elements of design through digital photographic media. Students will develop mastery in concept, composition, problem solving, execution and technique. They will create work that helps develop their own style and mode of expression. They will conduct research, keep journals and have class and individual critiques. High quality work is expected. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>Successful completion of Digital Photography A/B or Photography I.</i></p> |
| Photography #7413 – 1st Sem. #7414 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS | <p>An introduction to photography as a fine art. Good photographic composition, lighting and creativity will be stressed. The course will cover developing and darkroom techniques. Photography will be seen as an important visual means of communication in our society. It is recommended that you have a 35 mm camera. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Senior Studio #7901 – 1st Sem. #7902 – 2nd Sem. <i>Repeatable for credit</i> | 12 th Semester 5 Credits | SSHS | <p>Students will apply knowledge of target area to develop specialized projects of a quality appropriate for inclusion in a personal performance portfolio.</p> <p>PREREQUISITE(S): <i>Teacher and administrative approval of submitted project proposal. Completion of all pertinent courses offered in the target area with grade of "B" or better.</i></p> |
| Television Studio Production #8179 – 1st Sem. #8031 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SSHS | <p>This class is designed to give self-disciplined, ethical students hands-on technical and artistic training with television studio equipment. Students will rotate through every position on a studio crew during mock news shows. They will study and build the skills and artistic techniques of directing, assistant directing, technical directing, audio engineering, B roll operation, graphics design and operation, teleprompting, record engineering, floor managing, lighting design, studio camera operation, gripping, equipment management and maintenance. Students will also take turns at being the "talent". Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>Completion of 1st semester Video Production with a grade of "C" or better AND demonstrate self-discipline and ethical behavior. Teacher approval required.</i></p> |
| Video – TA #H7855 – 1st Sem. #H7856 – 2nd Sem. <i>Repeatable for credit</i> | 11 th –12 th Semester 5 Credits | SSHS | <p>Video TA's will assist in the video studio and throughout the school as a videographer, editor and instructor about the equipment and video techniques <u>as needed</u> for classroom projects, school performances and morning announcements. Students must be self-motivated and will frequently be required to work outside of regular class time.</p> <p>PREREQUISITE(S): <i>Completion of Video Production with a grade of "B" or better and teacher approval.</i></p> |
| CEC Graphic Design #H7292 – 1st Sem. #H7293 – 2nd Sem. | 11 th –12 th Year 20 Credits | ALL | <p>This course is designed to prepare students for entry-level employment in the advertising and graphic design industries. Students will develop a variety of two and three-dimensional projects. Students will learn about basic design and composition, principles of color, layout and paste-up, basic ruling and inking, the fundamentals of type usage, and basic computer word processing and desktop publishing skills using a Macintosh computer system. Students will intern the last 6 weeks of the <u>second</u> semester.</p> <p>Graphic Design also meets periods 5 & 6 or 7 & 8 at SANTA SUSANA HIGH SCHOOL. Both semesters must be taken.</p> <p>PREREQUISITE(S): <i>None</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|---|
| CEC Video Production #H8291 – 1 st Sem. #H8292 – 2 nd Sem. | 11 th -12 th Year 20 Credits | ALL | <p>This course introduces students to the art and language of film and video production. Students will learn specialized vocabulary and use it to express themselves clearly in their writings about film and video. The course will focus on film and television history, criticism, analysis of video and film, and shooting and editing techniques using video cameras and digital linear and non-linear editing systems.</p> <p>This class meets at Santa Susana High School Monday through Friday for two hours per day, during periods 7 and 8. Students must provide their own transportation to Santa Susana High School.</p> <p><i>PREREQUISITE(S): None</i></p> |
| Video Production (Intro to Film, Television & Video Production) #H7544 – 1 st Sem. #H8031 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>This course is designed to introduce beginning students to the artistic, creative and historical background of the film and television industry. They are taught basic camera, lighting and sound techniques that will allow them to produce a variety of projects to practice and demonstrate production skills. Writing, verbal and visual skills are integrated in lessons so that the students will learn all aspects needed for high-level video productions.</p> <p>Satisfies UC/CSU for “f” elective requirements.</p> <p><i>PREREQUISITE(S): None</i></p> |
| Video Production- Advanced (An in- depth study of Film, Television & Video Production) #H7929 – 1 st Sem. #H7930 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | <p>This course is designed to give the advanced student an in-depth study of the artistic, creative and historical background of the film and television industry. They study the work of outstanding pioneers to present directors, cinematographers and sound and light technicians. They are taught camera, lighting and sound techniques that will allow them to produce a short film, documentary, commercial, Claymation or animation short and professional level newscast. Students will be introduced to career opportunities in this field and how they interact with other art forms. Writing, verbal and visual skills are integrated in lessons, so that the student will learn all aspects needed for high-level video productions.</p> <p>Satisfies UC/CSU for “f” requirements.</p> <p><i>PREREQUISITE(S): Video Production</i></p> |

Performing Arts

STUDENTS WHO REPRESENT THE SCHOOL IN EXTRA CURRICULAR ACTIVITIES, COMPETITIONS OR PERFORMANCES MUST BE ACADEMICALLY ELIGIBLE.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|---|
| DANCE | | | |
| Ballet I #H7832 - 1st Sem. #H8087 - 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | <p>This course will introduce the student to the fundamentals of classical ballet technique. Barre and center work will provide the foundation for proper ballet technique, increased flexibility, strength, coordination, and control. Course includes lecture & demonstration, written critical analysis of concert dance, performance-based and research based projects, use of audio, video, and computer equipment for creating/editing purposes, with resultant reflection, assessment and discussion works reviewed.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): No prerequisites at present time.</p> |
| Ballet 2 #H8137 - 1st Sem. #H8138 - 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | <p>This course is an expansion of Ballet I designed to further the student's understanding of ballet technique, focusing on perfecting placement, alignment, refining line, cleaning beginning technique and will introduce more intermediate and advanced ballet techniques. Course includes lecture & demonstration, written critical analysis of concert dance, performance-based and research based projects, use of audio, video, and computer equipment for creating/editing purposes, with resultant reflection, assessment and discussion works reviewed. Combinations will combine the development of balance, alignment, flexibility and control with some room for personal expression/creativity. Second semester will concentrate on developing the tools of effective composition and choreography through multiple in-class movement studies and exercises, including Action/Reaction.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Successful completion of Ballet I with a grade of "B" or better and/or teacher approval through audition.</p> |
| Modern Dance & Composition #H8139 – 1st Sem. #H8140 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits | SSHS | <p>This course is an introduction to the fundamentals of modern dance (first semester), and will explore the basic principles of dance composition and choreography (second semester).</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Successful completion of one previous dance class at SSHS or teacher approval.</p> |
| Dance Ensemble #H8107 – 1st Sem. #H8108 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | <p>This course focuses on learning repertory choreographed by students, faculty and guest artists. Instruction is centered around developing and strengthening individual technique, creative expression and performance abilities. Students are exposed to a variety of dance genres which expands cultural awareness, enhances dance education and increases versatility. This class culminates in rehearsal and performance for school events, community events, performances, competitions and formal concert environments. This class may be taken four (4) times for credit.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREQUISITE(S): Successful completion of Jazz II with the letter grade of a "B" or better, or teacher waived verification of equivalent experience and intermediate to advanced mastering of technique determined by audition.</p> |
| Jazz 1A/1B #H8141 - 1st Sem. #H8142 - 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | <p>This course is an introduction to the fundamentals of jazz and develops basic skills in modern jazz technique. Emphasis is placed on the basic compositional elements of jazz and principles of choreography. Exercises help to increase flexibility, strengthen muscles and develop motor coordination and control. Style, form, rhythm and movement are explored and developed which leads to an understanding and appreciation of jazz as a visual art form.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): 1A: Teacher approval through audition, interview and assessment. 1B: Successful completion of 1A with grade "C" or better and/or teacher approval through audition and assessment.</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|---|
| Jazz Dance 2A/2B #H8143 – 1 st Sem. #H8144 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | This course expands on jazz dancing technique, introducing aerodynamic jumps and turns and more complex choreography. It emphasizes necessary skills to further the development of motor coordination, jazz techniques, intermediate to advanced levels of choreography and more advanced rhythm structures. It promotes freedom of creative expression and further expands historical awareness. Satisfies UC/CSU requirements. PREREQUISITE(S): Successful completion of Jazz I with a grade of “B” or better and/or teacher approval through interview and audition. |
| Pointe #H8311 – 1 st Sem. #H8312 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | This course will introduce the student to beginning and intermediate classical ballet Pointe technique. This class is an expansion of Ballet II designed to further the student's understanding of ballet technique, focusing on gaining an understanding of proper Pointe placement, perfecting body placement, alignment, refining line, cleaning technique and will introduce more intermediate and advanced ballet technique, steps, concepts and vocabulary, both at barre and in center. Course includes lecture & demonstration, written critical analysis of concert dance, performance-based and research based projects, use of audio, video, and computer equipment for creating/editing purposes, with resultant reflection, assessment and discussion works reviewed. PREREQUISITE(S): Successful completion of Ballet II with the grade of “B” or above and/or teacher approval through audition. |
| Tap 1A/1B #H8149 – 1 st Sem. #H8150 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SSHS | This course develops basic skills in tap technique. Emphasis is placed on the basic compositional elements of tap and principles of choreography. Knowledge gained from exploring rhythm, rhythmic structures, style and technique leads to an understanding and appreciation of tap as an art form. Satisfies UC/CSU requirements. PREREQUISITE(S): Teacher approval through audition, interview and assessment. |
| Tap 2A/2B #H8151 (2A) 1 st Sem. #H8152 (2B) 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | This course expands on tap dancing techniques introducing irregular and syncopated rhythms. It emphasizes necessary skills to further the development of motor coordination, tap techniques, intermediate to advanced levels of choreography and more advanced rhythm structures. It promotes freedom of creative expression and further expands historical awareness. Satisfies UC/CSU requirements. PREREQUISITE(S): 2A: Successful completion of Tap Dance 1 with grade “C” or better and/or teacher approval through audition and assessment. 2B: Successful completion of Tap Dance 2A with grade “B” or better and/or teacher approval through audition and assessment. |
| THEATER | | | |
| Children's Theatre #H5659 – 1 st Sem. #H5660 – 2 nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits | SSHS | This course is designed for the advanced theater student. Students will be given the opportunity to perform a children's play at elementary schools, as well as the opportunity to (individually or with a group) write an original children's play. This includes producing directing, acting and backstage technical experience. Satisfies UC/CSU requirements (pending) PREREQUISITE(S): Theater Essentials or equivalent and audition. |
| Creative Dramatics #H8187 <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SVHS | This course is designed as a Performing Arts elective for students that would benefit from theatre games which develop self-discovery, communication and team building skills without preparing them for traditional theatrical performances. PREREQUISITE(S): None |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------------|--|
| Musical Theatre Production #H8099 – 1 st Sem. #H8100 – 2 nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 20 Credits | SSHS | <p>The course goal of Musical Theatre Production is to advance the knowledge and training of performing arts students within the three art disciplines: theatre, music, and dance. This course is designed for selected students who have demonstrated an above average interest and ability within the performing arts disciplines. Musical Theatre students will participate in a multitude of research, production and performance projects. This course is designed to be two (2) hours per day, in order that students have ample opportunity to devote the appropriate time needed for class projects and benefit fully from their endeavors.</p> <p>Satisfies UC/CSU requirements (pending)</p> <p>PREREQUISITE(S): <i>Completion of Theatre Essentials, Beginning Choir or equivalent, Jazz I or equivalent with a grade no lower than a "C" and audition.</i></p> |
| Play Production #H5657 – 1 st Sem. #H5658 – 2 nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits | SSHS SVHS | <p>This course is designed to advance the knowledge and training of advanced theater students with the use of acting skills, techniques and research projects as well as formal stage performances.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>Theater Essentials or equivalent and audition.</i></p> |
| Stage Costuming and Makeup #H7460 <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS | <p>Emphasis in this class is on understanding the functions, styles and uses of theatrical costuming and makeup and how they are a necessary part of a modern theatrical production. Current trends of fashion and makeup are also explored. Students will learn basic sewing techniques. The skills taught may be implemented during the school productions.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Technical Theater #H8307-1 st Sem. #H8308-2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SVHS | <p>Technical Theater will teach all the technical aspects of theater, including lighting, sound, stage, light design and construction. Students will acquire basic skills through demonstration and practical experience. Stage and house management and publicity will be taught and implemented during school productions and performances.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Theater Arts I #H5063 – 1 st Sem. #H5064 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | <p>The primary goal of this course is the development of each student's imagination, problem-solving and communicative potential. Students will originate and perform monologues and scenes, as well as, produce and respond to theatrical productions. In this course, students will also develop a knowledge of and appreciation for drama/theater heritage.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Theater Arts II #H5065 – 1 st Sem. #H5066 – 2 nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits | RHS SVHS | <p>The primary goal of this course is to advance the knowledge and training of students who have successfully completed Theater Arts I or its equivalent. Students will be expected to be active in all phases of production. Critical analysis of the theater will be refined and expanded as will the study of theater's historical and cultural backgrounds.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>Grade of "B" or better in Theater Arts I or teacher approval.</i></p> |
| Theatre Essentials #H8236 – 1 st Sem. #H8237 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | <p>The primary goal of this course is the development of each student's imagination, problem solving and communicative potential. Students will originate and perform monologues and scenes as well as produce and respond to theatrical productions. In this course, students will also develop a knowledge of and appreciation for drama/theatre heritage.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| CEC Stagecraft Technology #H8065 – 1 st Sem. #H8066 – 2 nd Sem. | 11 th -12 th Year 20 Credits | ALL | <p>This course is designed for students who wish to learn about the backstage/"behind the camera process". They will learn how to design and use lights, sound, costumes, sets, make-up, props, stage management and technical direction. Designed for students preparing for a career in show business. Students will intern the last 8 weeks of the <u>second</u> semester. This class meets at Santa Susana High School, Monday thru Friday, two hours per day, during periods 6 and 7, or 8 and 9. STUDENTS MUST PROVIDE THEIR OWN TRANSPORTATION TO SANTA SUSANA HIGH AND THE INTERN SITE.</p> <p>PREREQUISITE(S): <i>None</i></p> |

Vocal Music

STUDENTS WHO REPRESENT THE SCHOOL IN EXTRA CURRICULAR ACTIVITIES, COMPETITIONS OR PERFORMANCES MUST BE ACADEMICALLY ELIGIBLE.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|-------------|--|
| Chamber Chorale #H7253 – 1 st Sem. #H8009 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SSHS | This performance group course offering is designed to give the more advanced singers in the Choral Music Program a chance to explore the finer points of Choral Music performance and literature. Musicianship, music history and rehearsal/performance techniques will be covered. Satisfies UC/CSU requirements. PREREQUISITE(S): Audition |
| Concert Choir #H5299 – 1 st Sem. #H5300 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | Concert Choir is designed to give the talented student a chance to explore the more advanced literature written for mixed choirs. Content will include the study of musicianship, music history and literature, pronunciation of various languages and proper rehearsal/performance techniques. Satisfies UC/CSU requirements. PREREQUISITE(S): None |
| Jazz Choir #H7711 – 1 st Sem. #H7712 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | Jazz Choir is designed to give students an opportunity to discover and explore jazz singing. Content of the course will include specialized study of jazz vocal technique, improvisation, musicianship and proper rehearsal and performance techniques. Satisfies UC/CSU requirements. PREREQUISITE(S): Audition and approval of instructor. Rehearsal and performance contract signed by student and parents. Nothing below a grade of "C" or "S" in citizenship. |
| Show Choir #H7923 – 1 st Sem. #H7924 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | This performing ensemble combines the singing of advanced harmonies and rigorous dance movements to produce full-scale theme-park style shows. Performers must be available to rehearse and perform frequently beyond normal school hours. Satisfies UC/CSU requirements. PREREQUISITE(S): Audition and approval of instructor. Rehearsal and performance contract signed by student and parents. Nothing below a grade of "C" or "S" in citizenship. |
| Vocal Ensemble #H5313 – 1 st Sem. #H5314 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | Vocal Ensemble is designed to give the most advanced choral students an opportunity to perform in specialized choral literature. Content of the course will include the study of musicianship, music history and literature, concentrating on the Renaissance through Contemporary periods, extensive work on foreign language pronunciation and proper rehearsal/performance techniques. Satisfies UC/CSU requirements. PREREQUISITE(S): Audition |

