



**Santa Clara Unified School District**



# **High School Course Catalog**

## **2016-2017**



**Wilcox**



**Santa Clara**



**Wilson**



**New Valley/  
Gateway**

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*The Governing Board of Santa Clara Unified School District is committed to equal opportunity for all individuals. The District prohibits discrimination, harassment, intimidation, and bullying based on actual or perceived ancestry, age, color, disability, gender, gender identity, gender expression, nationality, race or ethnicity, religion, sex, sexual orientation or association with a person or a group with one or more of these perceived or actual characteristics. The Board shall promote programs which ensure that discriminatory practices are eliminated in all acts related to school activity or school attendance within a school under the jurisdiction of the superintendent of the school district.*

*The District requires that school personnel take immediate steps to intervene when it is safe to do so and when he or she witnesses an act of discrimination, harassment, intimidation, or bullying.*

# Superintendent's Letter



SANTA  
CLARA  
UNIFIED  
SCHOOL  
DISTRICT

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1889 Lawrence Rd.

Santa Clara, CA

95051

(408) 423 - 2000

STANLEY ROSE III, Ed. D.

SUPERINTENDENT

Dear Parents:

The Santa Clara Unified School District is proud to provide you with the 2016-2017 high school course catalog. The catalog is designed to help you and your son or daughter plan his or her preferred future and provide a guide for your family's discussions about your child's education. High school counselors, administrators and teachers are available to provide answers to questions that may not appear in the catalog.

Goals of the school district include assisting every student in achieving academic success and providing every option possible for students who graduate from our schools. Academic choices made in high school may have lifelong effects, since the path taken early in life can alter the journey for years to come. The combined efforts of the students, their families and school personnel are necessary for the attainment of these goals, and being well informed about choices is an indispensable first step.

Again, please do not hesitate to rely upon the expertise and experience of school personnel with any questions that you might have or clarifications that you might seek.

Sincerely,

A handwritten signature in blue ink that reads "Stanley Rose III, Ed. D." The signature is fluid and cursive.

Stanley Rose III, Ed. D.

Superintendent

*"The mission of Santa Clara Unified School District is to prepare students of all ages and abilities to succeed in an ever-changing world."*



# Introduction

The courses described in this catalog are approved by the Santa Clara Unified School District Board of Education to be taught in the 2016-2017 school year. Each course will list the school at which it is offered if it isn't offered at all schools.

**First**, review the requirements for graduation.

**Second**, study the course descriptions that interest you to decide if you are eligible to enroll. Each course is listed under the department(s) in which it is offered.

Course content is based on the State Common Core and Content Area Standards. We suggest that you speak to the teacher who ordinarily teaches the class if you are interested in knowing more about the content.

Each spring, counselors will meet with 8<sup>th</sup> grade students at the middle schools to help them choose classes. Also, in the spring, counselors will meet with 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grader students to plan their schedules for the next school year. Students will be held to these choices.

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# SANTA CLARA HIGH SCHOOL

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Established in 1872, Santa Clara High School was originally located in the downtown area near the Santa Clara University campus. In 1981, it moved to its present location, a 32-acre campus on Benton Street with grades 10-12. The ninth grade was added in the fall of 1987. Presently a traditional 9-12 institution, it serves students from Santa Clara, Sunnyvale, and San Jose.

Santa Clara High School has a widespread and significant sense of school pride in athletics, music, co-curricular activities and academics. As seen through our Diversity Week and monthly celebrations such as Black History month, our student body embraces a wide variety of cultural and ethnic backgrounds. Our ASB (Associated Student Body) is student driven and meets regularly with their advisor and the other leadership groups. They formulate activities to empower students and provide students the opportunity to take ownership in our school. Our strong curricular program contains Advanced Placement offerings, innovative Career Tech options, and supportive interventions in both Mathematics and English. We pride ourselves in noteworthy intellectually motivating field trips such as the annual whale watching trip, SLI (STEM Leadership Institute) program and the Fab Lab which is accessible to all students, and a hands-on computer animation tour of DreamWorks studios. To further celebrate academics, we have instituted the Renaissance system that rewards positive student behavior and excellence in academics. Our athletic program is very competitive and has achieved many CCS titles over the years. Our band competes and wins in multiple competitions throughout the year. Our drama program produces multiple plays and/or musicals each year.

The parents, community, and alumni provide outstanding support to the school and its students. Parental involvement is one of the strong points of the Santa Clara High School community with many active parent and community organizations: Santa Clara High School Sports Boosters, PTSA, School Site Council, Site English Learner Advisory Committee, Grad Night Planning Committee, and the Music Boosters. We also benefit from a relationship with local businesses, which allows us to provide students with a variety of opportunities including: Junior Achievement speakers and workshops, Job Shadow programs, and college and career presentations organized through the College and Career Center. Corporations and local Universities offer mentors and tutors respectively.

"Hail, Santa Clara High, Long be thy reign. Glory and honor, To thee we proclaim. True to thee we will be, Proud, thy banner fly. Hail, Alma Mater, Santa Clara High!"

**<http://santaclara.schoolloop.com/>**



# WILCOX HIGH SCHOOL



Wilcox opened in September of 1961 with freshmen and sophomores, graduating its first class in June 1964. The school is located on a 33-acre campus two blocks east of Lawrence Expressway and is surrounded by private homes and apartments. Wilcox serves students from Santa Clara, Sunnyvale, and San Jose (Alviso and North First Street area).

Wilcox High School has a rich tradition of excellence in various areas including academics, athletics, career technical education as well as creative and performing arts. Wilcox High School has a comprehensive curriculum which includes basic instruction programs as well as programs designed for the college bound, vocational-technology, special education and English language development. Students can take Advanced Placement classes in fifteen different course titles. On-site classes in Retail Sales, Hospitality Management and a variety of career preparation programs for at-risk students are also offered. The CHAMPS program at Wilcox High School develops students' skills in the arena of culinary arts as well as hospitality management. This program operates an on-campus cafe and wins many awards at competitions. Students at Wilcox High School are active in the community through a wide variety of clubs and organizations. Our leadership class organized a toy drive for the Alviso community that provides two Christmas presents for the 500+ students at George Mayne Elementary. Our theater department holds various productions that range from Shakespeare standards to student written one acts. Our athletic program is one of the premier programs in the Santa Clara Valley. Wilcox High School is a perennial powerhouse in many sports as we boast our share of CCS titles.

Wilcox High School has several opportunities for parent and community involvement. We have an active PTSA, Band Boosters, School Site Council, Grad Night Committee, English Learner Advisory Committee and our Dads, Grads and Moms organization supports our academic and athletic programs. Students and parents have the chance to gain quality information regarding college entrance and scholarships available through College Information Nights. In addition to our local community ties, Wilcox High School students have the opportunity to engage in international activities as we have relationships and exchanges with groups from Ireland and Japan. Our students benefit from our close relationships with local colleges and universities as they are active members in our school community.

"All hail our alma mater, all hail, hail to thee. Our voices raise to sing thy praise, long may thy glory be. Thy banner ever over us will guide eternally. May we worthy ever be...All hail Wilcox to thee"

<http://wilcox.schoolloop.com/>

# NEW VALLEY/GATEWAY HIGH SCHOOL

New Valley/Gateway High School provides a path to academic recovery and a High School Diploma

## Typical Students may be:

- Behind in credits
- Working full or part time
- Desire to graduate
- Desire to succeed
- Benefit from smaller class sizes and relationships with teachers

## Supportive Staff

- Experience working with diverse student needs
- Understands different learning styles
- Gets to know every student individually
- Personal Advisor to assist in planning and achievement
- Small classes mean personal attention by teachers
- Administrators who have open door policies

## Personalized Education

### Class Size

A place dedicated to individual learning, smaller class sizes, teachers who understand and want to be involved in alternative education.

### School Size

Student Population is about 175 students

### Support Staff

Counseling is available for any student for a number of issues and concerns:

- General (Bill Wilson, Dist. intern)
- Academic
- Drug and Alcohol
- Gang Involvement (CYO)

### Advising

Every teacher is also an advisor to a small group of students. Academic, general guidance and counseling are all made personal and individual.

### Life After High School

- Career Technical Education
- Community Colleges
- Independent Colleges and Career Institutions
- Post Graduate planning with advisors, academic counselors and K-16 Bridge Curriculum

## Academic Recovery



### Homework Policy

Students may earn additional hours for credit by doing homework. Students are encouraged to “match” productive hours earned from each class by completing homework.



### Class Credit

When students attend a class for a full period and are productive during the class, they will receive one hour of credit.

15 productive periods = 1 credit

75 productive periods = 5 credits



### “ACE” Testing

With 10 perfect days of attendance you can take tests for classes you did not pass before. This is a benefit/privilege reserved for those students who have demonstrated good attendance, punctuality, and productivity.



### “SEM” Testing

These tests are for seniors with 135 credits in the fall, or 165 in the Spring. Students can earn up to 50 Credits for passing senior level challenging tests.



### AVENTA

Credit recovery opportunities through online course offerings. Students can recover credit through passing online courses.



### S.V.C.T.E.

A part time New Valley schedule with afternoons in career training can earn you an extra 5 credits per semester as well as job training.

For more information please visit our website <http://nvhs-scusd-ca.schoolloop.com/>



# WILSON HIGH SCHOOL

Wilson Alternative High School offers flexible scheduling and individual attention for the student desiring to earn a traditional high school diploma.

## Student Diversity

Wilson students include those who are:

- Academically oriented and desire to accelerate and have time for college classes.
- Obligated to family responsibilities and need a flexible schedule.
- Credit deficient and want to "catch up" to return to a comprehensive school.

## Independent Study

The student is responsible to complete most of their school work independently outside classroom time. This requires motivation and good study skills. Teachers are available during school hours to help students in all subjects.

## Specific Programs for Specific Needs

- **Minors** is for students ages 14-20 and is the most popular program.
- **Young Parents Center (YPC)** is a daily program for the pregnant and parenting teen and provides academic and practical classes and free child care.
- \* YPC is a fully accredited high school diploma program with a curriculum including core academic classes, computer classes, parent education, vocational education, Journalism yearbook project, preparation for High School Exit Exams and much more.
- \* YPC students complete the **same course curriculum and requirements** as the comprehensive schools in the district as listed in this High School Course Catalog.
- \* Pregnant and parenting minors shall voluntarily enroll in an alternative program and shall receive educational programs, activities, and courses equal to the regular program per SCUSD Board Policies and Administrative Regulations 5275 and 5276.