Instrumental Music

STUDENTS WHO REPRESENT THE SCHOOL IN EXTRA CURRICULAR ACTIVITIES, COMPETITIONS OR PERFORMANCES MUST BE ACADEMICALLY ELIGIBLE.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------------|---|
| Intermediate Band #H5303 – 1st Sem. #H5304 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS | <p>The purpose of this course is to re-establish primary rudimentary skills and to further develop the student's musical abilities in standard band instruments and in wind and percussion playing. The class will demonstrate their musical understanding through tests, concerts and music festivals throughout the school year. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Teacher approval/Audition</p> |
| P.E. Marching Band #H7529 <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>This course will emphasize the techniques, attitudes and skills needed for Marching Band. This group performs at all football games, marches in a number of parades and is responsible for presenting quality music at community functions. Rehearsals may be before or after school or at night. Must be enrolled in another band class during the day. P.E. credit given.</p> <p>PREREQUISITE(S): None</p> |
| Concert Band #H5287 – 1st Sem. #H5288 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | <p>The primary purpose of this course is to develop a firm understanding by each student of his/her particular instrument. Concert Band also provides an opportunity for students with a background of music training to further enhance their musical ability and understanding. Enrollment is open to those students with an intermediate/advanced level of skill and ability with teacher consent. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Teacher approval/Audition</p> |
| Concert Orchestra #H5291 – 1st Sem. #H5292 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS SVHS | <p>The primary purpose of this course is to develop a firm understanding by each student of his/her particular instrument. The Concert Orchestra also provides opportunity for students with a background of music training to further enhance their musical ability and understanding. Enrollment is open to those students with an intermediate/advanced level of skill and ability with teacher consent. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Teacher approval/Audition</p> |
| Guitar #H8321 – 1st Sem. #H8322 – 2nd Sem. <i>Repeatable for credit</i> | 9 th - 12 th Year 10 Credits | SVHS | <p>A beginning through advanced course in guitar. Students will develop skills in reading, writing, and performing guitar music which opens an avenue of personal expression that provides the performer deeper understanding of the self and a way to evoke images, feelings, and emotions that communicate not only sound but sense (meaning) to others.</p> <p>PREREQUISITE(S): None</p> |
| Instrumental Ensemble #H7227 – 1st Sem. #H7240 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SVHS | <p>The Instrumental Ensemble is made up of selected students from the Instrumental Music Program. These students have chosen to play in small ensembles (percussion, woodwind, brass, and string). These ensembles perform at school and community functions and at solo and ensemble festivals. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Teacher approval/Audition</p> |
| Jazz Ensemble #H5311 – 1st Sem. #H5312 – 2nd Sem. <i>Repeatable for credit</i> #H7256 – 1st Sem. #H7254 – 2nd Sem. | 9 th – 12 th Year 10 Credits Semester 5 Credits | ALL | <p>The Jazz Ensemble is made up of selected students from the Instrumental Music Program. Members of the Jazz Ensemble perform at school functions, including concerts, assemblies and pep rallies, as well as community functions and at solo and ensemble festivals throughout the Southern California area. Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Teacher approval/Audition</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|-------------|---|
| Advanced Placement Music Theory #H8337 – 1st Sem. #H8338 – 2nd Sem. Not repeatable for credit | 9 th – 12 th Year 10 Credits | SSHS | <p>The AP Music Theory course will develop a student's ability to recognize, understand, and describe the basic components and processes of music that are heard or written in a score. Throughout the year students will develop aural skills through listening exercises; sight-singing skills through performance exercises; writing skills through written exercises; compositional skills through creative exercises; and analytical skills through analytical exercises. In addition, there will also be a keyboard component to several chapters so that the student will learn how to demonstrate what they have learned by playing an instrument.</p> <p>Satisfies UC/CSU requirements</p> <p><i>PREREQUISITE(S): Teacher Approval</i></p> |
| Piano Class #H8267 – 1st Sem. #H8268 – 2nd Sem. Not repeatable for credit | 9 th – 12 th Year 10 Credits | RHS | <p>This class is for any student who wishes to learn to play the piano: beginning to advanced level. Students will be taught piano fundamentals as well as music theory skills (music reading, scales, chords, terms, symbols). Students will be tested weekly on playing skills and music theory assignments. Playing skills will be assessed through accurate notes and rhythms, musicality, dynamics, correct fingering, tempo markings and general preparedness. Students will write a final paper for the course. Students will perform at two recitals, one at the end of each semester.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): None</i></p> |
| Production Orchestra #H8145 - 1st Sem. #H8146 – 2nd Sem. Repeatable for credit | 9 th – 12 th Year 10 Credits | SSHS | <p>The Production Orchestra is made up of selected students in the instrumental music program. This organization's primary responsibility is to serve the "pit orchestra" by providing the instrumentation for the musicals each year within the Performing Arts Department at SSHS. The group also performs orchestral music at the instrumental music concerts.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Teacher approval/Audition</i></p> |
| Wind Ensemble #H5653 – 1st Sem. #H5654 – 2nd Sem. Repeatable for credit | 9 th – 12 th Year 10 Credits | ALL | <p>The Wind Ensemble is made up of selected students from the Instrumental Music Program. An advanced understanding of musical concepts is required. This organization performs at school functions, including concerts and community functions, band and orchestra festivals.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Teacher approval/Audition</i></p> |
| Wind Symphony #H5655 – 1st Sem. #H5656 – 2nd Sem. Repeatable for credit | 9 th – 12 th Year 10 Credits | RHS SSHS | <p>Students will develop a firm understanding of their particular instrument. The course also provides an opportunity for students with a background in music training to further enhance their musical abilities. Enrollment is open to those students with an intermediate/advanced level of skill and ability.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Teacher approval/Audition</i></p> |

BUILDING TRADES AND CONSTRUCTION PATHWAY

SAFETY: ALL STUDENTS MUST KEEP HAIR CONFINED ACCORDING TO STATE LAW AND DISTRICT POLICY WHILE ATTENDING WOOD AND METAL CLASSES. NO STUDENT WILL BE PERMITTED TO WEAR OPEN-TOED SHOES OR SANDALS IN ANY SHOP CLASS. ALL STUDENTS ARE TO ADHERE STRICTLY TO ALL SAFETY RULES AT ALL TIMES.

Students enrolled in Industrial Technology will explore career goals. Students completing the program may wish to enter college with an engineering, scientific or technical degree major, or they may wish to pursue a vocational career after high school graduation. Students may also choose to take Industrial Technology for general education purposes to become better prepared to live in a technological world.

NOTE: These courses meet the Practical Arts requirement for graduation.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|-------------|---|
| Wood Design I #H7723 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>Students will be working with power tools and equipment, so they must be able to exercise mature behavior befitting a potentially hazardous environment while in the wood lab and in the classroom. Because students must pass the required safety tests before they are permitted to work in the shop, students should possess grade level reading and writing skills (as well as basic math skills), or special arrangements must be made with the teacher prior to the start of class.</p> <p>Satisfies the district Visual and Performing Arts requirement.</p> <p><i>PREREQUISITE(S): None</i></p> |
| Wood Design II #H7397 – 1st Sem. #H7398 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>This is an advanced course in which students are encouraged to concentrate in a specialized area such as cabinet making. Emphasis is placed on the project problem approach in acquiring skill through the use of tools and machines and the application of mathematics and science. Modern industrial techniques and materials are introduced. Safe and professional work practices will be stressed at all times while students further develop the skill and knowledge they acquired in <i>Wood Design I</i> through their continuing use of woodworking machines, power tools and hand tools.</p> <p>Satisfies the district Visual and Performing Arts requirement.</p> <p><i>PREREQUISITE(S): Grade of "C" or better in Wood Design I</i></p> |
| Furniture and Cabinet Construction #H5397 – 1st Sem. #H5398 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits per Sem. | RHS | <p>This is an advanced course in which students are encouraged to concentrate on an area of cabinet construction or furniture construction. Emphasis is placed on the project-problem approach in acquiring skill through the use of tools and machines with the application of mathematics and science. Modern industrial techniques and materials are introduced. Students are encouraged to develop their own designs and to experiment with the tools, materials, and processes used in the industry. This is a two period class.</p> <p><i>PREREQUISITE(S): Student must receive a grade of "C" or higher in high school Wood Design or have the instructor's approval for entrance to this class.</i></p> |
| Woodshop Manager #H8255 – 1st Sem. #H8256 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Semester 5 Credits | RHS SVHS | <p>This class provides students the opportunity to learn management and leadership skills which are relevant to any managerial position they may pursue. Specific to the woodshop, students may perform some supervised maintenance work, and supervise shop clean-up and other shop procedures. They will take inventory of various supplies and may assist the teacher in preparing material for distribution to students. They will assist students with their individual projects and lead or participate in class discussions and demonstrations as directed by the teacher. Development of leadership skills is a major goal of this program.</p> <p><i>PREREQUISITES(S): Successfully completed Wood Design with a grade of "B" or better. Students should possess grade level reading and writing, as well as basic math skills.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------|--|
| Technical Drawing #H7395 <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SVHS | <p>This course trains students to interpret and make working drawings, blueprints and plans utilizing Computer Aided Drafting software. Students planning careers in Engineering, Architecture, Landscaping, Construction or Fashion Design should complete Technical Drawing I. This is the beginning course in our STEM Pathway. Its purpose is to introduce students to the fields of drafting and engineering. They will become proficient at using drafting standards, create accurate multi-view and 3D drawings by hand or with Autocad software. Students will be prepared to enter entry-level jobs as engineering technicians and/or enroll as freshmen in a 4-year Engineering program.</p> <p>Satisfies UC/CSU “g” elective requirements (pending)</p> <p><i>PREREQUISITES(S): Algebra, Geometry and/or concurrent enrollment in Geometry and/or permission of instructor.</i></p> |

BUSINESS AND FINANCE PATHWAY

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------|--|
| Accounting for Small Business: Computerized Accounting #H8121 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SSHS | <p>This course will focus on the specific accounting needs for the small service business entrepreneur. Whether you are keeping financial records for a small, sole proprietorship or a major corporation, accounting principles and procedures are universal. All U.S. businesses use established accounting guidelines (GAAP). This course will use computerized accounting software to introduce the student to the principles and processes involved in maintaining an accounting system to collect, record, and report financial transactions that affect their business. It will cover the accounting cycle including journal entries and preparation of financial reports for a service proprietorship and partnership. Special topics will include recording international sales and electronic transactions.</p> <p>PREREQUISITE(S): Computer Applications</p> |
| Accounting I – Beginning Accounting #H1212 <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS | <p>Accounting I is a one semester course in accounting fundamentals. This course covers the basic systems used in recording financial data in business. Students will work through the entire accounting cycle for a service & merchandising business. This course may be taken for senior math credit.</p> <p>PREREQUISITE(S): None</p> |
| Accounting II – Intermediate Accounting #H7698 <i>Repeatable for Credit</i> | 10 th – 12 th Semester 5 Credits | RHS | <p>Accounting II is a one semester course offered to students who have successfully completed Accounting I. The course covers special accounting systems and procedures including: distribution of dividends, retained earnings, end of year financial statements and the voucher system. Part of the curriculum is payroll, collectible accounts, depreciation, accruals and deferrals, manual and automated accounting systems, inventory and credit card subsystems. This class may be taken for senior math credit.</p> <p>PREREQUISITE(S): None</p> |
| Business Law #H7315 <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>Business Law is an introductory course designed for students interested in law and our legal system. Although aimed at the field of business and corporate law, other legal areas such as criminal, juvenile and vocations in the field, are included. Students apply legal aspects of the law by participating in Mock Trials.</p> <p>PREREQUISITE(S): None</p> |
| Introduction to Business & Marketing #H7309 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SVHS | <p>Introduction to Business and Marketing is an exploratory course with the objective to increase competence in making wise economic choices and understanding the place of business and marketing in modern society. This course prepares students for careers in any business enterprise, and provides students with an overview of economic environments, business operations, functioning in a global economy, small business management, technology in business, and issues associated with financing businesses. During the course, students will prepare a business plan on a product or service of their choice.</p> <p>Satisfies UC/CSU elective requirement.</p> <p>PREREQUISITE(S): None</p> |
| Virtual Enterprise #H8257 – 1st Sem. #H8258 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 credits | ALL | <p>This is a simulated business that is set-up and run by students to prepare them for the working in a business environment. Students will determine the nature of their business, the products or services offered, develop the management structure, and engage in daily operations of running a business.</p> <p>PREREQUISITE(S): teacher approval.</p> |
| CEC Virtual Enterprise #H8127 – 1st Sem. #H8128 – 2nd Sem. | 11 th – 12 th Year 10 Credits | ALL | <p>This course is designed for students that are interested in entrepreneurship. Based on a simulated business that is set up and run by students to prepare them for working in a real business environment. Students determine the nature of their business, its products and services, its management and structure and learn the daily operations of a business under the guidance of consultants with the support of real business partners. Emphasis will be placed in using current business software packages and the internet for business transactions. Students will be prepared for many aspects of the business career pathway as well as for entrepreneurship.</p> <p>PREREQUISITE(S): None</p> |

CHILD DEVELOPMENT AND FAMILY SERVICE PATHWAY

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------|---|
| Child Development #H7437 <i>Not repeatable for credit</i> | 10 th – 12 th Semester 5 Credits | RHS | <p>A semester course to prepare students with the experience and skills needed to understand young children and to provide proper care. Principles of child growth and development, self-esteem, positive learning experiences, creative play and health and safety are emphasized. Child related careers will be examined. Hands-on activities will include: working with children, art, science, language and preparing foods appropriate for children.</p> <p>PREREQUISITE(S): None</p> |
| Family Living #H8208 <i>Not repeatable for credit</i> | 10 th – 12 th Semester 5 Credits | RHS | <p>Family Living is a comprehensive course focusing on personal development and family living. It is designed to help students meet the challenges of daily living in a technological society. Concepts are developed for: personal development, relationships, love and marriage, nurturing a family unit, understanding the changing family and potential challenges, balancing work and family, managing resources, and caring for the family. Family Living will encourage growth in the individual and help students cultivate skills for developing strong families. Students will be interacting with children.</p> <p>PREREQUISITE(S): None</p> |
| Single Survival #H7419-1st Sem. #H7420- 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | SVHS | <p>A one-semester consumer education course designed to prepare students to live on their own, making decisions and selecting their life styles. Units covered include: earning, spending and saving money, insurance, credit, bank accounts, choosing a place to live, merchandise shopping and securing employment.</p> <p>PREREQUISITE(S): None</p> |
| Home Economics Lab Assistant/ YMCA Preschool #H7444 – 1st Sem. #H7446 – 2nd Sem. <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | RHS | <p>Students who have successfully completed Child Development and Parenting classes may work one hour per day at the on-campus preschool. This course provides occupational experience for those students who may want to explore the area of teaching young children.</p> <p>PREREQUISITE(S): Child Development, Parenting and teacher approval</p> |
| Internship #H8007 – 1st Sem. #H8008 – 2nd Sem. (this is a.m.) <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>This course provides students with the opportunity to explore careers through interaction and on-site experiences such as internships and practical field experiences in a chosen career pathway. Students will experience a direct connection between what is learned in school and what takes place in the workplace with someone working in a particular vocation. Students receive no pay but earn school credit. Students are monitored and reports are completed. Students must attend weekly class instruction/seminars with the Career Pathway Advisor or the School-to-Career Coordinator. Student must be able to provide a minimum of 90 hours of non-paid work experience.</p> <p>PREREQUISITE(S): Teacher or counselor approval.</p> |
| Teachers of Tomorrow #H8011 – 1st Sem. #H8012 – 2nd Sem. (this is p.m.) <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>This course provides students with the opportunity to experience teaching in an actual classroom setting. Interns are teamed with classroom teachers for two hours per day and attend a weekly seminar with the Teachers of Tomorrow instructor to gain insight and practical experience in the teaching profession. Interns gain “hands-on” experience, background in theory and methods, research and review of current issues in education and information regarding university teacher education/credentialing programs. Students receive no pay but earn school credit. Evaluations are completed by on-site supervising teachers and the Teachers of Tomorrow instructor. Students must be able to provide a minimum of 90 hours of non-paid work experience per semester.</p> <p>PREREQUISITE(S): Teacher or counselor approval.</p> |

ENERGY AND ENVIRONMENTAL PATHWAY

Environmental Resources

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------------|---|
| Plant Science #H8309 – 1st Sem. #H8310 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Semester 5 Credits | SVHS | <p>This course provides basic education in the field of plant science and is designed to include all areas of botanical study beginning with a study of plant cells and their function. Training will be provided in soil and soil management, fertilizers and their application, plant pests and their control methods, plant diseases and their control methods and various types of plant propagation.</p> <p>Does NOT satisfy UC/CSU requirement.</p> <p><i>PREREQUISITE(S): Successful completion of Science 9</i></p> |
| Essentials of Environmental Science #H7872 <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | SVHS | <p>This course takes a thematic approach with eight science strands:</p> <ul style="list-style-type: none"> The scientific method and critical thinking Earth as a system Life and the environment Sustainable conservation and management of living systems Energy Water environment Air pollution Environment and society <p>Does NOT satisfy UC/CSU requirement.</p> <p><i>PREREQUISITE(S): Successful completion of two years of science.</i></p> |
| Advanced Placement Environmental Science #H8210 – 1st Sem. #H8211 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | SSHS SVHS | <p>Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course includes a laboratory and field investigation component.</p> <p><i>PREREQUISITE(S). Recommended completion of biology and chemistry. A grade of "C" or better in 2nd semester of algebra, and teacher recommendation.</i></p> |

FASHION AND INTERIOR DESIGN PATHWAY

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|--|
| Introduction to Business & Marketing #H7309 Not repeatable for credit | 9 th – 12 th Semester 5 Credits | SVHS | <p>Introduction to Business and Marketing is an exploratory course with the objective to increase competence in making wise economic choices and understanding the place of business and marketing in modern society. This course prepares students for careers in any business enterprise, and provides students with an overview of economic environments, business operations, functioning in a global economy, small business management, technology in business, and issues associated with financing businesses. During the course, students will prepare a business plan on a product or service of their choice.</p> <p>Satisfies UC/CSU elective requirement.</p> <p>PREREQUISITE(S): None</p> |
| CEC Fashion/Retail Merchandising and Entrepreneurship #H7331 – 1st Sem. #H7332 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>This course is designed to prepare students for entry-level employment in the retail and retail management field. Students will learn sales and display techniques, operation of cash register, customer relations, entrepreneurship, and retail management skills. Because the classroom is in a retail store environment, the students must dress in appropriate wardrobe for working in the retail field as well as conduct themselves in a mature, professional manner while in or around the classroom and the worksite. Students intern the last 8 weeks of <u>each</u> semester.</p> <p>Class meets two days each week AT THE JANSS MALL. BUS TRANSPORTATION PROVIDED WITH SUFFICIENT ENROLLMENT. <i>Both semesters must be taken.</i></p> <p>PREREQUISITE(S): None</p> |
| CEC Floral Design #H7184 – 1st Sem. #H8010 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>This course provides the students with professional florist skills while building solid career experiences in floral design, display and marketing, and customer service skills. Students will learn the proper care and handling of flowers, plants and foliage; how to evaluate floral materials and arrangements; how to utilize floral tools, supplies and products; how to apply design principles to the floral medium; how to construct arrangements for all occasions; how to display, price and market floral designs; and how to preserve floral materials. Following classroom instruction, students train at sites in the floral industry. Students will intern the last 8 weeks of the <u>second</u> semester.</p> <p>Class meets two days each week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site.) <i>Both semesters must be taken.</i></p> <p>PREREQUISITE(S): None</p> |
| CEC Screen Printing & Custom Embroidery #H8097 – 1st Sem. #H8098 – 2nd Sem. | 11 th -12 th Year 20 Credits | ALL | <p>This course is designed to introduce students to the textile screen-printing and embroidery field. Students will learn textile screen-printing, printing terminology, equipment used for the printing process, buying and selling silk screened products, ink and ink characteristics, multi-colored projects and how to print on textiles and vinyls (decals). The class is designed to allow students to design and print their own projects. Students will also learn how to print on paper, T-shirts and stickers, and how to create & digitize images to embroider. Students will intern the last 8 weeks of the <u>second</u> semester.</p> <p>Class meets two days a week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT.</p> <p><i>Both semesters must be taken.</i></p> <p>PREREQUISITE(S): None</p> |

HEALTH SCIENCE AND MEDICAL TECHNOLOGY PATHWAYS

Patient Care

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|--|
| Health Science and Family Life #H7527 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | <p>This course strives to meet the needs of today's teens by focusing on health issues from an adolescent perspective. Course topics are directed toward adolescent risk behaviors and the acquisition of life skills. This course is designed to enable students to develop positive health-related attitudes and behaviors.</p> <p>Satisfies graduation requirement.</p> <p>PREREQUISITE(S): None</p> |
| Health Science Survey (CTE) #H8293 – 1st Sem. #H8294 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th grade Year 10 credits | SVHS | <p>This introductory CTE course is the first course in a 3-year sequence of Health Academy courses and is designed to expose students to various aspects of the medical field. Guest speakers, hospital tours, beginning medical terminology and hands-on lessons and projects all give students experiences that will prepare them for the academy.</p> <p>Satisfies Practical Arts or elective course credit.</p> <p>PREREQUISITES: Recommendation for enrollment. Acceptance to the Medical Health Careers Academy.</p> |
| Medical Health Career Exploratory Internship #H8333 <i>Repeatable for credit</i> | 11 th -12 th Semester 5 Credits | SVHS | <p>MHC Internship provides students with the opportunity to explore Medical and Health Careers through interaction and on-site experiences and practical field experiences within the medical or health care field. Students will experience a direct connection between what is learned in school and what takes place in the workplace with someone working in a particular vocation within the medical health care field. The student may not replace a paid worker or be paid for the work performed. The sole intent is for the student to observe and to sample a variety of conditions in their career choice to ascertain their interest and suitability for the career being explored. To earn school credit, the student must gain acceptance into the site that is offering the program as well as follow their curriculum guidelines. In addition to the site's requirements, the student must attend weekly instruction/seminars with the Career Pathway Advisor or the School-to-Career Coordinator. The student must be able to provide a minimum of 90 hours of Health Care Training.</p> <p>PREREQUISITE(S): Health Careers Surveys and Medical Terminology. This course can also be part of a Health Science and Medical Technology pathway as an advanced course in a sequence of CTE health science courses. They include HIPPA, the privacy rule for confidentiality law for medical & health care facilities.</p> |
| CEC Medical Office Administration #H8509-1st Sem. #H8510-2nd Sem. | 9 th – 12 th Year 10 Credits | ALL | <p>Learn about a high-demand career in the medical field in this hybrid online course! Meet with your teacher in-person monthly and learn online and hands-on at an internship site! Changes in the Health Care Industry continue at an accelerated pace, and new electronic technologies are altering the face of the industry. Health records are required to be computerized; which has increased the demand for qualified medical office personnel. Taught by an experienced instructor and industry professional, this course prepares students for careers in the medical office and for post-secondary education that can lead to State Certification as administrative medical assistants.</p> <p>PREREQUISITE(S): None</p> |
| Medical Terminology Integrated H8287-1st Sem. H8288-2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | SVHS | <p>This is an integrated health science course utilizing Science & English concepts in a health science and/or medical environment. The design of this course is to prepare students for the natural progression to university level health science course work. Applications throughout the course allow students to see the connection of health science concepts and real-world application in a health care environment. This course can also be part of a Health Science and Medical Technology pathway as an advanced course in a sequence of CTE health science courses.</p> <p>Satisfies UC/CSU elective requirement (pending)</p> <p>PREREQUISITE(S): Acceptance into the Medical Health Careers Academy, Health Careers Survey, CP Biology, Algebra I, English 10.</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|--|
| Veterinary Medicine Field Exploration #H7615 – 1st Sem. #H7616 – 2nd Sem. <i>Repeatable for credit</i> | 12 th Semester 5 Credits | ALL | <p>This program is intended to introduce the student to various aspects of the veterinary medicine career. The course defines and clarifies the technical and educational qualifications of the career. It is also intended to enhance personal growth, responsibility and decision making. The student must work a specified number of hours at the work site and complete an activity log specifying hours worked and activities learned at the location.</p> <p>INTERNSHIP CAPSTONE COURSE – NOT FOR PAY</p> <p><i>PREREQUISITE(S): Minimum GPA 2.5 in laboratory science courses. Student must find cooperating veterinarian.</i></p> |
| CEC Dental Assistant and Radiology #H7300 – 1st Sem. #H7301 – 2nd Sem. | 12 th only Year 20 Credits | ALL | <p>This course is designed to prepare students for employment in a dental office as a dental assistant. Students will learn dental terms, x-ray techniques, instrument identification and preparation, chair-side assisting, and preventative dentistry skills. Students will prepare and take the examination for the State dental x-ray license. The CEC Dental Assistant class has been approved by the Board of Dental Examiners for dental x-ray licensing in California. Students must pass a State dental x-ray exam to work as a Dental Assistant. Students intern <u>the last</u> 8 weeks of the <u>second</u> semester.</p> <p>Class meets two days each week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT. (STUDENTS MUST BE ABLE TO PROVIDE THEIR OWN TRANSPORTATION TO THE INTERN SITE.)</p> <p><i>PREREQUISITE(S): None</i></p> |
| CEC Health Careers & Medical Terminology #H7886 – 1st Sem. #H7887 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>The Fall semester Health Careers Exploration course is designed for students who are interested in preparing for careers in the allied health field. There will be a basic core of instruction that will examine health care systems, asepsis, disease prevention and the required qualities and skills needed by health care workers. Job specific skills training will focus upon office skills, medical terminology, the health care team roles and responsibilities, and employee skills. Students will observe a variety of health care occupations as they participate in workplace learning. The Spring semester Health Careers Medical Terminology course continues the basic core of instruction. Job specific skills training will focus on medical terms and abbreviations relating to body systems and health care. Previous medical knowledge is not required. Students will gain vocabulary necessary to work in a health care environment. Students will intern the last eight weeks of <u>both</u> semesters. A community service component will be included for this course.</p> <p>Class meets two days each week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED—LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site.)</p> <p><i>Students may take one semester, however, both semesters required for certificate.</i></p> <p><i>PREREQUISITE(S) None</i></p> |
| CEC Medical Assistant #H8025 – 1st Sem. #H8026 – 2nd Sem. | 12 th Only Year 20 Credits | ALL | <p>This course is designed to prepare students for both back and front office positions in a doctor's office or medical clinic. The course includes medical terminology, anatomy, billing, coding, instruments and equipment used in an office, plus how to take a patient's vital signs, perform lab tests, take chart notes, HIPAA regulations, and assist the physician to care for the patient. First semester is classroom training and second semester is clinical experience in a doctor's office or medical clinic. Students intern <u>all</u> of second semester.</p> <p>Class meets two days each week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED - LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site).</p> <p><i>Both semesters required for certificate.</i></p> <p><i>PREREQUISITE(S): None</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|--|
| CEC Nursing Assistant I & II NA I #H8095 –1st NA II #H8096 –2nd | 12 th grade Year 11 th grade 2 nd Sem. only NA I Year 20 credits | ALL | <p>Course focuses on patient care skills for the elderly and long-term patients. Nursing Assistant I is the classroom and lab training, offered both Fall and Spring. (<u>Choose one</u>). Nursing Assistant II is clinical experience in a nursing home. At the completion of both semesters, the student qualifies to take the State test for Certified Nursing Assistant (CNA).</p> <p>Nursing Assistant I class meets both semesters two days a week for 3½ hours at the CAMARILLO AIRPORT FACILITY. Bus transportation provided. Limited enrollment. Nursing Assistant II students intern <u>all</u> of second semester two evenings per week at the Country Villa Oxnard Manor. (Students must be able to provide their own transportation to the intern site in Oxnard.)</p> <p><i>PREREQUISITE(S): Seniors take NA 1 in fall semester and NA II in spring semester. Limited enrollment of Juniors for NA 1 in spring semester then NA II in fall semester of senior year.</i></p> |

Biotechnology

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------|--|
| Biotechnology #H8467-1st Sem. #H8468-2nd Sem. <i>Not repeatable for credit</i> | 11 th -12 th Year 10 Credits | SVHS | <p>Biotechnology is a comprehensive laboratory based course that prepares students for a variety of post-secondary options including four-year biotechnology degree programs, community college biotechnology certificate programs and industry workplaces. The course introduces students to biotechnology laboratory skills, the role of molecular biology in the manufacturing of commercial pharmaceutical and agricultural products. Students will gain proficiency in standard laboratory operating procedure, aseptic techniques, spectrophotometry, solution preparation and electrophoresis. Students learn to maintain laboratory documentation and follow research safety standards. At the end of the course, students will be given the final exam for Biotechnology M01A from Moorpark College and submit their laboratory notebooks for evaluation. Students who pass the final exam and demonstrate solid laboratory documentation practices will earn 4 units credit from Moorpark Community College which is transferable to the UC/CSU Systems.</p> <p>Satisfies UC/CSU elective requirement.</p> <p><i>PREREQUISITE(S): None</i></p> |

HOSPITALITY, TOURISM AND RECREATION PATHWAY

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|-------------|---|
| Foods and Nutrition I #H7430 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>A basic class in food preparation emphasizing basic nutritional needs with food preparation techniques to support good nutrition. This is a “hands-on” class in which students prepare foods from each food group. Units on shopping techniques, budgeting and nutrition are included. This course includes making wise food choices, the proper use and care of kitchen tools and appliances, reading nutritional labeling, how to correctly follow a recipe, cooking terms, planning a well-balanced meal and working efficiently in a group situation.</p> <p>PREREQUISITE(S): <i>None.</i></p> |
| Foods and Nutrition II #H7665 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>This course will study the history of food and its cultural, religious and social influences. The changes in diet during the life cycle, special diets, and eating disorders will be covered. The class will continue the study of subjects of basic human nutrition, food preparation, preservation and sanitation. In addition, the course will include meal planning and diet analysis, meal service and waiting tables and consumer issues of planning for both family meals and restaurant service or catered events. Foods prepared include international cuisine and gourmet techniques. Guest speakers from the food service community will present specialized food preparation techniques.</p> <p>PREREQUISITE(S): <i>Successful completion of Foods and Nutrition I.</i></p> |

INFORMATION TECHNOLOGY PATHWAY

Courses in this department meet the Computer Education graduation requirement. In some cases these courses will meet graduation requirements in other subject areas such as Mathematics and Practical Arts. See your counselor prior to enrollment to determine course requirement applicability.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|-------------|--|
| Computer Applications #H7715 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | <p>Computer Applications is a first-year course that prepares students with the necessary computer skills required for more advanced computer classes (i.e. Advanced Computers, Web Design, Graphic Arts, Video Production, Desktop Publishing, Accounting, etc.). This course focuses on introducing students to computers and the basic functions of applications including: Microsoft Word, Excel, PowerPoint, Access and Publisher. Students will learn how to type business letters, format letters and reports, insert graphics, create spreadsheets including formula functions, creating flyers and brochures, advertisements, and presenting projects using PowerPoint Presentation to mention a few.</p> <p>PREREQUISITE(S): None</p> |
| Computer Applications II #H8123 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | SSHS | <p>This course is intended for the student with extensive previous experience with computers. It is a semester advanced computer applications course, and the student must be familiar with the fundamentals of Microsoft Office. It offers the student the ability to become Microsoft Office Specialist certified for Word, Excel, Access and PowerPoint and Microsoft Office Expert certified for Word and Excel. The Microsoft Office Specialist program is globally recognized as the standard for demonstrating desktop skills with the Microsoft Office suite of business productivity applications.</p> <p>PREREQUISITE(S): Computer Applications or previous knowledge of the fundamentals of Microsoft Office.</p> |
| Computer Programming I #H7136 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>This course is designed as an introductory course for students planning to enter into the field of computer programming in high school, college and/or business. Student will develop a variety of programming skills using software that meets the current industry standard. This course satisfies the Computer Education graduation requirement or 5-unit math credit.</p> <p>Satisfies UC/CSU elective requirement when taken in 11th or 12th grade.</p> <p>PREREQUISITE(S): Grade of "C" or better in second semester of Algebra I, or equivalent, or teacher approval. One semester of Keyboarding recommended.</p> |
| Computer Programming II #H8015 -1st Sem. #H8016 -2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>This course is designed for students planning to enter into the field of computer programming in high school, college and/or business as a continuation of Computer Programming I. Student will develop a variety of programming skills using software that meets the current industry standard. This course satisfies the Computer Education graduation requirement or 5-unit math credit.</p> <p>Satisfies UC/CSU elective requirement when taken in 11th or 12th grade.</p> <p>PREREQUISITE(S): Grade of "B" or better in Computer Programming or teacher approval.</p> |
| Exploring Computer Science AB #H8327- 1st Sem. #H8328- 2nd Sem. <i>Not repeatable for credit</i> | 9 th -12 th Year 10 Credits | ALL | <p>This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus 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 AB is to develop the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): Algebra 1 with a "C" or better</p> |
| Robotics & Engineering H8471-1st Sem. H8472-2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>This course is designed to explore the principals of Engineering and how they apply in the field of Robotics. Students will use computers, simulation software, robotics kits and other materials to problem solve and engage in project based learning. The goal of Robotics and Engineering is to give students a clear pathway to Career and College in applied STEM fields.</p> <p>PREREQUISITE(S): Exploring Computer Science or Introduction to Computer Programming with a "C" or better. Algebra I with a "C" or better.</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|------------|---|
| CEC Mobile Application Development H8511-1st Sem. H8512-2nd Sem. | 9 th – 12 th Year 10 Credits | ALL | Learn how to create your own mobile apps! Obtain valuable skills in the growing, high-demand field! More people today connect to the internet to communicate, conduct business, shop and create using mobile technology such as smartphones and tablets than desktop or laptop computers. In this project-oriented course, students will create their own mobile applications by engaging in the process from project conception to design, implementation and pilot testing. Instructed by an industry-veteran who with current app development experience, students will also practice graphical user interface (GUI) design for multi-touch screens and conduct usability testing. PREREQUISITE(S): None |
| Introduction to Computers/ Desktop Publishing #H7921 – 1st Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS | Students will use state-of-the-industry software and hardware to create computer graphics and learn how to actually produce magazine-quality publications while acquiring exciting new job and future educational skills. Programs taught include Adobe Photoshop, Adobe Illustrator, Adobe Streamline, Microsoft Word and Quark Xpress all cross-platform. Peripherals such as scanners, digital cameras and color printers will also be utilized. Graphics and graphic format knowledge will be used by students additionally as they are introduced to the world of Web design. Satisfies UC/CSU Elective Requirement (pending) PREREQUISITE(S): None |
| CEC Video Game Development #H8521 – 1st Sem. #H8522 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | Bring your ideas to life by learning to design video games! Prepare for a career in the multi-billion dollar game design industry which has become one of the fastest growing and most exciting fields to enter. This course introduces game programming principles, 3D modeling and animation; game art and visual effects; game play and game design; character, level and story design; and the history, culture and genres of video games and animation. Students collaborate on group projects to develop the knowledge and skills necessary to deliver real-world game prototypes from concept to completion. No prior game or graphics programming experience are necessary. PREREQUISITE(S): None |
| Website Design #H8303-1st Sem. #H8304-2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | Students will learn principles of web design applications such as Adobe Photoshop and Adobe Illustrator as an introduction to the principles behind their World Wide Web counterparts: Macromedia Flash and Fireworks. Through exploration and projects, students will learn the elements of good web design and layout before actually producing their own web site using Macromedia Dream Weaver. Computing peripherals, like scanners and digital cameras, will serve as artistic adjuncts to the completion of student sites. Satisfies UC/CSU requirements (pending) PREREQUISITE(S): Successful completion of Computer Applications and Basic Design and/or teacher approved. |
| CEC Webmaster/ Internet Services Occupations #H8105 – 1st Sem. #H8106 – 2nd Sem. | 11 th -12 th Year 20 Credits | ALL | This course is designed to develop competency in the use of the Internet, including critical comparison of web sites, web site development, connectivity, e-mail use and etiquette, and the use of multimedia such as <i>Flash Macromedia</i> . Integrated throughout the course are career preparation standards, which include basic academic skills, communication and interpersonal skills, problem solving skills, safety, technology, and other employment skills such as building a resume, cover letters, PowerPoint presentations, and designing a dynamic personal web site. Satisfies UC/CSU requirements (pending) This class meets at Santa Susana High School Monday thru Friday, two hours per day, during periods 6 and 7. STUDENTS MUST PROVIDE THEIR OWN TRANSPORTATION TO SSHS. Both semesters required for certificate. PREREQUISITE(S): None |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|---|
| Advanced Placement Computer Science A #H5183 – 1st Sem. #H5184 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th – 12 th Year 10 Credits | ALL | <p>The goals of this course are comparable to those in the introductory sequence of courses for computer science majors at the university level. This course is intended to serve as both an introductory course for computer science majors and for those students whose majors will require significant involvement with computing. Students who enroll in this course are strongly encouraged to take the Advanced Placement examination given in May. A score of 3, 4 or 5 on the examination will enable the student to obtain 3 semester units of college credit in computer science at participating universities.</p> <p>Satisfies UC/CSU elective requirement.</p> <p>PREREQUISITE(S): Successful completion of Algebra II or approval from the instructor in lieu of the math requirement. Students who sign up for AP classes after the registration period will be accommodated on a space available basis.</p> |

MANUFACTURING AND PRODUCT DEVELOPMENT PATHWAY

SAFETY: ALL STUDENTS MUST KEEP HAIR CONFINED ACCORDING TO STATE LAW AND DISTRICT POLICY WHILE ATTENDING WOOD AND METAL CLASSES. NO STUDENT WILL BE PERMITTED TO WEAR OPEN-TOED SHOES OR SANDALS IN ANY SHOP CLASS. ALL STUDENTS ARE TO ADHERE STRICTLY TO ALL SAFETY RULES AT ALL TIMES.