## Individual Learning Plan

Based on a student's particular needs they will:

- Confer regularly with their teacher.
- Participate in Small Classes.
- Attend Academic Labs.
- Gain credits and School to Career experience through programs such as SVCTE, ROP, and High Tech Academy.
- Prepare for post graduation success through college and career planning.

## Academic Excellence

Wilson High School has:

- Full accreditation by the Western Association of Schools and Colleges.
- Curriculum aligned with state and district standards.
- All state mandated testing.
- Highly qualified and dedicated teachers.
- A regular high school diploma presented at a traditional cap and gown graduation.

## Welcoming, Supportive Staff

All of us at Wilson are here to help you earn your high school diploma!

Referral to Wilson High School is through the counselor at the school of residence.

For more information, please visit our website at [wilsonhighschool.org](http://wilsonhighschool.org) or call us at 423-3600.

# MIDDLE COLLEGE @ MISSION



## What is Middle College?

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- The Middle College Program empowers students by giving them choices and providing them an adult, scholarly environment.
- Students attend 3 periods of high school classes daily on the college campus and then attend 3 college classes of their choice.
- Middle College offers students a serious learning environment where they take control of their own education, complete high school graduation requirements, and begin accumulating college credits.

## Who is a Middle College student?

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- A student who expresses a sincere interest in completing high school and continuing on to college or another form of higher education.
- The student is prepared to attend classes on a daily basis.
- A student who may have low test scores but achieve higher grades.
- The student may be creative, artistic, and individualist.
- The student desires a change in his/her current high school environment.
- A student enrolled, or eligible to enroll, in the Santa Clara Unified School District.
- A student who is ready for a second chance in high school.

## Middle College Student Responsibilities

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- Develop an educational plan for the next four years of education.
- Fulfill all requirements for high school graduation.
- Complete high school English, Social Studies and one high school elective per semester with a C or better with the Middle College teachers and students.
- Complete Mission College classes.
- Access Mission College's support system.
- Maintain excellent attendance in both the high school and college classes.
- Follow a modified calendar that accommodates Mission College schedules and the 180 days required by Santa Clara Unified School District.

## How to apply?

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Applying to the program means complete the on-line application at

<http://www.missioncollege.org/middleCollege/index.html>

and be prepared to provide two teacher's E-mail addresses for the coordinators to send electronic recommendations for application to the program. Personal interviews will be scheduled on-line. Invitation to the program will be issued no later than the end of April.

If you are interested in the program, please contact one of the two teachers:

Jennifer Lang-Jolliff at [jljolliff@scusd.net](mailto:jljolliff@scusd.net) or 408-855-5533,

Sara Smith at [ssmith@scusd.net](mailto:ssmith@scusd.net) or 408-855-5532.

# Santa Clara Unified School District

Subject Requirements	High School Graduation Requirements	University Admission Requirements
English	40	40
Mathematics (Must complete Algebra 1)	20	30 (40 recommended)
Social Science	30	World History - 10 US History - 10
Science	20	20 (30 recommended)
World Language	10	20 (30 of the same language recommended)
Physical Education (Includes Health requirement)	25	
Visual/Performing Arts and Practical Arts	15 (at least 5 units from each)	10 Visual/Performing Arts
Electives (Any classes taken above the required amount)	70	
Other Requirements	20 Hours Community Service	
Approved College Prep Electives		10 Selected from above areas
Subject Credits	230 Credits	

# Career & College Resource Center

## What is the Career and College Resource Center?

The Career and College Resource Center is the source of information on career planning, vocational trades, technical schools, colleges, and scholarships. Information on work permits and work programs is also available.

The Center provides students with many opportunities to develop and explore occupational and educational goals. Here students will find information about colleges, scholarships, and the college application process. Individualized research on careers and classroom projects can be

conducted through the Center. Work permits are issued in the center as well as listings for part-time job openings in the community. Students can also find out information about programs offered through Silicon Valley Career Technical Education (SVCTE). Every student is encouraged to visit the Career & College Resource Center before school, during lunch, and after school. Parents are also welcome to use the facility.

## How do students find out what information is in the center?

- Morning announcements
- Class tours during the year
- Bulletins posted in classrooms
- Word of mouth
- Senior Bulletin
- Call slips
- PTSA newsletter
- School Loop website
- School Loop e-mails
- Dropping in

## What information and services are available?

- College/University catalogs: a library of catalogs from community colleges, UCs, CSUs, and private institutions are available for student and parent use. Students can research colleges/universities to learn more about campus environments, programs, majors and services
- College/University representative visits: meet with representatives to learn what their college offers
- College applications, brochures, view books, videos, reference guides, and CDs
- College View and Career View
- Outside speakers from business, industry, public/private career training programs, and military recruiters come to the center to give presentations
- Work permits for students under the age of 18
- Job postings and job market information
- Vocational information and Vocational Biographies
- A career informational library of videos, books and brochures may be checked out
- SAT, ACT, PSAT, AP study guides are available for student use and may be checked out
- Career Fair and Job Fair information
- Military information from all branches
- Silicon Valley Career Technical Education (SVCTE) programs - information and enrollment in the SVCTE
- Retail Sales - earn credits while you work
- Field Trips to community colleges, SVCTE and businesses are scheduled during the year
- Special interest inventory tests to determine what your interests might be for possible career choices
- Internet access available
- College Application and Financial Aid workshops

## CAREER & COLLEGE RESOURCE CENTER

### Monday - Friday

Santa Clara High School - 408-423-2616, Room B-110

Wilcox High School - 408-423-2445, Room B-113

New Valley High School — 408-423-2322





# Counseling and Guidance

## Introduction

The counselors are available throughout the school day to help with schedules, grades and credits earned. You are welcome to discuss these and any other items with your counselor by making an appointment with the counseling secretary.

District procedures are in place to ensure Equal Education Opportunity for all students so that differing counseling materials for students are not used on the basis of sex, nor are students treated differently based on sex (SCUSD Board Policy and Administrative Regulation 5100).

## The High School Years

Registration, orientation and program adjustments occur during the early stages of each high school year. At grades 9 and 10, the student's educational career plans are reviewed in individual conferences or in small groups with counselors. In the junior year, students are prepared for college testing or learn about vocational opportunities and requirements. As seniors, students are individually counseled to update their graduation status.

## The Freshman Year

During the first year of high school, students make the transition from middle school and continue exploring career options.

9<sup>th</sup> graders:

- Revisit their Four Year Academic Plan
- set the foundation for current and future academic success

## The Sophomore Year

In the second year of high school, students and their parents focus on education and career plans.

10<sup>th</sup> graders:

- update their Four Year Academic Plan
- take PSAT in October

## The Junior Year

Now with their career plan in progress, students are heading towards a career or college pathway after graduation.

11<sup>th</sup> graders:

- update their Four Year Plan Academic Plan
- receive an update of their educational career plan and graduation status
- take PSAT in October
- participate in CAASPP testing in April and May
- participate in college testing (SAT/ACT) when required for attending a 4-year college or university

## The Senior Year

The knowledge and experience gained throughout the high school years now enable the student to refine plans and get ready for action.

12<sup>th</sup> graders:

- discuss graduation status and related plans with their counselor
- participate in college testing when required
- learn of financial assistance for college / technical schools
- receive letters of academic status as needed
- learn of vocational opportunities and the current job market
- gather letters of recommendation for college entrance for scholarships or for employment

## Notes

PSAT = Preliminary Scholastic Aptitude Test

SAT = Scholastic Aptitude Test — Reasoning Test & Subject Tests

ACT = American College Test

CAASPP = California Assessment of Student Performance and Progress

**Naviance** = Santa Clara Unified School District is proud to be offering Family Connection, a college and career readiness tool. This website will provide an abundance of resources and links to help our students navigate through high school and plan for the future. These resources include college and career searches, financial aid, SAT/ ACT registration information, and college applications – just to name a few. Students will also be assigned tasks to complete that will aid them in making a quality plan for their future. See your student's counselor for more information.

# Suggested Curriculum

	University of California Bound	California State University Bound	Community College/ Career Pathway
Freshman Year	<ul style="list-style-type: none"> <li>• 9th Grade English Honors or 9th Grade English</li> <li>• Algebra 1 or higher</li> <li>• Biology</li> <li>• World Language 1 or higher</li> <li>• Physical Education</li> <li>• Visual or Performing Art</li> </ul>	<ul style="list-style-type: none"> <li>• 9th Grade English</li> <li>• Algebra 1 or higher</li> <li>• Earth Science 1 or Biology</li> <li>• World Language 1 or higher</li> <li>• Physical Education</li> <li>• Visual or Performing Art</li> </ul>	<ul style="list-style-type: none"> <li>• 9th Grade English</li> <li>• Algebra 1 or higher</li> <li>• Earth Science 1 or Biology</li> <li>• Physical Education</li> <li>• Elective: Fine or Practical Art</li> <li>• CTE Elective</li> </ul>
Sophomore Year	<ul style="list-style-type: none"> <li>• 10th Grade English Honors or 10th Grade English</li> <li>• AP European History or World History</li> <li>• Geometry or higher</li> <li>• Chemistry Hon. or Chemistry</li> <li>• World Language 2 or higher</li> <li>• Physical Education</li> </ul>	<ul style="list-style-type: none"> <li>• 10th Grade English</li> <li>• World History</li> <li>• Algebra 1 or higher</li> <li>• Biology or higher</li> <li>• World Language 1 or higher</li> <li>• Physical Education</li> </ul>	<ul style="list-style-type: none"> <li>• 10th Grade English</li> <li>• World History</li> <li>• Algebra 1 or higher</li> <li>• Biology or higher</li> <li>• Physical Education</li> <li>• Elective: Fine or Practical Art</li> <li>• CTE Elective</li> </ul>
Junior Year	<ul style="list-style-type: none"> <li>• AP English Language or 11th Grade English</li> <li>• AP US History or US History</li> <li>• Algebra 2 or higher</li> <li>• Physics or AP Biology</li> <li>• World Language 3 or higher</li> <li>• Physical Education/Health</li> </ul>	<ul style="list-style-type: none"> <li>• 11th Grade English</li> <li>• US History</li> <li>• Geometry or higher</li> <li>• Biology or higher</li> <li>• World Language 2 or higher</li> <li>• Physical Education/Health</li> </ul>	<ul style="list-style-type: none"> <li>• 11th Grade English</li> <li>• US History</li> <li>• Geometry or higher</li> <li>• Biology or higher</li> <li>• Physical Education/Health</li> <li>• CTE Elective or SVCTE</li> </ul>
Senior Year	<ul style="list-style-type: none"> <li>• AP English Literature or 2 Senior English Elective</li> <li>• AP Civics or Civics</li> <li>• AP Economics or Economics</li> <li>• Trigonometry or AP Statistics or higher</li> <li>• Human Physiology or Physics or AP Biology</li> <li>• AP World Language or World Language 4</li> </ul>	<ul style="list-style-type: none"> <li>• Senior English Elective(s)</li> <li>• Civics</li> <li>• Economics</li> <li>• Algebra 2 or higher</li> <li>• Chemistry or higher</li> <li>• Elective or World Language 3</li> </ul>	<ul style="list-style-type: none"> <li>• Senior English Elective(s)</li> <li>• Civics</li> <li>• Economics</li> <li>• Elective, SVCTE</li> <li>• CTE Elective</li> <li>• Elective</li> </ul>