Students enrolled in Industrial Technology will explore career goals. Students completing the program may wish to enter college with an engineering, scientific or technical degree major, or they may wish to pursue a vocational career after high school graduation. Students may also choose to take Industrial Technology for general education purposes to become better prepared to live in a technological world.

NOTE: These courses meet the Practical Arts requirement for graduation.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|---|
| CEC Metal Shop/ Manufacturing Essentials #H7714 | 9 th – 12 th Semester 5 Credits | ALL | <p>This course provides an opportunity for a student to explore and investigate careers in the metal working industry. This is done via lecture, observation, reading, hands-on, cooperative learning, demonstration guest speakers, and evaluation of other student's projects. The course is primarily project oriented that allows the students an experience similar to the metal working industry. The main areas that are covered in this course are: safety, layout, planning, measuring, cutting, drilling, assembly, sheet metal, basic machining, oxy-acetylene welding, wrought iron work, foundry, finishing and more. Safety is stressed.</p> <p>PREREQUISITE(S): None</p> |
| CEC Metal Shop Advanced #H7145 – 1st Sem. #H7146 – 2nd Sem. | 9 th – 12 th Semester 5 Credits | SVHS | <p>The advanced metal student will have the opportunity to develop a greater competence in selected metal working areas. Both required projects and student generated projects will develop a more advanced level of welding skills, machine operation, sheet metal development, and foundry work. Areas of MIG and TIG welding will be explored, as well as advanced machine tool.</p> <p>PREREQUISITE(S): Successful completion of Metal Shop/Manufacturing Essentials with a grade of "C" or better.</p> |
| CEC Auto Body/Collision Repair #H5353 – 1st Sem. #H5354 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>Students will learn the tools, materials and techniques used to repair damaged auto bodies and fenders. This course also includes metal straightening, welding, identification and use of tools. Students intern 8 weeks in the <u>each</u> semester.</p> <p>Class meets two days each week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site.)</p> <p><i>If students complete one semester of the Auto Body/Collision Repair and one SEMESTER of the Auto Painting/Refinishing classes, they will receive an Auto Collision Repair Refinishing Certificate of Proficiency.</i></p> <p>PREREQUISITE(S): None</p> |
| CEC Auto Painting/ Refinishing #H5351 – 1st Sem. #H5352 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>This course is designed to prepare students with the skills necessary for entry-level positions within the automotive refinishing field. The training emphasis is on metal and plastic surface preparation, masking techniques and materials, application and sanding of primer and finish coats, and pre and post painting clean-up and detailing techniques. Students will intern in an auto body and paint shop for 6 weeks in the <u>first</u> semester and 18 weeks in the <u>second</u> semester.</p> <p>Class meets two days each week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site.)</p> <p><i>If students complete one semester of the Auto Body/Collision Repair and one SEMESTER of the Auto Painting/Refinishing classes, they will receive an Auto Collision Repair Refinishing Certificate of Proficiency.</i></p> <p>PREREQUISITE(S): None</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|---|
| CEC Auto Service #H5349 – 1st Sem. #H5350 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>This course is designed to prepare students with skills necessary for entry-level positions within the auto service field. Students will learn automobile tune-up, wheel balance, lubrication, front-end alignment, and brake system repair. The course also includes ignition, charging, electrical, transmission and fuel system diagnosis and repair. Students intern the last 8 weeks of <u>second</u> semester.</p> <p>Class meets Monday and Wednesday for 3½ hours, at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site.) <i>Both semesters must be taken.</i></p> <p><i>PREREQUISITE(S): None</i></p> |
| CEC Welding and Manufacturing #H5355 – 1st Sem. #H5356 – 2nd Sem. | 11 th – 12 th Year 20 Credits | ALL | <p>Students will learn oxyacetylene gas welding, plasma, cutting, electric arc, TIG, MIG, and Flux Core welding. Students will also learn fabrication, layout, and completion of metal projects. Students intern the last 8 weeks of the <u>second</u> semester.</p> <p>Class meets two days a week for 3½ hours at the CAMARILLO AIRPORT FACILITY. BUS TRANSPORTATION PROVIDED – LIMITED ENROLLMENT. (Students must be able to provide their own transportation to the intern site.) <i>Both semesters must be taken.</i></p> <p><i>PREREQUISITE(S): None</i></p> |

MARKETING, SALES, AND SERVICES PATHWAY

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|--|
| Introduction to Business & Marketing #H7309 <i>Not repeatable for credit</i> | 9 th – 12th Semester 5 Credits | SVHS | <p>Introduction to Business and Marketing is an exploratory course with the objective to increase competence in making wise economic choices and understanding the place of business and marketing in modern society. This course prepares students for careers in any business enterprise, and provides students with an overview of economic environments, business operations, functioning in a global economy, small business management, technology in business, and issues associated with financing businesses. During the course, students will prepare a business plan on a product or service of their choice.</p> <p>Satisfies UC/CSU elective requirement.</p> <p><i>PREREQUISITE(S): None</i></p> |

PUBLIC SERVICES PATHWAY

Legal Services

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|-------------|---|
| Applied Legal Studies #H8228 – 1st Sem. #H8229 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits | SSHS | <p>Applied Legal Studies is a course in criminal law that allows students to learn about the judicial system through courtroom simulations including mock trials, case studies, and real life experiences including guest speakers and courthouse visitation. During this course, students develop their written and oral advocacy skills, while they prepare a trial court motion and present a mock oral argument in a trial court format. Students will also argue constitutional issues based on case law during pre-trial arguments before a judge, usually the teacher or a real judge from Los Angeles or Ventura counties.</p> <p>PREREQUISITE(S): Ethics, Logic & Critical Thinking.</p> |
| Business Law #H7315 <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>Business Law is an introductory course designed for students interested in law and our legal system. Although aimed at the field of business and corporate law, other legal areas such as criminal, juvenile and vocations in the field, are included. Students apply legal aspects of the law by participating in Mock Trials.</p> <p>PREREQUISITE(S): None</p> |
| Civil Liberties and the Law #H7085 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SSHS | <p>This is an introductory course in Criminal Law with an emphasis upon topics and themes that relate to juveniles. There are primarily four major units:</p> <ul style="list-style-type: none"> Introduction to the judicial system and crime The police and other law enforcement agencies The criminal case and the court system Prisons and other correctional institutions <p>Additional units, if time allows, include:</p> <ul style="list-style-type: none"> Juvenile justice Solutions to the crime problems <p>PREREQUISITE(S): None</p> |
| CEC Criminal Justice #H8505 – 1st Sem. #H8506 – 2nd Sem. | 9 th – 12 th Year 10 Credits | ALL | <p>This course provides instruction and training for students interested in careers related to law and law enforcement. Students who achieve competency in this course will develop knowledge and skills in the origins and sources of American Law, principles on which our law and the legal system developed structure and procedure of the court system, different categories of criminal cases, the juvenile justice system, analytical skills and oral and written communication and will be prepared for entry-level employment. Entry-level positions include risk management assistant and security guard.</p> <p>PREREQUISITE(S): None</p> |
| Ethics, Logic, & Critical Thinking #H8202 – 1st Sem. #H8242 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | SSHS | <p>This course exposes high school students to Western philosophical thought, focusing on ethics and logical reasoning. Students will learn critical thinking tools that will help identify and evaluate arguments. Moreover, knowledge gained in this course will help students produce good arguments. Students will build their reasoning and critical thinking skills, learn to identify a number of defects, or fallacies of reasoning, and will also learn to identify categories of philosophic thought, rhetorical arguments and to distinguish good from bad arguments. The focus will be on Philosophy of Mind, Philosophy of Science, Philosophy of Politics, Aesthetics and Human Nature.</p> <p>PREREQUISITE(S): A grade of "C" or better in Algebra I and English, and teacher approval.</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------|--|
| Law & Order #H8238 – 1st Sem. #H8239 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SSHS | <p>This culminating course includes classroom and internship components which allow students to receive in-depth exposure to various careers in the field of law. Coursework in the classroom will be heavily supplemented by regular guest speakers from different branches of law enforcement and legal fields. Students will have frequent opportunities to learn directly from professional visitors to the classroom who will offer both direct instruction and practical advice about their careers. These classroom-based units of study will be complemented by a field internship during the spring semester. This course will be divided into ten units of study:</p> <p>Law and Public Policy Settling Disputes Crime in America Criminal Justice: The Investigative Phase Criminal Justice: Charges, Plea Bargaining, the Trial, Sentencing and Corrections Juvenile Justice Tort Law Consumer Law Family Law Law & Society Internship</p> <p>PREREQUISITE(S): <i>Successfully complete the Applied Legal Studies course and teacher approval.</i></p> |

Police and Fire

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------|--|
| Sports Medicine/CERT #H8295 – 1st Sem. #H8296 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th -12 th Semester 5 Credits | SVHS | <p>This course will introduce students to the profession of athletic training, sports medicine, CERT (Community Emergency Response Team), First aid/CPR and emergency preparedness. Teen CERT is a program that is designed to educate the students and community on disaster preparedness. Students will learn how to perform basic taping/wrapping skills, emergency management skills, and proper transportation skills of an injured person. The class consists of lecture, practical skills and observation. Each student will have the opportunity to receive their CERT certificate from the Ventura County Fire Department.</p> <p>PREREQUISITE(S): <i>Instructor Approval</i></p> |
| Fire Cadet Exploration #H7615 – 1st Sem. #H7616 – 2nd Sem. <i>Repeatable for credit</i> | 11 th - 12 th Semester 5 Credits | ALL | <p>The Fire Cadet Program allows the student to gain first-hand experience in the work world of firefighting. Students will learn the procedures of the department and receive training covering the function and location of equipment on the engine, rescue breathing apparatus, emergency techniques, and other areas in the field. Student must work a specified number of hours every week at the fire station and complete an activity log, recording hours worked and activities learned at the work site. The cadet will be qualified to make a career decision at the completion of this course.</p> <p>Limited Enrollment.</p> <p>PREREQUISITE(S): <i>Application and interview. Selection will be made by the Fire Department. Student must meet the grade level, GPA, attendance, and possible other program requirements.</i></p> |
| Law Enforcement Exploration #H7615 – 1st Sem. #H7616 – 2nd Sem. <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>This program allows students to explore the field of law enforcement. Students will learn the different functions of the police department and the duties of the deputies. Students will gain experience in how to handle emergency situations, a better understanding of community and public relations, and hopefully, enough knowledge to enable them to determine if this is a suitable career choice.</p> <p>PREREQUISITE(S): <i>Student must be a Law Enforcement Explorer Post member in good standing for six months BEFORE the semester begins.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|---|
| CEC Emergency First Responder #H8251 - 1 st Sem. #H8252 - 2 nd Sem. | 12 th only Semester 10 Credits | ALL | <p>Students will learn to assist (EMS) emergency medical service providers and give immediate medical attention in a variety of situations. Completion of the class will provide a strong background, useful in preparation for EMT courses and many career paths, such as fire service, sports medicine, lifeguard, ski patrol, and medical personnel. In addition to first aid and emergency medical care, the course includes: anatomy and physiology, body systems, and medical terminology (including basic medical terms in both English and Spanish). Upon completion of this one semester class, students will earn First Aid and CPR certification.</p> <p>Class meets two evenings per week from 5:30-9:30 at the CAMARILLO AIRPORT FACILITY. STUDENTS MUST PROVIDE THEIR OWN TRANSPORTATION—LIMITED ENROLLMENT.</p> <p>PREREQUISITE(S): None</p> |

Homeland Security

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------|---|
| CEC Unmanned Aerial Vehicle/Air Academy H8513-1 st Sem. H8514-2 nd Sem. | 9 th – 12 th Year 10 Credits | ALL | <p>Would you like to learn how to build and fly a drone? Are you interested in learning about designing these unmanned aerial vehicles (UAV's?) This first year course will introduce Small UAV Design and Operations. Students will receive hardware and software instruction and will conduct a series of labs to build and test a small UAV in flight. This course is part of the new Air Academy at the Camarillo Airport campus that includes aviation ground school and a second year of UAV where students will focus on mission-specific projects.</p> <p>PREREQUISITE(S): None</p> |
| CEC Aviation Flight School/Air Academy H8515-1 st Sem. H8516-2 nd Sem. | 9 th – 12 th Year 10 Credits | ALL | <p>This course is designed for students that are interested in entry-level positions in the aviation industry. The instruction includes safety, rules and regulations, airport operations, fixed based operations, airport security, aerodynamics, meteorology, aircraft maintenance, aircraft engines, aircraft structure and mechanics, interpersonal and communication skills and employability skills. Special emphasis is placed upon preparing students for the Federal Aviation Administration's private pilot ground written exam. The course also addresses California's math and language arts standards. Students develop math skills that prepare them for a technical career and/or postsecondary education.</p> <p>PREREQUISITE(S): None</p> |
| Internship #H8007 – 1 st Sem. #H8008 – 2 nd Sem. (this is a.m.) <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>These courses provide the student with the opportunity to explore jobs in a chosen career pathway at a local work site. The student will experience a direct connection between what is learned in school and the world of work. The student must work a specified number of hours at the work site and complete an activity log specifying hours worked and activities learned at the location. Additionally, students must attend periodic class meetings and complete assignments related to job specific skills training.</p> <p>PREREQUISITE(S): Teacher or counselor approval.</p> |

WORK EXPERIENCE

The requirements for Work Experience Education include:

1. Student must be enrolled in the 11th grade or higher.
2. No independent contracting or consulting.
3. Direct supervision on the job. You cannot work alone.
4. Worker's Compensation coverage.
5. A legally paid job at minimum wage or higher.
6. Verification of work hours by check stubs.
7. Social Security deducted from your wages.
8. A job at a non-residential business, open to public access, at a stationary location (no jobs within a home).
9. A work site within the geographical parameters of the Work Experience Education Program including Simi Valley, Moorpark, Newbury Park, Thousand Oaks and Westlake. For Simi Valley High School also the San Fernando Valley west of Tampa Ave. and north of Roscoe Blvd.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|-------------|---|
| Work Experience Education #7727 – 1st Sem. #7728 – 2nd Sem. #5405 – 1st Sem. #5406 – 2nd Sem. <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | RHS SVHS | <p>The Simi Valley Unified School District recognizes that the purpose of the Work Experience Education Program is to provide students with the kind of employment experiences that will enable them to make better career decisions and/or to develop vocational skills. These programs are considered to be a critical part of the total educational effort and are designed to enable the business/industrial community and the school to cooperate in providing quality education to the student.</p> <p>To earn credit, the student must attend weekly class instruction with the Work Experience teacher, work a specified number of hours, and stay working the entire semester. If a student does not complete required hours of work, variable credit may be given.</p> <p>PREREQUISITE(S): <i>Must be enrolled in 11th grade or higher, have a job that meets the requirements of Work Experience Education, have a 2.0 or higher GPA from the previous semester and meet the attendance requirements.</i></p> |

WORK PERMITS POLICY

In order for a student to obtain a work permit and keep it valid, it is the Simi Valley Unified School District Policy that students maintain satisfactory grades and attendance. (BP 5113.2, AR 5113.2)

California Education Code 49164 states in regard to work permit cancellations or revocation of work permits, "A permit to work shall be revoked by the issuing authority when satisfied that the employment of the minor is impairing the health or **education of the minor**, or that any provision or condition of the permit is being violated, or that the minor is performing work in violation of any provision of the law."

It is the Simi Valley Unified School District Policy that students must:

- **Maintain a 2.0 G.P.A. (based on the last Grade Report issued).**
- **Maintain a 90% Attendance Rate (based on period absences).**
- **Have 6 or fewer Period Truants.**

Students are expected to meet the Work Permit Policy to qualify for a work permit. Students who DO NOT meet the Work Permit Policy standards may not be issued a work permit and/or the current work permits may be revoked.

If you have any questions, please call your school's Work Experience Office during school hours.

ENGLISH

These classes are California Standards based English courses.

Refer to California Department of Education Website www.cde.ca.gov for information on standards.