## Graduation Requirements

English	□□□□□□□□	Mathematics	□□□□
World History	□□	Algebra 1 Req.	□
US History	□□	Physical Education	□□□□□
Civics/Econ	□□	Visual and Performing Arts	□□
Science	□□□□	Practical Arts	□□
World Language	□□	Electives	□□□□□□□□□□□□

Name

Last

First

Middle

Class of

Student ID #

Health Mandate

Exit Exam (Eng/LA)

Tech Literacy

Exit Exam (Math)

Semester	Freshman (9th)	GR	Sophomore (10th)	GR	Junior (11th)	GR	Senior (12th)	GR	CR
Fall	English 9		English 10		English 11		Senior English Elective		
			World History		United States History		Economics		
	Math		Math		Physical Education				
	Science		Science						
	Physical Education		Physical Education						
	Art or World Language		World Language						
Spring	English 9		English 10		English 11		Senior English Elective		
			World History		United States History		Civics		
	Math		Math		Health				
	Science		Science						
	Physical Education		Physical Education						
	Art or World Language		World Language						
Supplemental Courses (Summer School, Adult Ed.)									
Credits	Ideal Credit Total = 60		Ideal Credit Total = 120		Ideal Credit Total = 180		Ideal Credit Total = 230		

# SCUSD High School Transcript

**Reading your transcript:** Your high school transcript is a complete record of your coursework in preparation for graduation, college acceptance and career entry. Here are some explanations of how to read the information on this document.

Middle school courses may be listed but no credits will appear. Only high school credits count toward graduation.

The block of information below is a list by grade & semester of your coursework, grade and credits attempted and completed. If you took graduation requirement courses in middle school such as a foreign language, algebra or higher, or tech literacy you will also see those courses listed on your high school transcript.

Course Title	Mark	Att/Cmp	Crs-ID	Course Title	Mark	Att/Cmp	Crs-ID	Course Title	Mark	Att/Cmp
Grade 8 First Semester			p r 202005	Geometry	F	5.00 0.00	Grade 12 First Semester			
SCUSD Middle			p 301025	World History	B-	5.00 5.00	SCUSD High			
p 201101	Algebra 1	B 0.00 0.00	p 403005	Biology	C-	5.00 5.00	p 104545	Col Expo Writ	F	5.00 0.00
Credit and GPA rules vary for MS Courses			p 504105	German 1	B+	5.00 5.00	p 302545	Civics	F	5.00 0.00
Grade 8 Second Semester			* 725000	PE	A+	2.50 2.50	769005	Electives	F	5.00 0.00
SCUSD Middle			* 725000	PE	A+	2.50 2.50				
p 201101	Algebra 1	B+ 0.00 0.00	Credit Att: 25.00 Cmp: 25.00 AGPA: 2.7500							
Credit and GPA rules vary for MS Courses			Grade 11 First Semester			+ BIO011 Human Biology C 14.00 14.00				
Grade 8 Summer Session 2			SCUSD High			Credit Att: 29.00 Cmp: 14.00 AGPA: 1.4483				
SCUSD Middle			p 100035	English 11	C+	5.00 5.00	Grade 12 Second Semester			
p 201101	Algebra 1	B- 0.00 0.00	p 202005	Geometry	B	5.00 5.00	SCUSD High			
713210	Tech Literacy	A 0.00 0.00	p 302035	US History	B	5.00 5.00	p 104205	Contempo Lit	C-	5.00 5.00
Credit and GPA rules vary for MS Courses			p 304005	Psychology	B	5.00 5.00	p 303005	Economics	B	5.00 5.00
Grade 9 First Semester			p 403405	Biotech 1 & 2	A-	5.00 5.00	p 304005	Psychology	C	5.00 5.00
SCUSD High			p 504205	German 2	A-	5.00 5.00	p 670105	Photography	B-	5.00 5.00
p 100515	English 9 H	A 5.00 5.00	Credit Att: 30.00 Cmp: 30.00 AGPA: 3.1667			* 775505	TA Cllsrm	P	2.50 2.50	
p 102715	Theatre 1	A 5.00 5.00	Grade 11 Second Semester							
p 202005	Geometry	B+ 5.00 5.00	SCUSD High			p 302545	Civics	C+	5.00 5.00	
p 403005	Biology	A+ 5.00 5.00	p 100035	English 11	B-	5.00 5.00				
p 500105	Spanish 1	A 5.00 5.00	p 202005	Geometry	B-	5.00 5.00				
* 725010	PE Core 9	A 2.50 2.50	p 302035	US History	B-	5.00 5.00				
* 725010	PE Core 9	A+ 2.50 2.50	p 403405	Biotech 1 & 2	A-	5.00 5.00				
* 725500	PE Sports Q	A 2.50 2.50	p 504205	German 2	A-	5.00 5.00				
* 725500	PE Sports Q	A 2.50 2.50	* 725000	PE	B+	2.50 2.50				
Credit Att: 35.00 Cmp: 35.00 AGPA: 3.8000			* 742100	PE Health	B+	2.50 2.50				
Grade 9 Second Semester			Credit Att: 30.00 Cmp: 30.00 AGPA: 3.4000							
SCUSD High			Grade 12 First Semester							
p 100515	English 9 H	A+ 5.00 5.00	SCUSD High			p 105945	CSU ERWC	B-	5.00 5.00	
p 102715	Theatre 1	A- 5.00 5.00	p 201405	Algebra 2	C	5.00 5.00	p 302545	Civics	C	5.00 5.00
p 202005	Geometry	B- 5.00 5.00	p 404005	Biotech 3 & 4	A-	5.00 5.00	p 504305	German 3	A-	5.00 5.00
p 403005	Biology	A 5.00 5.00								
p 500105	Spanish 1	B 5.00 5.00								
* 725000	PE	A+ 2.50 2.50								

Course Tags: \* = Non Academic + = Honors (weighted) p = College Prep r = Repeated

Each course is listed by semester with the grade and the amount of credits attempted and completed

These course tags are important:

\* = Non Academic including courses like a PE course or a Teacher's Assistant

+ = Honors are courses like English Honors which give you an extra bump on your GPA

p = College Prep which are all of the courses that are A-G approved meaning that colleges acknowledge that these prepare you for college entry

r = this course has been repeated. If a course is repeated for a better grade, both are still on your transcript but readers know to look for the repeated attempt and grade



# SCUSD High School Transcript

## Reading your transcript (continued)

At the bottom of your transcript, you will see summary information such as the example below. Important graduation information can be found here. Your grade point average, or GPA is calculated, class rank, special grad requirements like community service and a summary of your credits can be found here. In order for a copy of your transcript to be official, it must be signed by the principal or other school official such as a counselor.

Three different GPAs are calculated. Your academic GPA for all courses EXCEPT for non-academic courses, your 10-12 academic GPA which some colleges use for entry and your total GPA, meaning all courses that you have taken for a grade,

All three GPAs are calculated both weighted and non-weighted. If you have taken an honors or college level course such as AP, you get more points in your GPA, which is called "weighted"

Class rank is listed and colleges will ask for this on your applications.



Weighted Non-Wgtd			Date	Event	Hours	CREDIT SUMMARY			
Acad GPA (9-12)	2.8788	2.8788	04/12	Community Service		Subject Area	Credit Req'd	Compl	Needed
Acad GPA (10-12)	3.0000	3.0000				English	40.00	35.00	5.00
Total GPA (9-12)	3.0000	3.0000				Mathematics	20.00	20.00	-
Credit Attempted: 210.00						World History	10.00	10.00	-
Credit Completed: 210.00						US History	10.00	10.00	-
Class Size: 459						Civics	5.00	5.00	-
Class Rank: 431	10-12 Rank: 230					Economics	5.00	-	5.00
Ranked by Weighted Total GPA						Science	20.00	20.00	-
District Enter: 9/1/2020						Foreign Language	10.00	10.00	-
School Enter: 8/15/2031						Fine Arts	5.00	-	5.00
CAHSEE						Practical Arts	5.00	5.00	-
ELA: Passed						Fine/Practical Arts	5.00	5.00	-
Math: Passed						PE and Health	25.00	25.00	-
Class of 2035						Elective	70.00	65.00	5.00
						* TOTALS *	230.00	210.00	20.00
						Algebra 1 Requirement Met			

Community Service is a graduation requirement and hours will be listed here upon completion.

This transcript is unofficial unless signed by a school official.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This box is a summary of all of your credits that are required to graduate, the credits you have completed and those that you still need to graduate. This can help you plan your courses that you still need.

# Testing Program

## ► HIGH SCHOOL TESTING ◀

### Standardized Testing and Results

The **California Assessment of Student Performance and Progress (CAASPP)** assists teachers, administrators, and pupils and their parents by promoting high-quality teaching and learning through the use of a variety of assessment approaches and item types in the subject areas of English Language Arts and Mathematics. The CAASPP assessments are aligned with the Common Core State Standards.

ELA and Math are assessed in grades 3-8 and 11 each Spring using the online Smarter Balanced Assessments (SBA). The SBA consists of a computer adaptive test (CAT) and a performance task in each subject area (ELA & Math).

The **California Alternative Assessment (CAA)** is the successor to California Alternative Performance Assessment (CAPA) - an assessment administered individually to students with severe cognitive disabilities, designed to measure student progress toward achieving appropriate stand-

ards.. The CAA is administered annually in grades 3-8 and 11..

**CST Science Assessments**—The grade-level CST, CAPA, and CMA science assessments will continue to be administered in grades five, eight, and ten until new tests aligned with the Next Generation Science Standards, adopted in September 2013, are implemented.

**Early Assessment of Readiness for College English and Math**—The 11th grade CAASPP/SBA replaces the Early Assessment Program (EAP) tests. The CAASPP will help students determine if they are ready for college level Reading or Mathematics, and if not, what they can do during 12th grade to ensure they will be prepared for their next level of education.