At each grade level in any English course granting full English credit, students can expect to study works from the State-mandated core reading list and to write based on that study. Communication is a vital part of everyone's life. Reading, writing, speaking and listening are skills that everyone needs to develop in order to be better communicators. The English program is designed to help the student learn and improve these skills. The following courses provide the basis for the development of more sophisticated skills in the areas of critical thinking, listening, composition and reading. The curriculum is literature-based and requires intensive reading, writing, speaking and listening. Out of class reading and in class reading (including, but not limited to, short stories, plays, novels, poetry, essays and biographies) will be used to increase reading comprehension, broaden creative thinking and analytical skills and improve writing and speaking skills.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------|--|
| English 9 A/B #H5021 – 1st Sem. #H5022 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th Year 10 Credits | ALL | <p>This course is designed to fulfill the 9th grade English requirement for graduation and also meets the English entrance requirements for four-year universities.</p> <p>Students enrolled in this course will:</p> <p>Read from a variety of genres, surveying traditional and modern literature.</p> <p>Read works from a variety of time periods.</p> <p>Organize thoughts and information, using the writing process.</p> <p>Write for a variety of purposes and audiences.</p> <p>Write an autobiographical essay.</p> <p>Use the appropriate conventions of written language.</p> <p>Use appropriate, effective and specific vocabulary.</p> <p>Understand, evaluate and speak effectively.</p> <p>Communicate ideas through oral language.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): None</p> |
| Honors English 9 #H5019 – 1st Sem. #H5020 – 2nd Sem. <i>Not graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 9 th Year 10 Credits | ALL | <p>This course is designed to fulfill the 9th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. English Honors 9 is an enrichment course which includes considerably more reading, writing and speaking than required in English 9. The student will be expected to write papers and complete projects which reflect, not only the various literary works used in class, but the relevance and importance of these works as well, in addition to meeting the standards set for English 9.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): "A" or "B" in Honors English 8 or "A" in English 8 and/or have a recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.</p> |
| English 10 A/B #H7777 – 1st Sem. #H7778 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th Year 10 Credits | ALL | <p>This course is designed to fulfill the 10th grade English requirement for graduation and also meets the English entrance requirements for four-year universities.</p> <p>Students enrolled in this course will:</p> <p>Read from a variety of genres, surveying tradition and modern literature.</p> <p>Read works from a variety of time periods.</p> <p>Write for a variety of purposes and audiences.</p> <p>Use the appropriate conventions of modern language.</p> <p>Use appropriate, effective and specific vocabulary.</p> <p>Understand, evaluate and speak effectively.</p> <p>Communicate ideas through oral language.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): None</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|-------------|--|
| Honors English 10 #H5027 – 1st Sem. #H5028 – 2nd Sem. Not graded on a 5 point scale Not repeatable for credit | 10 th Year 10 Credits | ALL | <p>This course is designed to fulfill the 10th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. English Honors 10 is an enrichment course which includes considerably more reading, writing and speaking than required in English 10. The objectives of the course are to further develop advanced critical reading skills and increase the development of oral communication skills. This course will involve required reading assignments, oral presentations and various frequent writing assignments in addition to meeting the standards established for the English 10 course.</p> <p>Students enrolled in this course will: Read from a variety of genres, surveying world literature. Read works from a variety of time periods. Organize thoughts and information, using the writing process. Write for a variety of purposes and audiences. Use appropriate, effective, and specific vocabulary. Understand, evaluate, and speak effectively. Communicate ideas through oral language. Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): “A” or “B” in Honors English 9 or “A” or “B” in CP English 9 and/or have a recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.</i></p> |
| English 11 A/B #H7779 – 1st Sem. #H7780 – 2nd Sem. Not repeatable for credit | 11 th Year 10 Credits | ALL | <p>This course is designed to fulfill the 11th grade English requirement for graduation and also meets the English entrance requirements for four-year universities.</p> <p>Students enrolled in this course will: Read from a variety of genres, surveying American literature. Read works from a variety of time periods. Organize thoughts and information, using the writing process. Write for a variety of purposes and audiences. Write a research paper. Write an expository essay. Use the appropriate conventions of written language. Use appropriate, effective and specific vocabulary. Understand, evaluate and speak effectively. Communicate ideas through oral language. Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): None</i></p> |
| Honors English 11 #H5033 – 1st Sem. #H5034 – 2nd Sem. Not graded on a 5 point scale Not repeatable for credit | 11 th Year 10 Credits | RHS SVHS | <p>This course is designed to fulfill the 11th grade English requirement for graduation and also meets the English entrance requirements for four-year universities.</p> <p>Students will explore American literature at a rapid pace, both chronologically and thematically, from Puritan times to the present. The student's ability to think critically will be developed and assessed through frequent writing and speaking assignments. The expository essay will be emphasized as will the student's ability to write under pressure. A fully developed research paper will be required. At times the students will be asked to reflect upon, interpret and evaluate the human condition. Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): “A” or “B” in Honors English 10 or “A” or “B” in CP English 10 and/or recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------|---|
| English 12 A/B #H7781 – 1st Sem. #H7782 – 2nd Sem. <i>Not repeatable for credit</i> | 12 th Year 10 Credits | ALL | <p>This course is designed to fulfill the 12th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students enrolled in this course will:</p> <p>Read from a variety of genres, surveying British works and selected world literature.</p> <p>Read from works from a variety of time periods.</p> <p>Organize thoughts and information, using the writing process.</p> <p>Write for a variety of purposes and audiences.</p> <p>Use the appropriate conventions of written language.</p> <p>Use appropriate, effective and specific vocabulary.</p> <p>Use technology effectively to illustrate or argue a point.</p> <p>Use research methodology effectively to demonstrate an understanding of the research process.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): None</i></p> |
| English 12 Honors #H8323 – 1st Sem. #H8324 – 2nd Sem. <i>Not repeatable for credit</i> | 12 th Year 10 Credits | RHS | <p>This course is designed to fulfill the 12th grade English requirement for graduation and also meets the English entrance requirements for four-year universities. Students will study British literature, poetry, and essays, while practicing the analytical and annotation skills required for college reading. They will also practice a variety of analytical, persuasive, and research-based writing skills that they will need for post-high school education. This class will read more texts than the traditional 12CP class, and will also put an emphasis on presentation and speaking skills, non-fiction and research, and various forms of college-level writing.</p> <p>Satisfies UC/CSU requirements (pending)</p> <p><i>PREREQUISITE(S): An “A” in English 11, an “A” or “B” in 11 Honors, or AP English (Literature or Language) and/or recommendation from the current/previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used.</i></p> |
| Advanced Placement English Language #H5017 – 1st Sem. #H5018 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th Year 10 Credits | ALL | <p>The Advanced Placement Language and Composition course encourages students to become skilled readers of prose written in a variety of time periods, and skilled writers who compose for a variety of purposes and forms, as well as addressing the English 11 American Literature curriculum content. The course focuses on rhetoric, style analysis, sentence variety, grammatical structures, and preparation for the Advanced Placement English Language exam. Students who enroll in this class are strongly encouraged to take the Advanced Placement exam given in May.</p> <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Students must have “A” or “B” in Honors English or “A” in CP English and/or have a recommendation from the current/ previous English teacher. For the purpose of an appeal or when other criteria are not present, a writing sample is used. The student will submit a writing sample of an approved prompt, and a common scoring rubric will be used. Students are required to read two books during the summer and write briefly about them before class begins.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|-------------|---|
| Advanced Placement English Literature & Composition #H5495 – 1st Sem. #H5496 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 12 th Year 10 Credits | ALL | <p>Advanced Placement English is the highest level academic English course available to the high school student. This course demands many hours of reading and writing. The first semester is concerned with western thought from the Old Testament through contemporary literature. The second semester concentrates on British and American prose and poetry from the Elizabethan Age through the 20th Century. Students who enroll in this course are strongly encouraged to take the Advanced Placement examination given in May.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>Students must have “A” or “B” in AP or Honors English or “A” in CP English and/or have a recommendation from the current/ previous English teacher. Submit an approved writing sample (a common scoring rubric will be used) – writing sample is used when other criteria are not present or for the purpose of appeal. When requests exceed space available, the English Language Arts California Standards Test score shall be used as a ranking tie-breaker to determine order of placement. Students who sign up for AP classes after the registration period will be accommodated on a space available basis. Students are required to read three books during the summer and to write briefly about them before class begins.</i></p> |
| IB English A Language and Literature SL #H8495 – 1st Sem. #H8496 – 2nd Sem. Not repeatable for credit | 11 th – 12 th Year 10 Credits | RHS | <p>This course introduces the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. The course is organized in four parts, each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to explore the language A in question through its cultural development and use, its media forms and functions and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.</p> <p>Satisfies UC/CSU “b” elective requirements.</p> <p>PREREQUISITE(S): <i>a grade of “A” in English 10 or an “A” or “B” in English 10 Honors and/or teacher recommendation.</i></p> |
| IB English A Language and Literature HL #H8497 – 1st Sem. #H8498 – 2nd Sem. Not repeatable for credit | 12 th Year 10 Credits | RHS | <p>This course introduces the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. The course is organized in four parts, each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to explore the language A in question through its cultural development and use, its media forms and functions and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.</p> <p>Satisfies UC/CSU “b” elective requirements.</p> <p>PREREQUISITE(S): <i>successful previous enrollment in IB English SL.</i></p> |
| Expository Reading and Writing #H8269 – 1st Sem. #H8270 – 2nd Sem. Not repeatable for credit | 12 th Year 10 Credits | RHS SVHS | <p>The goal is to prepare seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course-the assignment template-presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They will read closely to examine the relationship between an author’s argument or theme and his/her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text. Students will be expected to use this process independently when reading unfamiliar texts and writing in response to them.</p> <p>Satisfies UC/CSU requirements.</p> <p>PREREQUISITE(S): <i>English 9, English10 and English 11</i></p> |

ENGLISH ELECTIVES

THESE COURSES DO NOT QUALIFY FOR ENGLISH GRADUATION CREDIT

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|---|
| Individualized Reading #H7033 – 1st Sem. #H7034 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS | <p>Students in this class will have the opportunity to develop their basic reading skills. Course content will include, but is not limited to, the development of the following skills: vocabulary, comprehension, main idea, use of contextual clues, sequencing, drawing conclusions, interpretation and making inferences. These skills are important for academic success in all curricular areas.</p> <p>PREREQUISITE(S): <i>Scores lower than basic on the ELA-CST.</i></p> |
| Journalism I #H5051 – 1st Sem. #H5052 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>Students in Journalism will learn how to write in the various journalistic forms. They will be treated as though they are actually working professionally as they publish the school newspaper. Students will learn and use a variety of equipment and software to produce the school newspaper, which include word processing, spreadsheets, desktop publishing, electronic transfer of information, digital cameras, art and scanning software. They will also learn how to successfully deal in the business world by managing ads and advertising clients.</p> <p>Satisfies UC/CSU elective requirement when taken in 11th or 12th grade.</p> <p>PREREQUISITE(S): <i>Teacher approval.</i></p> |
| Journalism II/ Advanced #H5053 – 1st Sem. #H5054 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Year 10 Credits | RHS | <p>Students in Journalism II/Advanced will learn how to write in the various journalistic forms. They will be treated as though they are actually working professionally as they publish the school newspaper. Students will learn and use a variety of equipment and software to produce the school newspaper, which include word processing, spreadsheets, desktop publishing, electronic transfer of information, digital cameras, art and scanning software. They will continue to successfully deal in the business world by managing ads and advertising clients. Journalism II students are the leadership of the newspaper and assist Journalism I students.</p> <p>Satisfies UC/CSU elective requirement when taken in 11th or 12th grade.</p> <p>PREREQUISITE(S): <i>Grade of “B” or better in Journalism I and teacher approval.</i></p> |

WORLD LANGUAGES

WHY LEARN ANOTHER LANGUAGE? The Foreign Language program at the high schools includes instruction in languages that are important in today's modern world: FRENCH, GERMAN, and SPANISH. These languages serve as vital links to America's European cultural heritage and are widely used in conducting the world's daily business within the United States, Canada, Central and South America and with the extremely important European community.

In a world where people from different countries interact daily for both business and pleasure, a language skill is an important asset. Communicating in another language brings huge advantages such as, an increased earning power, a broadened cultural understanding and sharpened intellectual skills. For students, learning a new language can be an asset in the job market, a spur to personal and intellectual growth (research shows that students who study a foreign language out score others on a variety of measures, including the SAT), a source of increased self-esteem and an enjoyable experience as they learn how other people communicate.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|----------------------------|--|
| American Sign Language I #H8281 – 1 st Sem. #H8282 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | In ASL I, the goal is basic, everyday communication in American Sign Language and deaf cultural awareness. Students will develop beginning competencies in the grammatical features of ASL as well as the expressive and receptive communication skills needed to handle basic, everyday exchanges of information. This will include a shift from speaking and hearing a language to signing and watching. Satisfies UC/CSU requirements. PREREQUISITE(S): None |
| American Sign Language II #H8283 – 1 st Sem. #H8284 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | In ASL II, students will build upon their prior skills from level one in communicating in American Sign Language and expand their knowledge of the deaf culture. Course includes sign vocabulary, finger spelling and numbers. Students will also participate in expressive and receptive signing activities and learn about the history of American Sign Language. Satisfies UC/CSU requirements. PREREQUISITE(S): Completion of ASL I with a grade of "C" or better. |
| French I #H5241 – 1 st Sem. #H5242 – 2 nd Sem. Spanish I #H5257 – 1 st Sem. #H5258 – 2 nd Sem. German I #H5267 – 1 st Sem. #H5268 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL ALL SSHS | In all Level I classes, the goal is basic, everyday communication and cultural awareness. Students will develop a solid foundation of vocabulary and language structure in listening, speaking, reading and writing. Satisfies UC/CSU requirements. PREREQUISITES: None |
| French II #H5243 – 1 st Sem. #H5244 – 2 nd Sem. Spanish II #H5259 – 1 st Sem. #H5260 – 2 nd Sem. German II #H5269 – 1 st Sem. #H5270 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL ALL SSHS | All second-year language classes begin with a review and exposure of first-year material. Throughout the second year students will develop and expand their foundation of vocabulary language structures and cultural awareness. Through listening and reading activities, students will acquire a greater understanding of the language. Additionally, through speaking and writing activities students will be able to communicate more naturally in the target language. Students expand upon the course content from Level I. Completion with a "C" or better of a Level II Foreign Language course meets the entrance requirements for the CSU system and is the minimum expectation for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU requirements PREREQUISITE(S): Grade of "C" or better in Level I course. |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------------------------------|--|
| French III #H5245 – 1 st Sem. #H5246 – 2 nd Sem. Spanish III #H5261 – 1 st Sem. #H5262 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL ALL | Level III is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, the course is designed to extend the learning of the first two years, and to prepare the student for either Language III Honors or Advanced Placement. Completion with a “C” or better of a Level III Foreign Language course meets the recommended preparation in language for acceptance to the UC system and most private colleges and universities. Satisfies UC/CSU requirements. PREREQUISITE(S): Successful completion of Level I and Level II. Level II must be completed with a “C” and the recommendation of the prior year’s teacher. |
| Honors French III #H8023 – 1 st Sem. #H8024 – 2 nd Sem. Honors Spanish III #H5645 – 1 st Sem. #H5646 – 2 nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL ALL | The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds is lessened in favor of increased attention to speaking and writing the language. This honor student must show evidence of study habits mastered in order to be able to successfully handle an enriched academic area of study. This course is designed to extend the learning of the first two years and to prepare the student for an AP language. Satisfies UC/CSU requirements. PREREQUISITES: Successful completion of Levels I and II. Level II must be completed with a “B” AND the recommendation of the prior year’s teacher. |
| French IV #H5247 – 1 st Sem. #H5248 – 2 nd Sem. Spanish IV #H5263 – 1 st Sem. #H5264 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS SSHS SVHS | The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds are lessened in favor of increased attention to speaking, reading and writing the language. This course is designed to extend the learning of the first three years. Successful completion of a Level IV Foreign Language course meets the requirements for entrance to an Advanced Placement course. It may also meet the language requirement for graduation at some colleges and universities. Satisfies UC/CSU requirements. PREREQUISITE(S): Successful completion of Level III or Level III Honors with a “C” and recommendation of the prior year’s teacher. |
| Advanced Placement French Language #H5633 – 1 st Sem. #H5634 – 2 nd Sem. Advanced Placement Spanish Language #H5505 – 1 st Sem. #H5506 – 2 nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SSHS ALL | The program is a developmental study in all phases of second language acquisition. It contains within it repetition and recurrence of previous learning, blended with new materials. As the program progresses, an emphasis upon sounds are lessened in favor of increased attention to speaking, reading and writing the language. The course is designed to extend the learning of the first three years and prepare the student for the AP exam. Satisfies UC/CSU requirements. PREREQUISITE(S): Successful completion of Level III with an “A”, or Level III Honors with a “B”, and must have an overall grade point average of 3.0 or better, or teacher recommendation based upon prior academic performance and/or demonstration of skill proficiency such as, but not limited to, an AP readiness test. Students who sign up for AP classes after the registration period will be accommodated on a space available basis. |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|---|
| IB French SL #H8479 – 1st Sem. #H8480 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 20 Credits | RHS | <p>Language B (French) Standard Level (SL) is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. The course is organized into themes. Three core themes are required: communication and media, global issues and social relationships. In addition, teachers select two more themes from five options provided. Satisfies UC/CSU “e” elective requirements.</p> <p><i>PREREQUISITE(S): Successful completion of at least French II with an “A” or a “B” and/or teacher recommendation. Students such as native speakers may also demonstrate prerequisite skills via a placement exam.</i></p> |
| IB Spanish SL #H8483 – 1st Sem. #H8484 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 20 Credits | RHS | <p>Language B (Spanish) Standard Level (SL) is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. The course is organized into themes. Three core themes are required: communication and media, global issues and social relationships. In addition, teachers select two or more themes from five options provided. Satisfies UC/CSU “e” elective requirements.</p> <p><i>PREREQUISITE(S): successful completion of at least Spanish II with an “A” or a “B” and/or teacher recommendation. Students such as native speakers may also demonstrate prerequisite skills via a placement exam.</i></p> |
| Spanish II for Native Speakers #H8265 – 1st Sem. #H8266 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | SVHS | <p>A second-year course designed for students who already speak some Spanish at home, or for those who are motivated and willing to be taught solely in Spanish, and to be immersed in a total Spanish-speaking environment in the classroom. Like all second-year languages, classes begin with a review and expansion of first-year material. Throughout the second year, students will develop and expand their foundation of vocabulary, language structures and cultural awareness. Through listening, speaking, reading and writing activities, students will acquire a greater understanding of the language, and will be able to communicate in the target language. Special attention will be dedicated to the linguistic needs of the Spanish-speaking students, as they need to expand their vocabulary from home situations to include academic or business settings. Spanish phonetics, spelling and accentuation will be taught in contrast to the already acquired English spelling and phonetics, so that students will not superimpose it on to the Spanish they learn. Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Completion of Spanish I with a “B” or better, or an 85% or better on a placement test given to native speakers not meeting the prerequisite.</i></p> |

MATHEMATICS

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|---|
| Algebra I #H5161 – 1st Sem. #H5162 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>Algebra is the language through which most of mathematics is communicated. It provides a means of operating with concepts at an abstract level. Symbolic reasoning and calculation are central to this course. Through the study of algebra, students develop understanding of the symbolic language of mathematics. Algebraic skills and concepts are developed and used in a wide variety of problem-solving situations.</p> <p>Satisfies UC/CSU Requirements.</p> <p>PREREQUISITE(S): <i>Teacher recommendation/approval.</i></p> |
| Geometry #H5169 – 1st Sem. #H5170 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>This course is a formal development of the geometric skills and concepts necessary for students who will take Algebra II and/or other advanced college preparatory courses. In particular, the instructional program will provide for the:</p> <p>Consistent use of algebra throughout the course to reinforce the skills and concepts developed in Algebra I.</p> <p>Exploratory development of the formal representation of logical arguments.</p> <p>Application of logical principles to geometric proofs.</p> <p>Use of a full range of problem solving skills in the development of geometric concepts.</p> <p>Extension of trigonometry to angles greater than 90 degrees as a precursor to the development of circular function trigonometry in later courses.</p> <p>Satisfies UC/CSU Requirements.</p> <p>PREREQUISITE(S): <i>Passing grade 1st sem. and at least a “C” 2nd sem. of Algebra I, “C” or better in 2nd sem of Algebra CD, or teacher approval.</i></p> |
| Algebra II #H5179 – 1st Sem. #H5180 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | <p>This course expands the mathematical content of Algebra I and Geometry. Review of those concepts should be integrated throughout the course. Emphasis should be placed on abstract thinking skills, the function concept and the algebraic solution of problems in various content areas. Content areas emphasized include:</p> <p>The solution of systems of quadratic functions, logarithmic and exponential functions.</p> <p>Progressions, sequences, series and the binomial theorem.</p> <p>The complex number system.</p> <p>Right and oblique triangle trigonometry.</p> <p>Satisfies UC/CSU Requirements.</p> <p>PREREQUISITE(S): <i>Passing grade first semester and at least a “C” in second semester of Geometry.</i></p> |
| Algebra II and Trigonometry #H8049 – 1st Sem. #H8050 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | <p>This course is offered for academically exceptional students who intend on enrolling in AP Calculus in subsequent grades. Students entering the course will be expected to demonstrate creativity, imagination and have the ability to apply Algebra in various situations. The course will emphasize the logical deductive nature of Algebra and will develop the trigonometric functions through the use of both right triangle and circular functions. Implementation of current technology, such as graphing calculators and computer-assisted instruction, will be used in the development of the skills and concepts. Test given during final week.</p> <p>Satisfies UC/CSU Requirements.</p> <p>PREREQUISITE(S): <i>Grade of “A” or better in both semesters of Geometry and teacher recommendation.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------|--|
| Math Analysis #H5173 – 1st Sem. #H5174 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | Math Analysis is a full-year course that blends together all of the pre-calculus concepts and skills that must be mastered prior to the enrollment in a college level calculus course. A functional approach integrating as many concepts as possible will be used throughout the course. Implementation of current technology, such as graphing calculators and computer-assisted instruction, will be used in the development of the skills and concepts. Satisfies UC/CSU Requirements. <i>PREREQUISITE(S): Grade of “C” or better in Algebra II or teacher approval.</i> |
| Advanced Placement Calculus AB #H5493 – 1st Sem. #H5494 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | This Advanced Placement course is intended for students who have a thorough knowledge of college preparatory pre-calculus mathematics including Algebra, Geometry and Trigonometry. A score of 3, 4 or 5 on the examination will enable the student to obtain from 3 to 6 semester units of college credits in mathematics. Graphing calculators and computers will be used throughout the course to aid in the solution of problems. Problems requiring the use of a graphing calculator will be included on the Advanced Placement examination. Topics covered include: Differential calculus and applications. Integral calculus and applications Solutions to elementary differential equations. Satisfies UC/CSU Requirements. <i>PREREQUISITE(S): Grade of “C” or better in either Algebra 2/Trig or Math Analysis and teacher recommendation.</i> |
| Advanced Placement Calculus BC #H7399 - 1st Sem. #H7400 - 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all the topics covered in Calculus AB plus additional topics. Examples of additional topics covered include: <ul style="list-style-type: none"> Parametric, polar and vector functions. L'Hôpital's Rule and its use in determining convergence of improper integrals Polynomial approximations of series. Satisfies UC/CSU Requirements. <i>PREREQUISITE(S): Grade of “C” or better in AP Calculus AB and/or teacher approval.</i> |
| IB Mathematics SL #H8473 – 1st Sem. #H8474 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | RHS | This course is a standard level IB course and caters to students who already possess sound mathematical knowledge. This program is designed to prepare students for future studies in the hard sciences, social sciences and business. Topics include families of functions and their graphs, sequences and series, complex numbers, trigonometry, vectors, probability and statistics and calculus (both differential and integral.) In addition, several extended mathematical investigations will be required. Satisfies UC/CSU “c” elective requirements. <i>PREREQUISITE(S): successful completion of Algebra II or equivalent.</i> |
| IB Mathematics HL #H8475 – 1st Sem. #H8476 – 2nd Sem. <i>Not repeatable for credit</i> | 11th – 12th Year 10 Credits | RHS | This course is a standard level IB course and caters to students who already possess sound mathematical knowledge. This program is designed to prepare students for future studies in the hard sciences, social sciences and business. Topics include families of functions and their graphs, sequences and series, complex numbers, trigonometry, vectors, probability and statistics and calculus (both differential and integral.) In addition, several extended mathematical investigations will be required. The aims of this course are to enable students to: <ul style="list-style-type: none"> Develop mathematical knowledge, concepts and principles Develop logical, critical and creative thinking Employ and refine their powers of abstraction and generalization Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives. Satisfies UC/CSU “c” elective requirements. <i>PREREQUISITE(S): successful completion of either Math SL, Algebra II/Trigonometry or Math Analysis.</i> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|-------------|---|
| Honors Calculus C #H8329 – 1st Sem. #H8330 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | SSHS | This course covers vectors in plane and three dimensional space, dot and cross products, spherical and cylindrical coordinates of several variables, partial derivatives, gradients, Lagrange multipliers, multiple integrals and their applications, vector calculus with line and surface integrals, Green's , Stokes' and Divergence Theorems and applications. It will also include a review of Trigonometry, Calculus A & B topics and an introduction to Linear Algebra and Differential Equations. Satisfies UC/CSU Requirements. PREREQUISITE(S): AP Calculus BC with a "C" or better. |
| CP Statistics #H8275 – 1st Sem. #H8276 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | The course is intended for students who have a strong knowledge of college preparatory mathematics including algebra, geometry, and second-year algebra. Topics covered include: <ul style="list-style-type: none"> ▪ Exploring Data: Observing patterns and departures from patterns. ▪ Planning a Study: Deciding what and how to measure. ▪ Anticipating Patterns in Advance: Producing models using probability and simulation. ▪ Statistical Inference: Confirming models. Satisfies UC/CSU requirements. PREREQUISITE(S): Grade of "C" or better in both semesters of Algebra II or both semesters of Algebra II & Trigonometry. |
| Advanced Placement Statistics #H5667 – 1st Sem. #H5668 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | The statistics presented are primarily descriptive. Newspapers, magazines and televised programs will be used to introduce and discuss the following topics: table graphs (circle, bar, line and histograms); plots (scatter, stem-and-leaf and box-and-whiskers); measures of central tendency; measures of deviation; quartiles, percentiles, variance, Z-scores and others. Students will become familiar with statistics calculators and use software packages. Satisfies UC/CSU requirements. PREREQUISITE(S): Grade of "B" or better in Algebra II. |
| Advanced Placement Computer Science A #H5183 – 1st Sem. #H5184 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | The goals of this course are comparable to those in the introductory sequence of courses for computer science majors at the university level. This course is intended to serve as both an introductory course for computer science majors and for those students whose majors will require significant involvement with computing. A score of 3, 4 or 5 on the examination will enable the student to obtain from three semester units of college credit in computer science. Satisfies UC/CSU requirements "g" Students who sign up for AP classes after the registration period will be accommodated on a space available basis. PREREQUISITE(S): Successful completion of Algebra II or approval from instructor in lieu of math requirement. |
| Computer Programming I #H7136 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | The course is designed as an introductory course for students planning to enter into the field of computer programming in high school, college and/or business. Students will develop a variety of programming skills using software that meets the current industry standard. This course satisfies the Computer Education graduation requirement and/or 5-unit math elective. Satisfies UC/CSU elective "g" requirement only. PREREQUISITE(S): Grade of "C" or better in second semester of Algebra I or equivalent, or teacher approval. One semester of Keyboarding recommended. |
| Computer Programming II #H8015 – 1st Sem. #H8016 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | The course is designed for students planning to enter into the field of computer programming in high school, college and/or business as a continuation of Computer Programming concepts. Student will develop a variety of programming skills using software that meets the current industry standard. This course satisfies the Computer Education graduation requirement or 5-unit math credit. Satisfies UC/CSU elective "g" requirement only. PREREQUISITE(S): Completion of Computer Programming I with a grade of "B" or better or teacher approval. |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|---|--------------|--|
| Exploring Computer Science AB #H8327- 1st Sem. #H8328- 2nd Sem. Not repeatable for credit | 9 th -12 th Year 10 credits | SSHS SVHS | <p>This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus 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 AB is to develop the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students.</p> <p>Satisfies UC/CSU elective "g" requirement only.</p> <p><i>PREREQUISITE(S): Algebra 1 with a "C" or better.</i></p> |

PHYSICAL EDUCATION

All Physical Education courses conform to Title IX requirements regardless of course title.

PLEASE NOTE: All ninth students must be enrolled in an approved P.E. class both semesters of their ninth and tenth grade years.

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------|--|
| Adaptive P.E. #H0111 – 1 st Sem. #H0112 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | An alternative to regular physical education, based on an I.E.P. PREREQUISITE(S): Individual Education Plan. |
| P.E. 9 #H7489 – 1 st Sem. #H7490 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th Grade Semester 5 Credits | ALL | Physical Education is required for all students. The Physical Education Department will provide several activities in order to develop well rounded individuals. Teaching rules, skills, techniques, and strategies of recreational and leisure time activities are included. Students prepare daily for the California Physical Fitness Test. PREREQUISITE(S): None |
| P.E. 10 #H7495 – 1 st Sem. #H7498 – 2 nd Sem. <i>Repeatable for credit</i> | 10 th Grade Semester 5 Credits | ALL | Physical Education is required for all students. The P.E. Department will provide several activities in order to develop well rounded individuals. Teaching rules, skills, techniques and strategies of recreational and leisure time activities are included. Students continue their skill development in the same areas as in 9 th grade P.E. PREREQUISITE(S): None |
| P.E. Marching Band #H7529 – 1 st Sem. #H7528 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | This course will emphasize the techniques, attitudes and skills needed for Marching Band while also covering skills and competencies to meet the California Physical Ed. Content Standards for High School. This group performs at all football games, marches in a number of parades and is responsible for presenting quality music at community functions. Must be enrolled in another band class during the day. P.E. credit given. PREREQUISITE(S): None |
| Pep Squad #H7289 – 1 st Sem. #H7290 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | Pep Squad is a year long course where students work on flexibility, strength, dance, cheer and stunting. Students cheer at football and basketball games, volleyball and wrestling matches. Squad will also participate in the Simi Valley Days parade, summer cheer camp, pep rallies, and other school activities. Physical Education is required of all students. The Physical Education Department will provide several activities in order to develop well-rounded individuals. Teaching rules, skills, techniques and strategies of recreational and leisure-time activities are included. Participation requires enrollment in both semesters. P.E. credit given. PREREQUISITE(S): Formal tryout in the spring necessary for participation. Teacher recommendation, academic eligibility and attendance will determine participation throughout the year. |
| P.E. , Color Guard #H5451 – 1 st Sem. #H5452 – 2 nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | In addition to covering skills and competencies to meet the CA Physical Education Content Standards for High School, this course will emphasize techniques, attitudes and skills needed for participation in Color Guard. The Color Guard performs at parades, half-time shows, school events and other approved public functions. Required rehearsals may be before or after school or at night. P.E. credit given. PREREQUISITE(S): Teacher approval |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|-------------|---|
| Varsity P.E. Boys' <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.</p> <p>#7645/7646 Baseball #7637/7638 Basketball #7635 (1st Sem.) Cross Country #7633/7634 Football #7286 (2nd Sem.) Golf #8318 (2nd Sem.) Lacrosse #7641/7642 Soccer #7282 (2nd Sem.) Swimming/Diving #7647 (2nd Sem.) Tennis #7976/7643 Track #7272 (2nd Sem.) Volleyball #7979 (1st Sem.) Water Polo #7639/7640 Wrestling</p> <p>PREREQUISITE(S): A 2.0 GPA or above during the quarter preceding play and signature of the coach.</p> |
| Varsity P.E. Girls' <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>The Varsity Athletic Program offers the opportunity to compete in the sport of your choice and represent the school against other schools in our league. Students who practice or compete in a competitive sport are required by California Education Code, Section 31752 to be covered by at least \$1,500 insurance protection through a medical plan for medical and hospital expenses. The insurance is available through Student Insurance (see the coach or Athletic Director) or may be covered through a private plan contracted by the parents or through their place of employment.</p> <p>#7273/7274 Basketball #7268 (1st Sem.) Cross Country #7285 (1st Sem.) Golf #8320 (2nd Sem.) Lacrosse #7275/7276 Soccer #7280 Softball #7282 (2nd Sem.) Swimming/Diving #7269 (1st Sem.) Tennis #7976/7277 Track #7271 (1st Sem.) Volleyball #7979 (1st Sem.) Water Polo #7639/7640 Wrestling</p> <p>PREREQUISITE(S): A 2.0 GPA or above during the quarter preceding play and signature of the coach.</p> |
| Bowling #H8125 – 1st Sem. #H8126 – 2nd Sem. <i>Repeatable for credit</i> | 10 th – 12 th Semester 5 Credits | RHS SVHS | <p>Parent and student must agree that participation in this class will not cause the student to be tardy or absent from his/her Period 2 class. This course may not be used to make up failing grades from grades 9 and 10. Class meets at 7 a.m. off campus twice weekly.</p> <p>PREREQUISITE(S): Students must have passed Physical Education 9 with a 'C' or better on their semester grade reports and/or passed the State Physical Fitness test (PFT). Parent permission required and transportation must be arranged by the student/parent. Class meets off campus at 7:00 a.m. two times per week. Parent and student must agree that participation in this class will not cause the student to be tardy or absent from his/her Period 2 class.</p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|-------------|---|
| Skateboarding #H8339 Repeatable for credit | 10 th -12 th Semester 5 Credits | SVHS | <p>This course focuses on skill development for the beginning/inexperienced skateboarder. Instruction will cover terminology, equipment, etiquette, local and state laws and regulations, and safety. In addition, the course will cover fundamental skills of skateboarding including some more advanced moves for more experienced skateboarders.</p> <p><i>PREREQUISITE(S): Students must have passed Physical Education 9 with a 'C' or better on their semester grade reports and/or passed the State Physical Fitness test (PFT). Parent permission required and transportation must be arranged by the student/parent. Class meets off campus at either 7:00 A.M. or 2:00 P.M. two times per week. Parent and student must agree that participation in this class will not cause the student to be tardy or absent from his/her Period 2 class.</i></p> |
| P.E. Weight Training #H7475 - 1st Sem. #H7476 - 2nd Sem. Repeatable for credit | 10 th – 12 th Semester 5 Credits | RHS SVHS | <p>This course is designed to give a solid fundamental introduction to weight training for the beginning student and a chance for the experienced weight student to further develop and reach higher goals. Proper use of equipment, correct setting and safety procedures, setting up a program, and the hazards of steroids will be emphasized.</p> <p><i>PREREQUISITE(S): Must have completed 9th P.E. with a grade of "C" or better.</i></p> |
| Yoga/Pilates #H8243 – 1st Sem. #H8244 – 2nd Sem. Repeatable for credit | 10 th – 12 th Semester 5 Credits | SVHS | <p>Students will develop a sense of body awareness. Students will deepen their understanding of anatomy and kinesiology through vocabulary and performance.</p> <p><i>PREREQUISITE(S): Must have completed 9th P.E. with a grade of "C" or better.</i></p> |