**Website:** <http://www.cde.ca.gov/ta/tg/>

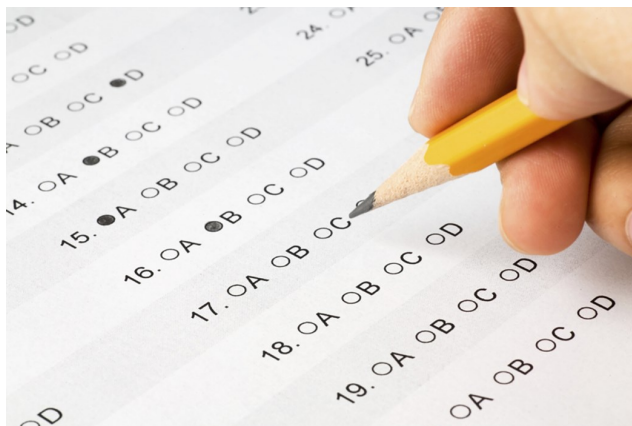
### Proficiency Exam

A student can earn the legal equivalent of a high school diploma by proving proficiency in basic skills through the California High School Proficiency Examination (CHSPE). Passing CHSPE does not exempt a student from attending school, unless the student is 16 or over and has verified parental permission to leave early. Many students who pass CHSPE continue to attend high school.

You may sign up for CHSPE if you are:

- enrolled in the second semester of tenth grade, **or**
- have completed at least one academic year of the tenth grade, **or**
- are age 16 or older.

There is no limit to the number of times you may take CHSPE. Registration forms are available at most high schools and in most public libraries.





# Testing Program

## ► COLLEGE TESTING ◀

### American College Test (ACT)

The American College Test is designed to measure classroom achievement in four broad content areas, as well as the ability to reason, and the application of problem solving skills. The test takes approximately three hours and covers English usage (punctuation, grammar, sentence structure, diction and style, and logic and organization), mathematics (arithmetic and algebraic operations and reasoning, geometry, intermediate algebra, number concepts, trigonometry, etc.) and natural science (biology, chemistry, physics, physical science). The score is based on the number of correct answers given with **no** penalty for wrong guesses. Students receive separate scores for English, natural sciences, mathematics, reading, as well as a composite score.

The scores from this test are sent to the high school for distribution to the students and the colleges they request. Most colleges and universities nationwide accept this test. The ACT is accepted by the University of California and the California State Universities in place of the SAT to meet admission requirements, and is required by certain colleges, especially those in the Mid-west. ACT scores can be used in place of EAP/SBA to determine readiness for college at the CSUs. The ACT gives sub scores in English, mathematics, reading, and science reasoning.

- Applications are available at your high school
- Check to see if you qualify for a fee waiver
- All test days are Saturdays
- ACT does not allow standby registration
- ACT results are sent to your high school and institutions you designate

Website: [www.act.org](http://www.act.org)

### TOEFL (Test of English as a World Language)

TOEFL is given for the purpose of determining the English proficiency of people whose native language is not English. Many colleges include TOEFL as an admissions requirement for students who have not completed at least three years of high school in an English speaking country.

If you cannot get bulletins or registration forms, write:  
TOEFL Testing Services  
P.O. Box 6151  
Princeton, NJ 08541-6151  
Or call (609) 771-7100

Website: [www.toefl.org](http://www.toefl.org)

### Early Assessment of Readiness for College English and Math

The Early Assessment Program (EAP) tests are now embedded in the Smarter Balanced Assessment (SBA) for 11th grade in both ELA and math.

The EAP assessment helps students determine whether they need additional preparation to meet college-level English and math requirements. Students have their entire senior year to polish their skills before entering college.

The California State University, CSU, has made it a priority to work with teachers to develop courses to ensure that students are prepared for college.

Website: <http://www.calstate.edu/eap/>



# Testing Program

## PSAT / NMSQT

### Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test

This is a Preliminary Scholastic Aptitude Test (PSAT) used to evaluate student's skills developed over years of study in a wide range of courses as well as their experiences outside the classroom. The NMSQT is not a separate test. It does not appear on transcripts and is not sent to colleges. It is the PSAT score that finds the top 2% of the nation's juniors,

who then have the opportunity to become finalists and receive scholarship awards.

Test Dates: Website—[www.collegeboard.com](http://www.collegeboard.com)

## SAT Reasoning Test

The SAT Reasoning Test is the most widely used and most rigorously researched college admissions test in history. Virtually every college in the United States accepts the SAT as a measure of the critical thinking skills you need for academic success in college.

The SAT Reasoning Test™ is a three-hour-and-45-minute test that measures critical reading, mathematical reasoning, and writing skills that students have developed over time

and that they need to be successful in college. The new SAT is better aligned with current curriculum and institutional practices in high school and college. By including a third measure of skills, writing, the SAT reinforces the importance of writing throughout a student's education and will help colleges make better admissions and placement decisions.

Test Dates: Website—[www.collegeboard.com](http://www.collegeboard.com)

## SAT Subject Tests

The SAT Subject Tests, which some colleges require for admissions or placement purposes, are one-hour multiple choice tests in specific subject areas. The language tests assess listening and reading. Unlike the SAT Reasoning Test, which measures more general abilities, SAT Subject Tests measure your knowledge of a particular subject and your ability to apply that knowledge. Because of this, you should try to take an SAT Subject Test as soon as possible after you complete your last course in a specific subject.

Most SAT Subject Tests are given on seven set dates, but some are only offered once or twice a year. Check the registration calendar for specific information. Some colleges require a specific combination of SAT Subject Tests, and some allow students to choose their own. Check requirements of the colleges you are interested in before deciding which tests to take. The SAT score can now be used in place of EAP/SBA to determine readiness for college level CSU courses in math and ELA.

SAT Subject Tests are offered in:

<b>English</b>	Literature
<b>History</b>	United States History World History
<b>Mathematics</b>	Level 1 Level 2
<b>Science</b>	Biology E/M (Ecological/Molecular) Chemistry Physics

### Languages: Reading Only

French	Spanish
German	Latin
Modern Hebrew	Italian

### Languages with Listening

French	Spanish
German	Chinese
Japanese	Korean

Website: [www.collegeboard.com](http://www.collegeboard.com)



# Testing Program

## ► PLACEMENT TESTS ◀

### Advanced Placement Tests

The Advanced Placement (AP) Program is a program of college level courses and exams for secondary school students. Over 90 percent of colleges give credit and/or advanced placement to students who score in the upper range of the test.

The examination is scored on a five-point scale: 5 (extremely well qualified) to 1 (no recommendation). An AP Grade Report is sent in early July to each student's home address, school, and, if the student requested, to his or her college.

AP Tests are given in May.

For additional information and the dates for specific tests, please visit the website:

[www.collegeboard.com/ap/students](http://www.collegeboard.com/ap/students)



### California State University English Placement Test (EPT) & Entry Level Mathematics Test (ELM)

The EPT and ELM are required of all new students, unless the student has demonstrated proficiency on tests such as the CAASPP/SBA, the SAT, ACT, or AP tests.

Achieving "Standard Exceeded" on the 11th grades CAASPP/SPA for ELA, a SAT I critical reading score of 500 or higher or an ACT Verbal score of 22 or higher exempts you from the EPT.

Achieving "Standard Exceeded" on the 11th grade CAASPP/SBA for math, a SAT I Math score of 550 or higher or an ACT Math score 23 or higher exempts you from the ELM. Check with your counselor for more exemptions. You may schedule the test(s) at any CSU campus.

Website: <http://www.ets.org/csu/about>

### University of California Analytical Writing Placement Examination (AWPE)

UC undergraduates must demonstrate proficiency in writing. One method is to achieve a composite score of 8 or higher on the Analytical Writing Placement Examination - AWPE - (formerly Subject A) Examination. In May, you **must** take the exam if you plan to enroll in Fall, unless you

meet the requirements by scoring a 3 or higher on the AP English test, or 30 or higher on the ACT Combined English/ Writing Test, or 680 or higher on the SAT Reasoning test, or completing an appropriate course at a community college.

# College Admission Requirements

## ► INDEPENDENT COLLEGES AND UNIVERSITIES ◀

### Overview

Hundreds of independent (privately supported) colleges and universities around the country offer a wide range of programs and choices. California currently has about 75 independent colleges and universities.

### The Variety

Independent colleges and universities come in a variety of shapes and sizes: major research universities, comprehensive universities, small liberal arts colleges, church denominational universities, specialized schools and colleges for the arts or technology and even universities for full-time workers.

### The Costs

Since independent colleges and universities do not receive money from the state, their “sticker price” is higher than public colleges and universities. However, many students (70% in California) receive aid to cover most, if not all of their costs.

When you consider costs, think about the consequences of spending more than four years in college. Costs for an additional year include not only tuition and fees, but also “lost income” as a result of not being able to start a career. Private colleges and universities encourage students to finish on time.

### The Search for the Right School

First decide what you are looking for and then begin checking the individual campus.

Tips:

- Go to the California Independent colleges website at: <http://www.aiccu.edu/>
- When you take the PSAT test, be sure to check YES for Student Service Search
- Talk with people, especially students from your high school, who attended a college you are considering. Ask them what made it special. How did they pay for the expenses? Did it get them where they wanted to go and on time?



Stanford University

### How to Apply

Application procedures vary at different colleges.

Below are some guidelines:

- Write application(s) early in your senior year
- You can apply to *Early Decision* which is usually due during the spring of your junior year or the fall of senior year
- Check deadlines carefully
- Transcripts required
- Most require admissions tests (SAT or ACT)
- Most require a letter of recommendation
- Many of them require personal essays
- Some require personal interviews

### How do colleges make decisions?

While some independent colleges and universities are in the most competitive category, others are looking for graduates in the top half of their class or who have a special talent within themselves. Independents often take a closer look at candidates by going beyond the numbers (GPA, test scores) and by requiring essays, recommendations, and personal interviews.

### Key Factors

Courses: A strong college preparatory program

Grades: A good GPA in challenging courses

Examination: The required SAT or ACT tests

Other Factors: Letter of recommendation, personal essay, leadership, community service, involvement in clubs, alumni, athletics, special interests, hobbies, music, art, yearbook, journalism, etc.

### When do you find out?

Early Decision: An Early Decision is initiated by a student, who is then notified of the college's decision earlier than usual—generally by January. This process is for applicants who are sure about their chosen college and are likely to be accepted by that college.




April Notification: Highly selective colleges usually notify a candidate in mid-April and ask for a reply in early May.

Rolling Admissions: Students are notified usually about two weeks after the application is received.

# College Admission Requirements

## ▶ **CALIFORNIA'S PUBLIC COLLEGES AND UNIVERSITIES** ◀

California has a three-tiered system of state-financed universities and colleges. Following is an explanation of what many experts consider the nation's best public higher education network.

University of California (UC)	California State University (CSU)	Community Colleges (CC)
Generally accept the <b>top 9%</b> of high school students statewide	Generally accept the <b>top 33%</b> of high school students statewide	Accepts <b>100%</b> of high school students statewide
<b>Background:</b> The UC system combines the education of undergraduates with a strong emphasis on graduate programs and world-class research in the sciences and humanities.	<b>Background:</b> The CSU system emphasizes undergraduate education, leading to bachelor's, master's, and a limited number of doctor's degree	<b>Background:</b> Colleges offer a wide range of academic and vocational programs leading to an occupational certificate, a two-year associate of arts degree, or a transfer program.
Over <b>222,000</b> students	Over <b>437,000</b> students	Over <b>2.4 million</b> students
<b>10</b> campuses	<b>23</b> campuses	<b>109</b> campuses
<b>Costs:</b> Approximately \$13,200 in fees and tuition. An additional \$18,500 for room, board, books, and transportation.  Approximately <b>\$30,000/year</b>	<b>Costs:</b> Between \$5,963-\$8,043 in fees and tuition. An additional \$15,000 for room, board, books, and transportation.  Approximately <b>\$22,000/year</b>	<b>Costs:</b> A unit or credit costs \$46 plus \$3,500 for books, fees and transportation. This does not include any living expenses.  Approximately <b>\$4,190/year</b>
<b>Entrance Requirements:</b> A high school senior must be in the top nine percent academically statewide and have completed 15 prescribed high school courses. Must take the ACT Plus Writing or SAT Reasoning Test.	<b>Entrance Requirements:</b> A high school senior must be in the top third academically statewide and must have taken 15 required courses. Students should take SAT or ACT tests.	<b>Entrance Requirements:</b> These colleges are open to all California residents, including those without a high school diploma. A California resident may attend a community college anywhere in the state.
<u><b>Campus Locations</b></u> Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, Santa Cruz. San Francisco specializes in upper division and graduate health sciences.	<u><b>Campus Locations</b></u> Bakersfield, Channel Islands, Chico, Dominguez Hills, Fresno, Fullerton, East Bay, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Luis Obispo, San Marcos, Sonoma, Stanislaus	<u><b>Campus Locations</b></u>  55 of the campuses are in Southern California  54 of the campuses are in Central and Northern California
		
UC Santa Cruz	San Jose State	Mission College

# College Admission Requirements

## UNIVERSITY OF CALIFORNIA (UC) CHECKLIST

### Introduction

To be eligible for UC as a freshman, a student must meet subject, scholarship and examination requirements. Use this checklist and the accompanying

pages to determine your eligibility and to prepare for admission to UC.

### Obtain and Complete All Application Materials

#### October

Access the online application at [www.universityofcalifornia.edu/apply](http://www.universityofcalifornia.edu/apply).

#### November

Complete the application online at [www.universityofcalifornia.edu/apply](http://www.universityofcalifornia.edu/apply).

Be sure to submit your application during the filing period. November 1 – November 30.

#### December

Complete your admission testing (SAT I, SAT Subject Tests, ACT). Have the testing company send your test scores directly to each campus to which you have applied.

#### March – May

Receive a notice of acceptance or denial from the University of California campuses that you have applied to.

### Eligibility in Statewide Context

#### Subject Requirements

Complete 15 units of high school coursework listed in the “a-g” requirements. At least 7 of the 15 units must be taken in the last two years of high school. One unit equals an academic year or two semesters, of study. **Review your grades each semester.**

#### Determining Grade Point Average (GPA)

**Scholarship Requirement:** The Scholarship Requirements defines the GPA you must attain in the “a-g” subjects and the SAT (or ACT) and SAT subject test scores you must earn to be eligible for admission. If your GPA is 2.8 or above and you achieve the test score total indicated in the Eligibility Index you satisfy the minimum Scholarship Requirement. Refer to [www.universityofcalifornia.edu/](http://www.universityofcalifornia.edu/) and check your calculations with your counselor.

**Use grades from the “a-g” subject requirements:** Your GPA is calculated by assigning point values to the grades you earn, totaling the total points, and dividing the total by the number of “a-g” course units.

A = 4 points      B = 3 points  
C = 2 points      D = 1 point F = 0 points

Only the grades you earn in the “a-g” subjects in the 10th, 11th, and 12th grades are used to calculate your GPA. 9th grade courses can be used to meet the Subject Requirement if you earn a grade of C or better, but not used to calculate GPA.

**Using Honors Courses to Complete your GPA:** UC assigns extra points for up to four units of University-certified honors level and advanced placement courses taken in the last three years of high school. No more than two years of UC-approved courses taken in the 10th grade may be given extra points. Grades will be counted as follows:

A = 5 points      B = 4 points  
C = 3 points      D = will not be given an extra point

Courses must be in the following “a-g” subjects: History, English, Advance Mathematics, Laboratory Science and World Language. They must be certified as honors course by the University. In these fields, as well as computer science, social science, and visual and performing arts, acceptable honors-level courses are designed to prepare students for an Advanced Placement Examination of the College Board or a Higher Level of Examination of the International Baccalaureate. College courses that are transferable to UC are acceptable honors level courses.

#### Examination Requirement

Take either the SAT I (Reasoning Test) or the ACT With Writing. The verbal and mathematics scores on the SAT I must be from the same sitting. The ACT composite score must be submitted. SAT II (Subject Tests) are not required. Students may submit scores to showcase subject mastery. Some majors on some campuses may recommend certain tests to demonstrate subject proficiency.

### Eligibility in Local Context

The top nine percent (9%) of students at each participating California high school are designated UC-Eligible and guaranteed admission to at least one of the UC campuses (not necessarily their first choice). By the end of the junior year, students must complete 11 specific units for Subject requirement:

1—History/Social Science	2—English
2—Mathematics	1—Laboratory Science
1—World Language	4—College-Prep Electives

### Eligibility by Examination Alone

If you do not meet the requirements for Eligibility in the Statewide Context or Eligibility in the Local Context, you may be able to qualify for admission by examination. To qualify, students must take the ACT With Writing or the SAT Reasoning Test as well as two SAT Subject Tests. Certain scores are

needed to satisfy the minimum requirements of eligibility by examination alone. Visit <http://admission.universityofcalifornia.edu/counselors/freshman> for specific score requirements.

### Note on Eligibility

Achieving eligibility does not guarantee admission to a particular campus. Increasingly, the applicant pool for most UC campuses and some majors far exceeds the number of spaces available for entering freshmen. Higher stand-

ards are used to evaluate applicants for selection. Since selection criteria can change, check with your counselor or with a campus that interest you.



# ➔ College Admission Requirements

## UC/CSU Subject Requirements

### **A. History/Social Science (2 years required)**

Two years of history/social science, including one year of U.S. history or one-half year of U.S. history *and* one-half year of civics or American government; and one year of world history, cultures and geography.

### **B. English (4 years required)**

Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature. Not more than two semesters of ninth grade English can be used to meet this requirement.

### **C. Mathematics (3 years required; 4 years recommended)**

Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades that your high school accepts as equivalent to its own math courses.

### **D. Laboratory Science (2 years required; 3 recommended)**

Two years of laboratory science providing fundamental knowledge in at least two of the three disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry and physics. Laboratory courses in earth sciences are acceptable if they have as prerequisites or provide basic knowledge in biology, chemistry or physics. The appropriate 2 years of an approved integrated science program may be used to fulfill this requirement. Not more than one year of 9th grade laboratory science can be used.

### **E. World Language (2 years required; 3 recommended)**

Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading and composition. Courses in language other than English taken in the seventh and eighth grade may be used to fulfill part of this requirement if your high school accepts them as equivalent to its own courses.

### **F. Visual and Performing Arts (1 year required)**

One year of visual and performing arts chosen from the following: dance, drama/theater, music and/or visual art.

### **G. College Preparatory Electives (1 year required)**

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



### **Are you eligible for UC?**

To be eligible to attend the University of California, you must:

- Complete a specific set of 15 college-prep courses (known as the "a-g" courses) with at least a 3.0 GPA
- Take either the new SAT Reasoning Test **OR** the ACT with its writing exam **AND** 2 SAT Subject Tests in two different subject areas (e.g. science and literature)

The grade you earn in your "a-g" courses, along with your test scores, are combined in the Eligibility index, which helps determine your UC eligibility.

To find out whether you are eligible, use the calculator at [www.universityofcalifornia.edu/admissions/scholarshipreq](http://www.universityofcalifornia.edu/admissions/scholarshipreq)

# College Admission Requirements

## ► CALIFORNIA STATE UNIVERSITY (CSU) CHECKLIST ◀

### Obtain and Complete All Application Materials

#### October

Access the application at [www.csumentor.edu](http://www.csumentor.edu) and begin filling it out.

#### November to May

Take the English Placement Test (EPT) and Entry Level Mathematics Test (ELM).

#### October to November

Complete and submit the application online at [www.csumentor.edu](http://www.csumentor.edu) between October 1 and November 30.

#### February to May

Receive a notice of acceptance or denial from the California State Universities you've applied to.

### Check CSU Admission Requirements

Ask your counselor for a list of courses approved as college preparatory for CSUs. To establish eligibility for admission as a first-time freshman, an applicant is required to:

- 1) Be a high school graduate (diploma, satisfactory GED score or California high school equivalency certificate)
- 2) Have completed, with a grade of C or better:
  - a) the required 15 units colleges preparatory course pattern **OR**
  - b) the required 15 or more units within the college preparatory course pattern, but allowing one unit (one year) in visual performing art (VPA) or World language (FL)

to be missing. The missing unit of VPA or FL must be satisfied by the end of the first year of CSU enrollment. Courses used to satisfy the missing unit cannot be used to fulfill any CSU system baccalaureate requirement.

- 3) Have a qualified eligibility index of GPA and SAT / ACT scores

**Note:** Certain campuses and impacted majors require additional subject requirements, higher test scores and higher GPAs.

### Determining Your CSU Grade Point Average (GPA)

Multiply each semester grade of courses taken in the 10th, 11th, or 12th grade except physical education and military science (ROTC). Summer school courses count; even those taken between grades 9 and 10 may be used. Repeated courses—use the highest-earned grade.