SCIENCE

These courses meet the UC or CSU requirements for a-g

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|--|
| CP Science 9 #H5585 – 1st Sem. #H5586 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | This introductory science course is content standards based with an emphasis on the earth sciences, including some aspects of physics, chemistry, and biology. This laboratory-based college preparatory course incorporates math-based applications and activities intended to insure a good foundation for subsequent courses in the physical and biological sciences. Satisfies the UC/CSU “g” elective requirement. PREREQUISITE(S): None |
| CP Biology #H5201 – 1st Sem. #H5202 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | This is a rigorous college preparatory laboratory-based course covering all the California Science Standards for grades 9-12 Biology/Life Sciences. The study of biology begins with a review of chemistry and energetics, then covers the principles of cellular biology, followed by the study of genetics leading to a discussion of diversity of form and physiology. Ecology is also addressed. Satisfies UC/CSU “d” requirement. PREREQUISITE(S): None |
| Advanced Placement Biology #H5573 – 1st Sem. #H5574 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | This is an advanced laboratory course in Biology. Homework requirement: 5-10 hours per week. Laboratory work is emphasized. Student must be self-motivated and possess strong reading skills. Scientific calculator required. Programmable/graphing calculators not allowed on tests. Satisfies UC/CSU “d” requirement. PREREQUISITE(S): Completion of CP Chemistry with a “B” grade or better; grade of “B” or better in prior CP Science class; or teacher recommendation. Students must meet three of the above four criteria. |
| IB Biology SL #H8499 – 1st Sem. #H8500 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | RHS | The biology course is organized by topics, SL students study six topics and HL students study a further five, with some of these taking the first six topics to greater depth. In addition to this, both SL and HL students study two out of a choice of seven (at SL) or five (at HL) option topics. There are four basic biological concepts that run throughout: Structure and function Universality versus diversity Equilibrium within systems Evolution These four concepts serve as themes that unify the various topics that make up the three sections of the course: the core, the additional higher level (AHL) material and the options. Satisfies UC/CSU “d” requirements. PREREQUISITE(S): a grade of “B” or better in CP science courses previously taken including CP Chemistry, or teacher recommendation. |
| IB Biology HL #H8501 – 1st Sem. #H8502 – 2nd Sem. <i>Not repeatable for credit</i> | 11th – 12th Year 10 Credits | RHS | The biology course is organized by topics, SL students study six topics and HL students study a further five, with some of these taking the first six topics to greater depth. In addition to this, both SL and HL students study two out of a choice of seven (at SL) or five (at HL) option topics. There are four basic biological concepts that run throughout: Structure and function Universality versus diversity Equilibrium within systems Evolution These four concepts serve as themes that unify the various topics that make up the three sections of the course: the core, the additional higher level (AHL) material and the options. Students at HL are required to study the options and some topics in greater depth as well as some additional topics. The distinction between SL and HL is one of breadth and depth. Satisfies UC/CSU “d” requirements. PREREQUISITE(S): a grade of “B” or better in CP science courses previously taken including CP Chemistry, or teacher recommendation. |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------|---|
| CP Chemistry #H5213 – 1st Sem. #H5214 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | <p>This is a college preparatory laboratory-based science course covering all the California Science Standards for grades 9-12 Chemistry. The course fosters a deep appreciation of chemistry and requires high level problem solving skills. Students are taught strategies to solve both numeric (quantitative) and conceptual (qualitative) problems. Satisfies UC/CSU “d” requirement.</p> <p>PREREQUISITE(S): <i>Completion of Algebra I or its equivalent with a “B” or better 2nd semester or Geometry with a “C” or better 2nd semester and General Biology with a “B” or better 2nd semester and a teacher recommendation.</i></p> |
| Advanced Placement Chemistry #H5517 – 1st Sem. #H5518 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | <p>This is an advanced placement course designed to prepare the student for the AP Chemistry exam, and covers the equivalent of one full year of college level General Chemistry. It is a rigorous math-based course, with a strong laboratory component. It is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments outside of class, and who have successfully completed a prior course in chemistry during high school. The primary goal of the course is for students to understand the basic principles of modern chemistry-including stoichiometry, electrochemistry, equilibrium, kinetic, and thermodynamics-while also demonstrating the ability to use that understanding in the solution and meaningful communication of mathematically based laboratory and textbook problems. Satisfies UC/CSU “d” requirement.</p> <p>PREREQUISITE(S): <i>It is recommended that the AP Chemistry course be taken after the successful completion of a first course in high school chemistry. The math prerequisite is a “C” or better in a second year algebra course, and/or teacher recommendation.</i></p> |
| CP Physics #H5221 – 1st Sem #H5222 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | <p>Through investigations, demonstrations and labs, students observe natural phenomena, propose hypotheses and generate descriptions. Using technology for analysis, calculus and applications they experience the rich level of description, analysis and problem solving that physics provides. Satisfies UC/CSU “d” requirements.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Advanced Placement Physics I #H8469 – 1st Sem. #H8470 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | <p>AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including both translational and rotational motions); work, energy and power; mechanical waves and sound; and simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A major component of this course will be hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Satisfies UC/CSU requirement.</p> <p>PREREQUISITE(S): <i>Completion of Geometry and received a “B” or higher. Must be concurrently enrolled in or have taken Algebra II or an equivalent course. Those who are concurrently enrolled in or have taken any AP Calculus courses are preferred.</i></p> |
| Advanced Placement Physics B #H8043 – 1st Sem. #H8044 – 2nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | RHS SVHS | <p>This Advanced Placement course includes topics in both classical physics and modern physics. A strong knowledge of algebra and basic trigonometry is required for the course. Understanding of the basic physics principles involved and the ability to apply these principles in the solution of problems are the major goals of this course. Laboratory exercises, appropriate to the course content, will be included as part of this course. A student may receive college credit upon passing the College Board evaluation. Satisfies UC/CSU “d” requirements.</p> <p>PREREQUISITE(S): <i>Completion of, or concurrent enrollment in Math Analysis, and teacher recommendation.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------|--|
| Physics C (Electricity and Magnetism) #H8212 – 1 st Sem. #H8213 – 2 nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | <p>This course is intended for students who have a thorough knowledge of pre-calculus mathematics and AP Calculus AB. The content is intensive, analytic, and places strong emphasis on solving a variety of challenging problems, some requiring calculus. <u>This course is an independent study course with no laboratory exercises.</u> It builds on the conceptual understanding attained in AP Physics B and serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used in formulating physical principles and in applying them to physical problems. Graphing calculators will be used throughout the course to aid in the solution of problems. This is not an AP course and does not earn an extra grade point. Satisfies UC/CSU “d” requirements.</p> <p>PREREQUISITE(S): <i>Grade of “C” or better in both semesters of Physics C (Mechanics), AP Calculus and teacher recommendation.</i></p> |
| Physics C (Mechanics) #H8214 – 1 st Sem. #H8215 – 2 nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | <p>This course is intended for students who have a thorough knowledge of pre-calculus mathematics and who are enrolled in AP Calculus AB or BC. The content is intensive, analytic, and places strong emphasis on solving a variety of challenging problems, some requiring calculus. <u>This course is an independent study course with no laboratory exercises.</u> It builds on the conceptual understanding attained in AP Physics B and serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used in formulating physical principles and in applying them to physical problems. Graphing calculators will be used throughout the course to aid in the solution of problems. Satisfies UC/CSU “d” requirements.</p> <p>PREREQUISITE(S): <i>Concurrent enrollment in AP Calculus AB, grade of “C” or better in both semesters of AP Physics B and teacher recommendation. (Exception: if a student taking AP Physics B receives an “A” on every mechanics chapter test, then he/she can also take this course.)</i></p> |
| Advanced Placement Physics C (Mechanics) #H5519 – 1 st Sem. #H5520 – 2 nd Sem. <i>Graded on a 5 point scale</i> <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | ALL | <p>Students in AP Physics C-Mechanics develop their talents and appreciation for the scientific method. Through investigations, demonstrations and labs, they observe natural phenomena, propose hypotheses and generate descriptions. Ideas are tested and foundations are laid for fundamental laws, theories and formulas. These concepts and formulas are then used to solve problems and are applied for predictions that are tested and evaluated. Using graphing calculator technology for analysis, calculus and applications they experience the rich level of description, analysis and problem solving that physics provides. In addition, they experience the wonder of the science and nature and learn to appreciate the poetic descriptions of the Universe offered by many scientists including Galileo Galilei, Johannes Kepler and of course Isaac Newton. Satisfies UC/CSU “d” requirements.</p> <p>PREREQUISITE(S): <i>Concurrent enrollment in AP Calculus, student must be qualified for and be enrolled in or have taken AP Calculus AB or BC.</i></p> |
| CP Human Anatomy and Physiology #H5207 – 1 st Sem. #H5208 – 2 nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | RHS SVHS | <p>This course is designed to provide a broad-based, general study of the human body. The focus of the course is for people who have interests in science and healthcare professions and desire to learn more about the human body. The course may lead people to careers in the medical and health professions. Through the use of microscopes, models, mannequins, skeletons and skeletal parts, videotapes and a cat dissection, students will gain a thorough understanding of the structure and function of major systems of the human body. Lab work is stressed including dissections of fetal pigs and cats. Satisfies UC/CSU “d” requirement.</p> <p>PREREQUISITE(S): <i>Grade of “C” or better in both Biology and Chemistry and teacher approval.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------------|---|
| Honors Human Anatomy and Physiology #H5521 – 1st Sem. #H5522 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th – 12 th Year 10 Credits | ALL | This course is a detailed study of the structures and functions of the human body. Various materials, apparatus, and dissections of assorted specimens are used to provide laboratory experiences in this area. Local physicians will present lecture-demonstrations covering specific topics in both anatomy and physiology. This course is primarily designed for people with specific interest in entering the medical and health professions. Students will be required to complete an independent research project, a presentation of practical anatomy, and a Power Point presentation in physiology. Satisfies UC/CSU “d” requirements. PREREQUISITE(S): PREREQUISITE(S): Grade of “B” or better in CP Biology and CP Chemistry or teacher approval. |
| Advanced Placement Environmental Science #H8210 – 1st Sem. #H8211 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th – 12 th Year 10 Credits | SSHS SVHS | Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course includes a laboratory and field investigation component. Satisfies UC/CSU “d” requirements. PREREQUISITE(S). Recommended completion of biology and chemistry. A grade of “C” or better in 2nd semester of algebra, and teacher recommendation. |
| Plant Science #H8309 – 1st Sem. #H8310 – 2nd Sem. CTE Pathway Course Repeatable for credit | 10th – 12th Semester 5 credits | SVHS | This course provides basic education in the field of plant science and is designed to include all areas of botanical study beginning with a study of plant cells and their function. Training will be provided in soil and soil management, fertilizers and their application, plant pests and their control methods, plant diseases and their control methods and various types of plant propagation. Does NOT satisfy UC/CSU requirement. PREREQUISITE(S): Successful completion of Science 9 |
| Essentials of Environmental Science #H7872 CTE Pathway Course Not repeatable for credit | 11 th – 12 th Semester 5 Credits | SVHS | This course takes a thematic approach with eight science strands: The scientific method and critical thinking Earth as a system Life and the environment Sustainable conservation and management of living systems Energy Water environment Air pollution Environment and society Does NOT satisfy UC/CSU requirement. PREREQUISITE(S): Successful completion of two years of science. |
| Science Lab Assistant #H5785 – 1st Sem. #H5786 – 2nd Sem. Repeatable once only for credit | 11 th – 12 th Semester 5 Credits | ALL | Lab Assistant involves assisting the science teacher in lab preparation, making solutions, setting up labs and cleaning laboratory equipment. Does NOT satisfy UC/CSU requirement. NOTE: This course gives <u>ELECTIVE</u> credit; <u>NOT</u> science credit and may be taken only twice for a total of ten (10) credits. PREREQUISITE(S): Teacher approval |

SOCIAL SCIENCE

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------|--|
| Academic Decathlon #H7045 1st Semester <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | This is an in-depth study in the areas of economics, fine arts, science, math, social studies, essay writing, language and literature, interview skills and public speaking. The purpose is to prepare students for participation in the Ventura County Academic Decathlon Competition. PREREQUISITE(S): Teacher approval |
| America in the 60's: Myths and Realities #H7579 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS | This course will focus in detail on the decade of the 1960's. The class will start with a look at the issues and elements of the 1950's that sowed the seeds for the turbulent years that followed. The class will start with a look at the Eisenhower years of the 1950's and end with the Nixon administration of the 1970's. Issues on social history that will be examined are: the history of Rock and Roll, the Civil Rights Movement, the Beatles and the Counter-Culture. Foreign Policy issues that will be examined are: the Cold War and the Vietnam War. Satisfies UC/CSU elective requirement for 10th – 12th grades. PREREQUISITE(S): None |
| American Government #H7061 <i>Not repeatable for credit</i> | 12 th Semester 5 Credits | ALL | Students analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state and local governments. This course should be viewed as the culmination of the civic literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities. Satisfies UC/CSU elective requirement for 10th – 12th grades. *Satisfies the graduation requirement. PREREQUISITE(S): None |
| Advanced Placement American Government #H7656 <i>Not repeatable for credit</i> | 12 th Semester 5 Credits | ALL | Advanced Placement Government is designed to give students a critical perspective on politics and government in the United States. It involves both the studies of general concepts used to interpret American politics and the analysis of specific case studies. It requires familiarity with the various institutions, groups, beliefs and ideas that make up the American political reality. Satisfies UC/CSU elective requirement for 10th – 12th grades. *Satisfies the graduation requirement. PREREQUISITE(S): Teacher approval |
| Advanced Placement Human Geography #H8465 – 1st Sem. #H8466 – 2nd Sem. Graded on a 5 point scale <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Satisfies UC/CSU elective requirement for 10th – 12th grades. *Satisfies the graduation requirement. PREREQUISITE(S): Teacher approval |
| Civil Liberties and the Law #H7085 <i>Not repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SSHS | This is an introductory course in Criminal Law with an emphasis upon topics and themes that relate to juveniles. There are primarily four major units: Introduction to the judicial system and crime The police and other law enforcement agencies The criminal case and the court system Prisons and other correctional institutions Additional units, if time allows, include: Juvenile justice Solutions to the crime problems PREREQUISITE(S): None |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|-------------|--|
| Economics #H7082 <i>Not repeatable for credit</i> | 12 th Semester 5 Credits | ALL | Students will master fundamental economic concepts, applying the tools (graphs, statistics, and equations) from other subject areas to the understanding of operations and institutions of economic systems. Basic economic principles of micro- and macroeconomics, international economics, comparative economic systems, measurements and methods will be approached. *Satisfies the graduation requirement. PREREQUISITE(S): None |
| Ethics, Logic, & Critical Thinking #H8202 – 1st Sem. #H8242 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Year 10 Credits | SSHS | This course exposes high school students to Western philosophical thought, focusing on ethics and logical reasoning. Students will learn critical thinking tools that will help identify and evaluate arguments. Moreover, knowledge gained in this course will help students produce good arguments. Students will build their reasoning and critical thinking skills, learn to identify a number of defects, or fallacies of reasoning, and will also learn to identify categories of philosophic thought, rhetorical arguments and to distinguish good from bad arguments. The focus will be on Philosophy of Mind, Philosophy of Science, Philosophy of Politics, Aesthetics and Human Nature. PREREQUISITE(S): A grade of “C” or better in Algebra I and English, and teacher approval. |
| Military History of the Western World #H7657 <i>Not repeatable for credit</i> | 10 th – 12 th Semester 5 Credits | RHS SVHS | A Military History of the Western World will provide a study of warfare over a period of two and a half centuries from 500 B.C. to present or, from the Age of Ancient Greece to modern day. Students will evaluate the cause and effects of war on people and nations, explore military thought, analyze and utilize various strategies and tactics of warfare, appraise the major military leaders of the period and study in detail the decisive battles of the period. Satisfies UC/CSU elective requirement when taken in 11th or 12th grade. PREREQUISITE(S): None |
| General Psychology #H8206 <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | SVHS | Students will better understand themselves and others by learning and applying the psychological principles presented in this semester class. Areas covered include personality theory: Freudian principles, trait and conditioning theories; perception, motivation and emotion, proxemics: body language, lie detection; understanding relationships, and the cognitive domains of learning, thinking, memory, and states of consciousness, including dream analysis and meditation. This course is based on the National High School Psychology Standards. Satisfies UC/CSU elective requirement. PREREQUISITE(S): None |
| Exploring Psychology #H8204 <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | SVHS | Students will better understand themselves and others by learning about and applying the psychological principles presented in this semester class. Topics explored include personality testing, intelligence testing; psychological testing; stress, personality disorders, psychological disorders, criminal psychology, psychology as a profession; and the world of work: school to career personality match. This course is based on the National High School Psychology Standards. Satisfies UC/CSU elective requirement. PREREQUISITE(S): None |
| Psychology #H7074 <i>Not repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | RHS | Students will better understand themselves and others by learning and applying the psychological principles presented in this semester class. Areas covered include personality theory: Freudian principles, trait and conditioning theories; perception, motivation and emotion, proxemics: body language, lie detection; understanding relationships, and the cognitive domains of learning, thinking, memory, and states of consciousness, including dream analysis and meditation. This course is based on the National High School Psychology Framework. Satisfies UC/CSU elective requirement. PREREQUISITE(S): None |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|--------|--|
| Advanced Placement Psychology #H8083 #H8084 Graded on a 5 point scale Not repeatable for credit | 11 th - 12 th Year 10 Credits | ALL | <p>The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students will prepare to do acceptable work on the Advanced Placement Examination in Psychology. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Satisfies UC/CSU elective requirement.</p> <p>PREREQUISITE(S): <i>All students who are willing to accept the challenge of a rigorous academic curriculum should be considered for admission to AP Psychology.</i></p> |
| Sociology #H7090 Not repeatable for credit | 11 th – 12 th Semester 5 Credits | RHS | <p>In this course students are introduced to sociological concepts, theories and procedures. Students should learn how sociologists analyze the basic structures and functions of societies and of groups within societies, discover how these societies become organized, identify the conditions under which they become disorganized, and predict the conditions for their reorganization. Students will gain knowledge of the culture, the relationship between the group and individuals in society, the ways in which societies are organized, and contemporary social issues and problems. Typical study units for this course would include such social issues as crime, poverty, violence in society and family, problem of discrimination toward the aged and minorities. Satisfies UC/CSU elective requirement.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| United States History I/ II #7072 – 1st Sem. #7073 – 2nd Sem. Not repeatable for credit | 11 th Year 10 Credits | ALL | <p>This is a two-semester course in focusing on late 19th and 20th century United States History. It begins with a review period of American History from the nation's beginnings to the year 1877. Starting with the Progressive Era, the class deals next with WWI and its impact on the home front, the Roaring Twenties, the Great Depression, and the New Deal. In addition, the course provides for an analysis of American participation in WWII, and the economic boom in post WWII America, foreign policy after WWII, and the civil rights struggle. An analysis of major social problems and domestic issues of contemporary American Society concludes the course topics. Satisfies graduation requirements.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Advanced Placement United States History #H5499 – 1st Sem. #H5500 – 2nd Sem. Graded on a 5 point scale Not repeatable for credit | 11 th – 12 th Year 10 Credits | ALL | <p>Advanced Placement US History is designed to give students a foundation in the subject matter of US History and in major interpretive questions that derive from the study of the following themes: Colonial History, Revolution, Constitution and New Republic, Jeffersonian Democracy, Jacksonian Democracy, Sectionalism and Territorial Expansion, Creating an American Culture, A Nation Torn by Conflict, Post Civil War, American Imperialism, World War I, Interbellum Period, World War II and Cold War, Modern and Contemporary America. Satisfies UC/CSU requirement. Satisfies graduation requirement.</p> <p>PREREQUISITE(S): <i>*See AP criteria on first page of Social Science listing.</i></p> |
| IB History of the Americas SL #H8491 – 1st Sem. #H8492 – 2nd Sem. Not repeatable for credit | 11 th – 12 th Year 10 Credits | RHS | <p>History is more than the study of the past. It is the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources. It is a discipline that gives people an understanding of themselves and others in relation to the world, both past and present. The Diploma Programme history course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. It also helps students to gain a better understanding of the present through critical reflection upon the past. The course fosters an understanding of major historical events in global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions. Satisfies UC/CSU “a” elective requirements.</p> <p>PREREQUISITE(S): <i>a grade of “B” or higher in their last social studies course or teacher recommendation.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|--|
| IB History of the Americas HL #H8493 – 1st Sem. #H8494 – 2nd Sem. <i>Not repeatable for credit</i> | 12th Year 10 Credits | RHS | History is more than the study of the past. It is the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources. It is a discipline that gives people an understanding of themselves and others in relation to the world, both past and present. The Diploma Programme history course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. It also helps students to gain a better understanding of the present through critical reflection upon the past. The course fosters an understanding of major historical events in global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions. Satisfies UC/CSU “a” elective requirements. PREREQUISITE(S): successful completion of IB History of the Americas SL. |
| World History I/ II #7981 – 1st Sem. #7982 – 2nd Sem. <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | In this course students apply knowledge gained in previous years of study to pursue a deeper understanding of world history. In addition, they draw on their studies of ancient history and middle ages. This course should be viewed as the culmination of the global history in reference to World History and U.S. History. Satisfies UC/CSU requirement. Satisfies graduation requirement. PREREQUISITE(S): None |
| Advanced Placement World History #8045 – 1st Sem. #8046 – 2nd Sem. Graded on a 5 point scale <i>Not repeatable for credit</i> | 10 th – 12 th Year 10 Credits | ALL | AP World History is designed to help students develop greater understanding of evolution of global processes and contacts and interactions between different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The chronological time frame is from 8000 BCE to the present. Satisfies UC/CSU requirement. Satisfies graduation requirement. PREREQUISITE(S): For 10th grade AP World History, recommendation from the previous English teacher. |
| Advanced Placement Macroeconomics #H7749 <i>Not repeatable for credit</i> | 12 th Semester 5 Credits | ALL | AP Macroeconomics is divided into six units. The semester begins with a study of basic economic concepts. Students then study measurements of economic performance including national income and aggregate price levels. Macroeconomic problems of unemployment and inflation are introduced in the second unit and in units three and four the tools our federal government and central bank use to combat them are taught. To better understand unemployment, inflation, and their solutions the course teaches the aggregate demand and aggregate supply model. Unit five includes a study of economic growth, national debt, and the much-debated long-run perspectives on macroeconomic stabilization policies. The course concludes with a study of international economics and world economy. A student may receive college credit upon passing the College Board evaluation. Students may elect to also take the Microeconomics test. Satisfies UC/CSU requirement. Satisfies graduation requirement. PREREQUISITE(S): Teacher approval |