**Honor** courses taken in grades 11 and 12 (maximum of 8 courses) receive additional grade points for GPA calculations. One additional point is earned for each grade of A, B, or C received in an honors course.

# of A's	_____	x 4	=	_____
# of B's	_____	x 3	=	_____
# of C's	_____	x 2	=	_____
# of D's	_____	x 1	=	_____
# of Honors Course(s) with A	_____	x 5	=	_____
# of Honors Course(s) with B	_____	x 4	=	_____
# of Honors Course(s) with C	_____	x 3	=	_____
TOTAL Grades Earned	_____	TOTAL Points		_____

To determine your CSU GPA: Divide "TOTAL Points" by "TOTAL Grades" = \_\_\_\_\_ CSU GPA

Eligibility is based upon grades from grade 10-12. Provisional admission may be made on the basis of grades 10 and 11. This calculation assumes all classes have the same number of credits. Your school may be different.

If you have questions regarding UC or CSU college admission requirements, please contact the Intersegmental Relations Office at 916-323-6398.



# College Admission Requirements

## Take Required Tests

Take the SAT I (Reasoning Test) or ACT if your GPA is below 3.0, certain impacted programs required SAT I and ACT from all applicants.

Take the TOEFL examination if you have not attended at least three years of school at high school level or beyond where English is the principal language of instruction.

## CSU Subject Requirements

### English: 4 years

College preparatory English

### Mathematics: 3 years

Algebra, geometry, intermediate algebra

### US History and Social Science: 2 years

1 year US History OR 1/2 year US History and 1/2 year Civics/American Government; and 1 year Social Science

### Visual and Performing Arts: 1 year

Art, dance, drama/theater, or music

### Laboratory Science: 2 years

Biology, Chemistry, Physics or acceptable lab science; must include 1 biological and 1 physical science

### World Language: 2 years

2 years in the same World language can be waived for applicants demonstrating equivalent competence

### Electives: 1 year

Any of the subject areas listed above

## Check GPA Eligibility Index

Eligibility Index is based on combination of GPA and test scores.

- If GPA is below, you are not eligible for regular admission.
- If GPA is from 2.00 to 2.99, check Eligibility Index to determine what test score you must achieve.

If GPA is 3.00 or above, test scores will not be a factor in the admission unless you applied for an impacted program at certain CSUs.

GPA	ACT	SAT	GPA	ACT	SAT	GPA	ACT	SAT	GPA	ACT	SAT	GPA	ACT	SAT	GPA	ACT	SAT
3.00	ANY	ANY	2.83	13	640	2.66	17	780	2.49	20	910	2.32	23	1060	2.15	27	1180
2.99	10	510	2.82	13	650	2.65	17	780	2.48	20	920	2.31	24	1060	2.14	27	1190
2.98	10	520	2.81	14	660	2.64	17	790	2.47	20	930	2.30	24	1070	2.13	27	1200
2.97	10	530	2.80	14	660	2.63	17	800	2.46	21	940	2.29	24	1080	2.12	27	1210
2.96	11	540	2.79	14	670	2.62	17	810	2.45	21	940	2.28	24	1090	2.11	28	1220
2.95	11	540	2.78	14	680	2.61	18	820	2.44	21	950	2.27	24	1100	2.10	28	1220
2.94	11	550	2.77	14	690	2.60	18	820	2.43	21	960	2.26	25	1100	2.09	28	1230
2.93	11	560	2.76	15	700	2.59	18	830	2.42	21	970	2.25	25	1110	2.08	28	1240
2.92	11	570	2.75	15	700	2.58	18	840	2.41	22	980	2.24	25	1120	2.07	28	1250
2.91	12	580	2.74	15	710	2.57	18	850	2.40	22	980	2.23	25	1120	2.06	29	1260
2.90	12	580	2.73	15	720	2.56	19	860	2.39	22	990	2.22	25	1130	2.05	29	1270
2.89	12	590	2.72	15	730	2.55	19	860	2.38	22	1000	2.21	26	1140	2.04	29	1270
2.88	12	600	2.71	16	740	2.54	19	870	2.37	22	1010	2.20	26	1140	2.03	29	1280
2.87	12	610	2.70	16	740	2.53	19	880	2.36	23	1020	2.19	26	1150	2.02	29	1290
2.86	13	620	2.69	16	750	2.52	19	890	2.35	23	1030	2.18	26	1160	2.01	30	1300
2.85	13	620	2.68	16	760	2.51	20	900	2.34	23	1040	2.17	26	1170	2.00	30	1300
2.84	13	630	2.67	16	770	2.50	20	900	2.33	23	1050	2.16	27	1180			

# College Admission Requirements

## ► CALIFORNIA COMMUNITY COLLEGES ◀

### A Great Choice If You Want to ...

- Save Money
- Transfer to a college or university
- Learn job skills to enter the job market
- Explore various subject areas while you are deciding on a major or career field
- Begin your college career close to home

### Save Money

The current fee is \$46 per unit. For example, a Calculus 1 class will be 5 units, so the cost will be \$230. Additional expenses include books, registration, parking and health fees.



### Admission Requirements (any one of these)

- High School graduation
- 18 years or older
- High school students “concurrently enrolled”
- Special admissions—high school equivalent via the CHSPE or GED tests

Applications are available from the college admissions offices or the Career Center. There is no application fee. You will have to take the English and Math Placement tests prior to enrollment if planning to complete an associate’s degree or transfer to a university.

### Transfer Programs

Community colleges offer a full range of lower division general education courses for university-bound students. While in high school, students can prepare for their university/college choice by taking courses similar to those required by their university/college choice. At a community college, counselors can help you plan your program to

make sure that your courses are transferable. **Many community colleges offer written transfer guarantees to specific college and have priority admission to UC.** With careful planning, students can enter their university or college choice at the junior (third) level.

### Occupational Programs

Career and Technical Programs provide students with entry-level and advanced job skills that can lead to well-paying jobs. Programs range in length from one semester to two

years. Students who successfully complete these programs earn a Certificate of Achievement and may apply their credits to an associate degree.

### Concurrent Enrollment Program for High School Students

Eligible high school students may enroll in courses at the community college and earn college credit! Generally, students must complete their sophomore year with a minimum overall GPA of 2.0. Students may enroll in a maximum of two colleges per semester provided that they maintain a minimum attendance in high school. Students

applying for the program must complete the special Advance Placement Form, in advance of the semester of intended enrollment (e.g., in May for the Fall Semester). Enrollment in subject to approval by the high school counselor or principal.

### Services for Every Student

Campuses have a variety of services to assist students in achieving their educational and career goals: career centers,

academic advising, disabled student services, honor programs, learning/tutorial centers, and scholarships.



# Resources

## NCAA Clearinghouse

### [www.ncaa.org](http://www.ncaa.org)

Check the Academic & Athletics/Eligibility & Recruiting section for information. Students who plan to participate in interscholastic sports in college must be aware of the NCAA Clearinghouse and its requirements and regulations. All students must comply with the NCAA qualifications to be eligible to participate regardless of their admissibility to a college or university. There are specific requirements that include definite courses and SAT test

scores. All students must meet NCAA Clearinghouse deadlines, which are separate and independent of college deadlines.

It is absolutely essential that prospective college athletes and parents discuss these requirements with high school counselors to select the proper high school courses, take appropriate tests, and adhere to application deadlines. The student's high school counselor is knowledgeable and must be consulted as early as the freshman year.

## The Internet

The internet works in one of two ways:

1. Provide information about yourself regarding colleges and then get a list of colleges matching your requests;  
or
2. Access information on specific colleges and then determine whether they meet your needs. Remember: some resources are free, some cost money, and some aren't what they seem to be.

### College Search sites

[www.usnews.com/usnews/edu/eduhome.htm](http://www.usnews.com/usnews/edu/eduhome.htm)

US News on Education—shows rankings of colleges throughout the United States

[www.nacacnet.org](http://www.nacacnet.org)

National Association for College Admission Counseling—professionals helping students decide for college

[www.californiacolleges.edu](http://www.californiacolleges.edu)

California Colleges—provides many resources and overviews of California Colleges

[nces.ed.gov](http://nces.ed.gov)

National Center for Education Statistics—collects and analyze educational data

[www.collegeboard.com](http://www.collegeboard.com)

College Board—provides resources on SATs, AP Exams, and college resources

These websites provide many resources and overviews of many different colleges

[www.collegequest.com](http://www.collegequest.com) (or [www.petersons.com](http://www.petersons.com))

[www.princetonreview.com](http://www.princetonreview.com)

[www.collegeview.com](http://www.collegeview.com)

### Scholarship Search sites

[www.fastweb.com](http://www.fastweb.com)

Fastweb—Well-known scholarship search engine

[www.scholarships.com](http://www.scholarships.com)

Scholarships.com—many scholarships offered

### Financial Aid Search sites

<http://studentaid.ed.gov>

Federal Student Aid—provides resources on opportunities from the Federal government for Financial Aid

[www.fafsa.ed.gov](http://www.fafsa.ed.gov)

Free Application for Federal Student Aid—Always the first step to receiving financial from the government

### Other sites

[www.uctv.tv](http://www.uctv.tv)

University of California Television—see for yourself of what UC's all about

[www.missioncollege.org/distlearn/index.html](http://www.missioncollege.org/distlearn/index.html)

Online courses allow the student to take an instructor led course at home via an Internet connection with minimal time spent on campus.

[www.cde.ca.gov/ci/ct/](http://www.cde.ca.gov/ci/ct/)

CDE site where pupils can learn more about CTE (Career Technical Education)

<http://www.undergradzone.com>

This site offers a free College prep checklist and free test prep.

# Weighted Grades

The Board of Education for the Santa Clara Unified School District has approved the weighting of grades. All classes that are Honors or Advanced Placement and all community college classes will be worth an additional 1.0 grade point for any grade “C” or higher on our SCUSD transcript.

The following grade scale will be used for the Honors, Advanced Placement and community college courses:

A= 5.0  
B= 4.0  
C= 3.0  
D= 1.0  
F= 0.0

Board Policy/Administrative Regulations 5121: Grades/Evaluation of Student Achievement

The following courses have been approved for the extra grade points within Santa Clara Unified School District:

- AP European History
- AP United States History
- AP U.S. Government and Politics
- AP Macroeconomics
- AP Human Geography
- AP Psychology
- English 9 Honors
- English 10 Honors
- British Literature Honors
- AP English Language
- AP English Literature
- Geometry Honors
- Algebra 2 Honors
- Trig/Precalculus Honors
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- Chemistry Honors
- Human Physiology Honors
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics 2
- Spanish 3 Honors
- AP Spanish Language & Culture
- AP Spanish Literature & Culture
- AP French Language & Culture
- AP Japanese Language & Culture
- AP Studio Art
- AP Computer Science
- AP Computer Science Principles
- AP Studio Art 3D
- AP Studio Art 2D

# Honors and AP Course Admissions Policies

## English

Students with a C or better, or with teacher recommendation, are invited to submit a response to a specific prompt. Prompts are available from English teachers.

## World Language

Students must pass with a "C" or better in previous courses. Teacher recommendations are encouraged.

## Math

### Honors Geometry

Prereq: B or better in Algebra 1 or teacher recommendation.

### Algebra 2 Honors

Prereq: B or better in Geometry Honors, A in Geometry, or teacher recommendation.

### Trigonometry/Pre-Calculus & Trigonometry/Pre-Calculus Honors

Prereq: B or better in Algebra II Honors or an A in Algebra II, and a teacher recommendation.

### AP Calculus AB

Prereq: B or better in Trig/Pre-Calc Honors, A in Trig/Pre-Calc or teacher recommendation.

### AP Calculus BC

Prereq: B or better in Trig/Pre-Calc Honors (summer work required), C or better in AP Calc AB, or teacher recommendation.

### AP Statistics

Prereq: B or better in Algebra 2, C or better in Algebra 2 Honors or teacher recommendation.

## Science

### Honors Chemistry

Prereq: Completion of both semesters of Geometry with a C or better and both semesters of Biology with an A. Have taken or concurrently taking Algebra 2.

### Honors Human Physiology

Prereq: Completion of both semesters of Biology, Chemistry and Algebra 1 with a C or better.

### AP Biology

Prereq: Completion of both semesters of Biology and Chemistry with a B or better and science teacher recommendation; see AP requirements.

### AP Chemistry

Prereq: Completion of both semesters of Honors Chemistry with a C or better and science teacher recommendation; see AP requirements.

### AP Physics 1

Prereq: Completion of both semesters of Trigonometry with a C or better and science teacher recommendation; see AP requirements.

### AP Physics 2

AP Physics 1 or a comparable course, Precalculus (previously or concurrently)

### AP Environmental Science

Prereq: 2 years of lab science (1 physical, 1 life), Algebra

## Social Science

### AP European History

Prereq: Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 9th grade English teachers, or social science teachers.

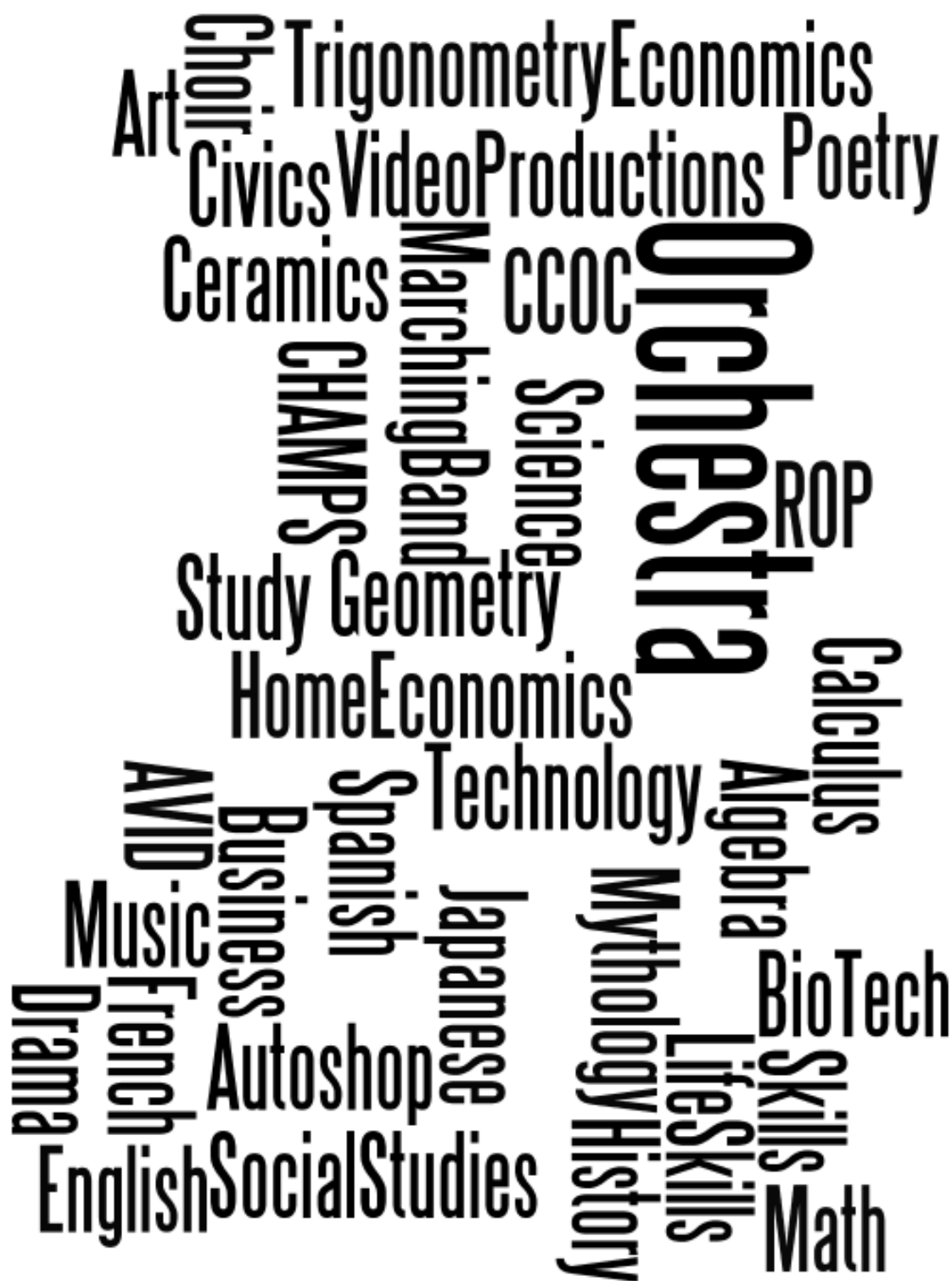
### AP US History

Prereq: Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 10th grade English teachers, or social science teachers.

### AP US Gov't & Politics/AP Economics

Prereq: Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 11th grade English teachers, or social science teachers.

# Courses





# English

## GRADE LEVEL LITERATURE

Selections may include:

### 9th grade English

*Of Mice and Men*

*Romeo and Juliet*

*The House on Mango Street*

### 10th grade English

*Antigone*

*Night*

*To Kill a Mockingbird*

### 11th grade English

*The Crucible*

*The Great Gatsby*

*The Things They Carried*

### 12th grade English

Authors including:

Camus, Homer, Shakespeare,

Tennessee Williams

## English 9

100015

**Grade 9, Year (UC-B)**

**Prerequisite:** none

**Offered at:** Gateway, New Valley, Santa Clara, Wilcox, Wilson

English 9 is a challenging and rewarding course. Journals, essays, reflections, creative and timed writings will help students become stronger writers. In this year-long course students will read a variety of texts with themes including: coming of age, hero's journey, search for identity, and role of community. Students will develop their ability to analyze and interpret texts. Students will also learn the features of paragraphs and essays. Final products include: literary analysis, narrative, and expository essays. By practicing and participating, students will grow as writers, readers, and thinkers.

## Honors English 9

100515

**Grade 9, Year (UC-B)**

**Prerequisite:** Students with a C or better, or with teacher recommendation, are invited to submit a response to a specific prompt. Prompts are available from English teachers.

**Offered at:** Santa Clara, Wilcox

English 9 Honors is an accelerated one-year program which is the foundation for the sequentially designed Honors/AP English Program. A typical student will analyze and interpret a variety of texts including novels, short stories, poetry, non-fiction, and drama. Students will focus on writing as a process especially in the area of literary analysis. Students will be asked to work independently and collaboratively on student-centered, creative long-term projects. Students will read texts in addition to what is required for English 9 on themes including: coming of age, search for identity, and hero's journey.

## SDAIE 9 English

155015

**Grade 9, Year (UC-B)**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

English 9 is a challenging and rewarding course. Journals, essays, reflections, creative and timed writings will help students become stronger writers. In this year-long course students will read a variety of texts with themes including: coming of age, hero's journey, search for identity, and role of community. Students will develop their ability to analyze and interpret texts. Students will also learn the features of paragraphs and essays. Final products include: literary analysis, narrative, and expository essays. By practicing and participating, students will grow as writers, readers, and thinkers. This course uses special methods and teaching strategies appropriate for students who are still acquiring English.

## English 10

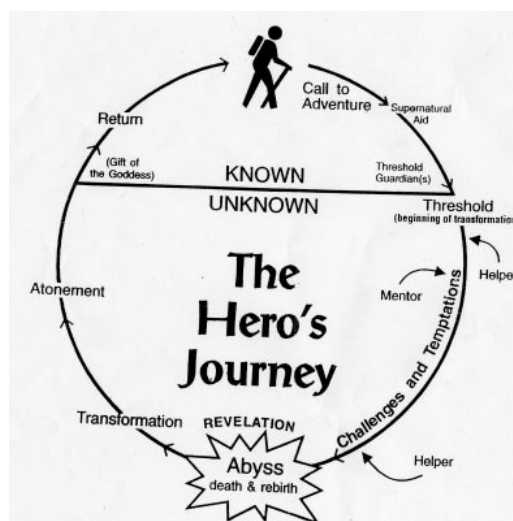
100025

**Grade 10, Year (UC-B)**

**Prerequisite:** none

**Offered at:** Gateway, New Valley, Santa Clara, Wilcox, Wilson

In English 10 students will continue to develop skills in composition and literature. Through classic and contemporary literature, students will examine the relationship between the individual and society. Students will refine their ability to analyze and make meaning of novels, short stories, poetry, and nonfiction. Students will also refine their writing skills through literary analysis and expository essays. Student participation in this course is essential as it will enhance critical thinking skills. Themes may include social justice, pursuit of justice and human dignity, and use and abuse of power.





# English

## Honors English 10

100525

### Grade 10, Year (UC-B)

**Prerequisite:** Students with a C or better, or with teacher recommendation, are invited to submit a response to a specific prompt. Prompts are available from English teachers.