ELECTIVES

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------|---|
| Annual Production Yearbook #H5057 – 1st Sem. #H5058 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>Students participate in yearbook design, layout techniques and writing copy (articles, headlines, captions) in order to produce the school annual. Advanced students may also take part in the design and creation of graphics to be used in the yearbook. Outstanding attendance and the ability to follow through with projects are mandatory (to meet deadlines). Involvement in the annual will require some after or before-school gathering of information from teachers, coaches and students. Assignments may also include the possibility of taking photos.</p> <p>PREREQUISITE(S): <i>Teacher approval and 2.0 GPA.</i></p> |
| Athletic Injury #H7559 – 1st Sem. #H7560 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | RHS SVHS | <p>This course introduces the student to the organization and administration of high school sports training programs. As a student trainer, students enrolled in the program will learn how to prevent and care for common athletic injuries. Adult CPR certification will be issued upon successful completion of the course 1st semester. Field trips to various sports medicine facilities will also be offered.</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Career Exploration/ Driver Education #H7927 <i>Not repeatable for credit</i> | 9 th -12 th Semester 5 Credits | RHS SVHS | <p>The Driver Education portion of this course is designed to teach the knowledge and skills necessary for students to become safe, qualified, defensive drivers. Special emphasis is placed on the all important mental aspects of driving, i.e.: emotions. The Career Exploration portion of this course provides an insight into the many and varied careers available today. The resume, job interview, and employment etiquette will be covered. Students will be given the opportunity to take career interest surveys.</p> <p>Elective Course</p> <p>PREREQUISITE(S): <i>None</i></p> |
| Community Service Program #H8297 – 1st Sem. #H8298 – 2nd Sem. <i>Repeatable for credit</i> | 12 th Semester 5 Credits | ALL | <p>Community Service Program gives students practical art elective credit while providing students with the opportunity to explore community service and demonstrate civic responsibility that is a benefit to the community. Students experience a direct connection between the community service and what is learned at home and in school. Students receive no pay but earn school credit. In addition, students are supervised and evaluated by a community supervisor and students submit completed activity logs as evidence of service provided to the school advisor on designated dates.</p> <p>Students must be ready to make the commitment necessary to participate in the voluntary community service program. In order for students to earn school credits for their voluntary service, the community supervisor must verify that the work was performed in a "satisfactory" manner.</p> <p>PREREQUISITE(S): <i>Teacher or Counselor Approval and a senior with 2.0 overall GPA, 90% attendance, and 6 or fewer period truants.</i></p> |
| Leadership #H5127 – 1st Sem. #H5128 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 10 Credits | ALL | <p>This class deals with the development and application of skills required to operate a government. This group of elected officers and appointed commissioners act as the co-legislative body for the school. Students learn event/activity planning, communication, finances, scheduling and coordination as they participate in personal leadership skill development. This class involves heavy personal responsibility and a workload encompassing many additional hours outside class time.</p> <p>PREREQUISITE(S): <i>Election as a student body or class officer or selection as a commissioner. ASB Director approval and 2.5 GPA.</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|--------|---|
| Renaissance #H8523 - 1st Sem. #H8524 - 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 5 Credits | SVHS | <p>Renaissance provides students with the opportunity to influence and improve school climate. Students create, plan, stage and evaluate a wide variety of activities and programs to promote school spirit and pride. Activities include, but are not limited to: academic recognition programs, all-school rallies, support for all other clubs and organizations on campus, community service projects, staff appreciation projects, etc. Students learn practical life skills of planning, budgeting, interpersonal communication, motivation, public relations, evaluating and networking. Developing, exercising and refining leadership skills and effective teamwork is at the core of Renaissance.</p> <p>PREREQUISITE(S): <i>Teacher approval.</i></p> |
| Library Practice #H7027 – 1st Sem. #H7026 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Semester 5 Credits | ALL | <p>This semester course is open to those students who have been interviewed and recommended by the library media staff. This course offers students an opportunity to gain on-the-job experience working as a library staff member. Library students provide service to teachers and to students, while learning how a library functions and how to conduct library research.</p> <p>PREREQUISITE(S): <i>Librarian's approval</i></p> |
| Office Practice #H7323 – 1st Sem. #H7366 – 2nd Sem. <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>Office Practice provides training in clerical duties in on-campus offices. The student will gain practical experience in performing tasks normally associated with a school, business or government office. Good attendance is mandatory.</p> <p>PREREQUISITE(S): <i>Counselor and/or office personnel's approval</i></p> |
| Peer Tutoring #H7799 – 1st Sem. #H7800 – 2nd Sem. <i>Repeatable for credit</i> | 11 th – 12 th Semester 5 Credits | ALL | <p>This course provides an opportunity for students to work individually or in small groups in a variety of subjects and with peers who have specific instructional needs. Students are assigned to work with a specific teacher. Good attendance, periodic meetings and log sheets detailing learning experiences are required. This course may be used as a Practical Arts requirement.</p> <p>PREREQUISITE(S): <i>Counselor or teacher approval</i></p> |
| SP – Strategic Planning #H5675 – 1st Sem. #H5676 – 2nd Sem. Repeatable for Credit | 9 th – 12 th Year 1 Credit | RHS | <p>SP is a guidance class offered for 40-75 minutes each week. In addition to a common core of topics, students at each grade level have specific activities designed for their particular age and year in school. Common activities: school behavior and rules; Renaissance activities; technology issues; ASB information monthly; career information; school-wide projects and activities related to important issues such as tobacco awareness, conflict resolution, date rape, etc.</p> <p><i>Senior year:</i> Senior project; college information; application procedures; financial aid; preparation for graduation <i>Junior year:</i> Planning for college; goal setting and evaluation; test taking strategies; four-year plan update; preliminary graduation checks; junior class activities. <i>Sophomore year:</i> Study skills units; time management; test-taking strategies; graduation checks. <i>Freshman:</i> Introduction to high school; "road to graduation"; learning styles; COPS; introduction to the Career and College Center (CCC.)</p> <p>PREQUISITE(S): <i>None</i></p> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|--------|---|
| TAP-Troubadour Advisory Program 9th Grade #H5679 – 1st Sem. #H5680 – 2nd Sem. 10th Grade #H5681 – 1st Sem. #H5682 – 2nd Sem. 11th Grade #H5683 – 1st Sem. #H5684 – 2nd Sem. 12th Grade #H5685 – 1st Sem. #H5686 – 2nd Sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 1 Credit | SSHS | <p>TAP is a guidance class offered for 40 minutes each week. In addition to a common core of topics, students at each grade level have specific activities designed for their particular age and year in school. Common activities include school behavior and rules, Renaissance activities, technology issues, ASB information monthly, career information and school-wide projects and activities related to important issues such as tobacco awareness, conflict resolution, etc.</p> <p><i>Senior year</i> TAP class focuses on the Senior Project, college information and application procedure, financial aid and preparation for graduation.</p> <p><i>Junior year</i> TAP class focuses on planning for college, goal setting and evaluation, test-taking strategies, four-year plan updates, preliminary graduation checks and junior class activities.</p> <p><i>Sophomore year</i> TAP class focuses on study skills, time management, test-taking strategies and graduation checks.</p> <p><i>Freshman year</i> TAP class focuses on an introduction to high school and the “road to graduation”, learning styles, career awareness (COPS) and an introduction to the Career and College Center (CCC.)</p> <p>PREREQUISITE(S): None</p> |
| MAP – Freshman Seminar #H8331 Semester <i>Not repeatable for credit</i> | 9 th Semester 5 Credits | SVHS | <p>This comprehensive guidance course will concentrate on personal social development, educational achievement and career and life skills for all students. Throughout this course students will create a ten-year plan, complete a community service project and will play an active role in the school community. Students will build self-awareness, including their likes and dislikes, and as a result will have an opportunity to explore a variety of career pathways as it relates to them. At the end of the project-based curriculum, students will culminate the course with a student-parent showcase.</p> <p>PREREQUISITE(S): None</p> |
| IB Theory of Knowledge #H8477 – 1st Sem. #H8478 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th – 12 th Semester 10 Credits | RHS | <p>This course is taken second semester of the junior year and first semester of the senior year as part of completing an IB diploma. TOK plays a special role in the Diploma Programme by providing an opportunity for students to reflect on the nature of knowledge and on how we know what we claim to know. The fundamental question of TOK is “how do we know that?” Students are encouraged to think about how knowledge is arrived at in different disciplines, what the disciplines have in common and the differences between the disciplinary. TOK therefore both supports and is supported by the study of other DP subjects, as students are required to explore knowledge questions against the backdrop of their experiences in their other DP subjects. Discussion and critical reflection form the backbone of the TOK course, centering around discussions of questions such as:</p> <p>What counts as evidence for X?</p> <p>What makes a good explanation in subject Y?</p> <p>How do we judge which is the best model of Z?</p> <p>How can we be sure of W?</p> <p>What does theory T mean in the real world?</p> <p>How do we know whether it is right to do S?</p> <p>Through discussions of these types of questions students gain greater awareness of their personal and ideological assumptions, as well as developing an appreciation of the diversity and richness of cultural perspectives. The TOK course is assessed through an oral presentation and a 1600 word essay. The TOK presentation assesses the ability of the student to apply TOK thinking to a real-life situation, while the TOK essay takes a more conceptual starting point: for example asking students to discuss the claim that the methodologies used to produce knowledge depend on the use to which that knowledge will be used. TOK is demanding and challenging course, but one which plays a crucial role in effectively preparing students for the complex and rapidly changing world they will encounter both during their DP experience and beyond.</p> <p>Satisfies UC/CSU “g” elective requirements.</p> <p>PREREQUISITE(S): none.</p> |

ELD/SDAIE

ELD (English Language Development) and SDAIE (Specially Designed Academic Instruction in English) are courses designed especially for those students who are English Language Development (ELD) Identified. **Only one year of Sheltered/SDAIE English can be used for college entrance.**

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|---|-------------|---|
| English Language Development #H1081 – 1 st sem. #H1082 – 2 nd sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 20 Credits | RHS SVHS | This course is designed to assist ELD identified students to read, write, spell, speak and develop vocabulary and grammar skills at a beginning and early intermediate level. Students will achieve a mastery of Beginning and Early Intermediate English Language Development Content Standards. 2 Hour Class. PREREQUISITE(S): <i>CELDT test score for placement; ELD teacher approval.</i> |
| English Language Development B #H1085 – 1 st Sem. #H1086 – 2 nd sem. <i>Repeatable for credit</i> | 9 th – 12 th Year 20 Credits | RHS SVHS | This course is designed to assist ELD identified students to read, write, spell, speak and develop vocabulary and grammar skills at an intermediate and early advanced level. Students will achieve a mastery of Intermediate and Early Advanced English Language Development Content Standards. 2 Hour Class. PREREQUISITE(S): <i>CELDT test score for placement; ELD teacher approval.</i> |
| Transitional English – Level I #H1087 – 1 st Sem. #H1088 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | This course is designed to prepare English Language Learners for successful transition to College Preparatory (CP) English courses. It fulfills the graduation requirements for one year of English. PREREQUISITE(S): <i>CELDT scores of “high intermediate”, “early advanced” or “advanced”. Equivalent course preparation or teacher recommendation.</i> |
| Transitional English – Level II #H1089 – 1 st Sem. #H1090 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | This course is designed to prepare English Language Learners for successful transition to College Preparatory (CP) English courses. It fulfills the graduation requirements for one year of English. PREREQUISITE(S): <i>CELDT scores of “early advanced” or “advanced”. Equivalent course preparation or teacher recommendation.</i> |
| SDAIE Biology #H1021 – 1 st Sem. #H1022 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | Especially designed course to assist ELD students to explore in a meaningful way the scientific evidence of interactions in our world. Course focus is on the study of plant and animal life. PREREQUISITE(S): <i>ELD teacher or Counselor approval</i> |
| SDAIE Physical Science #H1023 – 1 st Sem. #H1024 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | Especially designed course to assist ELD students to explore in a meaningful way the scientific evidence of interactions in our world. Course focus is on the study of energy and chemistry. PREREQUISITE(S): <i>ELD teacher or Counselor approval</i> |
| SDAIE Science #H1027 – 1 st Sem. #H1028 – 2 nd Sem. <i>Not repeatable for credit</i> | 9 th – 11 th Year 10 Credits | RHS SVHS | Especially designed course to assist ELD students to explore in a meaningful way the scientific evidence of interactions in our world. Course focus is on the integrated study of biology and chemistry. PREREQUISITE(S): <i>ELD teacher or Counselor approval</i> |
| SDAIE Health Science #H1046 <i>Not repeatable for credit</i> | 9 th – 10 th Semester 5 Credits | RHS SVHS | ELD students will study the physical, mental and social aspects of Health. Course includes the understanding of body function, mental and emotional health, the effects of disease and chemical substances, and will include a unit on family life. PREREQUISITE(S): <i>ELD teacher or Counselor approval</i> |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|--|--|-------------|--|
| SDAIE World History #H1049 – 1st Sem. #H1050 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | ELD students will examine major turning points in the shaping of our world as we know it today. Historical events influencing and affecting the modern world will be included. Satisfies UC/CSU requirements. PREREQUISITE(S): ELD teacher or Counselor approval |
| SDAIE United States History #H1035 – 1st Sem. #H1036 – 2nd Sem. <i>Not repeatable for credit</i> | 11 th Year 10 Credits | RHS SVHS | ELD students will study the development of the traditions and cultural aspects of the United States and will study the historic events that have built the country. Satisfies UC/CSU requirements. PREREQUISITE(S): ELD teacher or Counselor approval |
| SDAIE American Government #H1037 <i>Not repeatable for credit</i> | 12 th Semester 5 Credits | RHS SVHS | A course designed to assist ELD students in examining and understanding political and economic systems, the Constitution and all aspects of the three branches of government. Satisfies UC/CSU requirements. PREREQUISITE(S): ELD teacher or Counselor approval |
| SDAIE Economics #H1038 <i>Not repeatable for credit</i> | 12 th Semester 5 Credits | RHS SVHS | ELD students will study the economic, social and environmental factors that influence products, services and the marketplace. Management of money and making good consumer choices will also be included. Satisfies UC/CSU elective requirement. PREREQUISITE(S): ELD teacher or Counselor approval |
| SDAIE Algebra ABCD I #H8230 – 1st Sem. #H8231 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | Through the study of Algebra, students develop an understanding of the symbolic language of mathematics. This course is designed to provide a longer term entry into the college preparatory math program. It is identical to Algebra I Semester 2, except that the curriculum is spread out over a term of two years, instead of one. The text is identical to that used in Algebra I. The end of the year exam is equivalent to the final exam used at the end of first semester for the yearlong Algebra I course. This course is designed to fulfill one year of the SVUSD math requirement for graduation as well as meet the math entrance requirements for four-year universities at this time. Satisfies UC/CSU requirements. PREREQUISITE(S): Counselor approval and must have been administered the CELDT. |
| SDAIE Algebra ABCD II #H8232 – 1st Sem. #H8233 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 credits | RHS SVHS | Through the study of Algebra, students develop an understanding of the symbolic language of mathematics. This course is designed to provide a longer term entry into the college preparatory math program. It is identical to Algebra I Semester 2, except that the curriculum is spread out over a term of two years, instead of one. The text is identical to that used in Algebra I. The end of the year exam is equivalent to the final exam used at the end of second semester for the yearlong Algebra I course. This course is designed to fulfill one year of the SVUSD math requirement for graduation as well as meet the math entrance requirements for four-year universities at this time. Satisfies UC/CSU requirements. PREREQUISITE(S): Counselor approval, student must have been administered the CELDT, and grade of "C" or better in both semesters of Algebra ABCD I – SDAIE or teacher approval. |

| Course Title Course Number | Grade Length Credit | School | Course Description and Prerequisite(s) |
|---|--|-------------|---|
| SDAIE Geometry I #H8234 – 1st Sem. #H8235 – 2nd Sem. <i>Not repeatable for credit</i> | 9 th – 12 th Year 10 Credits | RHS SVHS | <p>Through the study of Geometry, students will continue to develop an understanding of the symbolic language of mathematics. This course is a formal development of the geometric skills and concepts necessary for students who will take second year Algebra and/or other advanced college preparatory courses. In particular, the instructional program in Geometry should provide for the:</p> <ul style="list-style-type: none"> • Consistent use of algebra throughout the course to reinforce skills and concepts developed in Algebra I • Exploratory development of the formal representation of logical arguments • Application of logical principals to geometric proofs • Use of a full range of problem-solving skills in the development of geometric concepts and skills • Extension of trigonometry to include angles greater than 90 as a precursor to the development of circular function trigonometry in later courses • Implementation of current technology, such as graphing calculators and computer assisted instruction, in the development of the geometric concepts and skills <p>Satisfies UC/CSU requirements.</p> <p><i>PREREQUISITE(S): Counselor approval, student must have been administered the CELDT, and grade of “C” or better in both semesters of Algebra I or grade of “C” or better in both semesters of Algebra ABCD II or teacher approval.</i></p> |



NOTES/QUESTIONS