**Offered at:** Santa Clara, Wilcox

This is an accelerated, one-year program that aims to refine students' analysis and interpretation skills using a variety of texts including classic and contemporary novels, short stories, poetry, drama, and non-fiction. Students are expected to share their unique perspectives and talents through creative and analytical writing, answering essential questions, as well as through oral presentations and student created long term projects, in order to create a challenging and dynamic learning environment. This course is the second year of a sequentially designed Honors Program although students may enter the course who were not enrolled in Honors English 9. There is a strong focus on writing as a process, especially in the area of

## SDAIE 10 English

155025

### Grade 10, Year (UC-B)

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

In English 10 students will continue to develop skills in composition and literature. Through classic and contemporary literature, students will examine the relationship between the individual and society. Students will refine their ability to analyze and make meaning of novels, short stories, poetry, and nonfiction. Students will also refine their writing skills through literary analysis and expository essays. Student participation in this course is essential as it will enhance critical thinking skills. Themes may include social justice, pursuit of justice and human dignity, and use and abuse of power. This course uses special methods and teaching strategies appropriate for students who are still acquiring English.



## World Studies

305005

### Grade 10, Year (UC-B) and (UC-A)

**Prerequisite:** none

**Offered at:** Santa Clara

*World Studies fulfills the requirements for English 10 and World History*

World Studies integrates the study of literature and history in thematic units. This combination provides a context for deeper understanding of the interconnectedness between literature and history. Students will learn about topics including revolutions, imperialism, and the World Wars through the study of social, economic, and political events and ideologies. Students will read corresponding literature, selected short stories, poems and non-fiction. Students will work collaboratively to investigate essential questions and concepts while improving their skills in literacy, critical thinking, and technology.

## English 11

100035

### Grade 11, Year (UC-B)

**Prerequisite:** none

**Offered at:** Middle College, New Valley, Santa Clara, Wilcox, and Wilson

English 11 students use American Literature to define and analyze the "American Dream." Emphasis is placed on writing as a process and students will write multi-draft literary analysis and expository essays and an I-search paper. In addition to the study of American Literature, English 11 students will refine their research, vocabulary, collaboration, and oral communication skills.

## SDAIE 11 English

155035

### Grade 11, Year (UC-B)

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

English 11 students use American Literature to define and analyze the "American Dream" and American Ideals through reading and analyzing a variety of texts including novels, short stories, drama, poetry and non-fiction written by America's most important and influential literary figures. Emphasis in this class will be placed on writing as a process and students will write multi-draft literary analysis and expository essays and an I-search paper. English 11 students will refine their research, vocabulary collaboration and oral communication skills. This course uses special methods and teaching strategies appropriate for students who are still acquiring English.



# English

## American Studies

305505

**Grade 11, Year (UC-B) and (UC-A)**

**Prerequisite:** none

**Offered at:** New Valley, Santa Clara

*American Studies fulfills the requirements for English 11 and U.S. History*

American Studies integrates the study of literature and history in thematic units. This combination provides a context for deeper understanding of the interconnectedness between literature and history. Students will learn about topics including the roaring twenties, World Wars, and civil rights through the study of social, economic, and political events and ideologies. Students will read corresponding literature including: selected short stories, poems and non-fiction. Students will work collaboratively to investigate essential questions and concepts while improving their skills in literacy, critical thinking, and technology.

## English 12

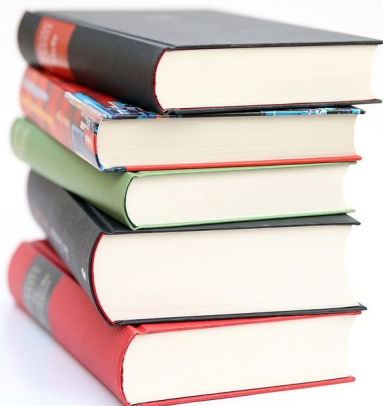
100045

**Grades 12, Semester**

**Prerequisite:** none

**Offered at:** New Valley High School

English 12 semester long courses at New Valley alternate between American and British Literature traditions. Students continue their analysis of the SCUSD English department themes such as defining American Dream, the Journey to Self Awareness, the Pursuit of Happiness and the characteristics of a hero. Emphasis is on students improving their reading, vocabulary, grammar, persuasive and expository writing skills while practicing collaboration, oral communication, critical thinking and citizenship.



## Contemporary Literature

104205

**Grades 12, Semester (UC-B)**

**Prerequisite:** none

**Offered at:** Middle College, Wilcox, Wilson

This course leads students to appreciate, analyze and evaluate ideas and values in contemporary literature. Students will read novels, short stories, drama, poetry and nonfiction written by culturally diverse authors of the late twentieth and twenty-first centuries. Assignments include literary analysis essays and poetry writing, as well as oral presentations.

## SDAIE 12 Contemporary Literature

155545

**Grade 12, Semester (UC-B)**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This course leads students to appreciate, analyze and evaluate ideas and values in contemporary literature. Students will read novels, short stories, drama, poetry and nonfiction written by culturally diverse authors of the twentieth and twenty-first centuries. Assignments include literary analysis essays and poetry writing, as well as oral presentations. This course uses special methods and teaching strategies appropriate for students who are still acquiring English.

## AP English Literature and Composition

100645

**Grade 12, Year (UC-B)**

**Prerequisite:** Students with a C or better, or with teacher recommendation, are invited to submit a response to a specific prompt. Prompts are available from English teachers.

**Offered at:** Santa Clara, Wilcox

This college-level class, equivalent to English 1A and 1B, studies poetry, short story, drama, and novels. Writing assignments include literary analysis, research papers, creative projects and reflective essays appropriate for college applications. Group work and class discussion form the foundation for understanding. The reading and writing demands of the course are rigorous and are designed to prepare students to take the Advanced Placement English Literature and Composition test in May.

# English

## CSU Expository Reading and Writing/105945

**Grade 12, Year (UC-B)**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

The ERWC course is designed to show how reading and writing are more than skills or tools; they reflect and even define our social worlds. Texts, written and spoken, create ways for students to make sense of the world. Not only will students learn to negotiate a variety of texts, but they will also become familiar with the discourse of academic English. The course focuses on three parts of reading and writing: content, process, and purpose. Students will develop fluency with a wide range of reading materials—organized around current topics of interest—characteristic of those they are likely to encounter in post-secondary education and/or the globalizing world of work.

For students who earned an EAP status of "conditionally ready" in their junior year, passing ERWC with a grade of C or better in both semesters of their senior year allows them to enroll in a CSU without taking the English Placement Test.



## SDAIE 12 Expository Writing

**155245**

**Grade 12, Semester (UC-B)**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

The course is designed to show how reading and writing are more than skills or tools; they reflect and even define our social worlds. Texts, written and spoken, create ways for students to make sense of the world. Not only will students learn to negotiate a variety of texts, but they will also become familiar with the discourse of academic English. The course focuses on three parts of reading and writing: content, process and purpose. Students will develop fluency with a wide range of reading materials—organized around current topics of interest—characteristic of those they are likely to encounter in post-secondary education and/or the globalizing world of work. This course uses special methods and teaching strategies appropriate for students who are still acquiring English.

## British Literature

**104145**

**Grade 12, Semester (UC-B)**

**Prerequisite:** none

**Offered at:** Wilson

In this one-semester college-preparatory course, students will study a sampling of British literature, from the 8<sup>th</sup> century to the modern day. In so doing, they will explore the universal themes expressed in these works that make them still relevant today. They will trace the development of the English language, from Old to Middle to Modern English, as well as study the genres and themes particular to each time period. Students will continue to sharpen their writing skills as well as develop their ability to analyze and make meaning of what they read.

## Honors British Literature

**103605**

**Grades 11–12, Year (UC-B)**

**Prerequisite:** Portfolio

**Offered at:** Wilcox High School

This course provides the college-bound student rigorous instruction in the major British literary works of the Anglo-Saxon, Medieval, Renaissance periods, the Age of Reason, the Eighteenth Century, Romantic and Victorian eras, and the Twentieth Century by examining the historical and cultural periods of each era. Students are required to complete a summer reading assignment prior to class. Throughout the year they will complete a research paper in poetry, critical essays, creative projects and review for the AP English exams. Group work and class discussion form the foundation for understanding.

## Mythology

**106005**

**Grades 12, Semester (UC-B)**

**Prerequisite:** none

**Offered at:** Wilcox, Wilson

This course is a study of the influence of world mythology on western culture. Students will read and examine the influence of classical myths and epics from cultures around the world, including Greece, the British Isles, the Middle East, the Far East and Pacific Islands, Africa, and the Americas. Students will analyze myths for common patterns, such as the hero archetype, as well as for cultural worldview and universal human values. Students will also refine their literary analysis, expository writing and critical thinking skills.



# English

## Multicultural Literature & Composition 104305

**Grade 12, Year (UC-B)**

**Prerequisite:** none

**Offered at:** Santa Clara

This UC approved course focuses on broadening students' individual and collective perspective by studying literature and non-fiction pieces from different cultures. Students will explore similarities and differences between their own and other cultures through reading, analyzing, and researching literature from around the world. Students will also have opportunities to develop reading, writing, communication and collaboration skills that prepare them for college and career success.

## AP English Language and Composition 103735

**Grade 11, Year (UC-B)**

**Prerequisite:** Students with a C or better, or with teacher recommendation, are invited to submit a response to a specific prompt. Prompts are available from English teachers.

**Offered at:** Santa Clara, Wilcox

This college-level course prepares students to analyze and interpret prose from a variety of historical periods and rhetorical contexts with an emphasis on American writers. Through close reading, discussion, collaboration and independent practice, students will hone their abilities to develop, articulate, and defend interpretations of style and

## Short Story 104945

**Grade 12, Semester (UC-B)**

**Prerequisite:** none

**Offered at:** Wilson

This literature based course is designed to introduce students to the elements of short story through reading, discussion, and analysis of a variety of short stories and novels. The students will explore a wide range of themes and authors in addition to the effects of fable, myth, and urban legends on the plot of short stories. Highlights of the course include a research paper geared toward college preparation and a video production of researched urban legends. A project-based final exam requires students to demonstrate knowledge of the elements of short story, critical thinking, and problem-solving strategies, and teamwork skills.

## Reading Intervention

755415

**Grades 9—12, Year**

**Prerequisite:** recommendation based upon student need

**Offered at:** New Valley, Santa Clara, Wilson, Wilcox

Reading Intervention is a comprehensive program designed to meet the needs of struggling readers in transitional Grades 6-12. The program directly addresses individual needs through differentiated instruction, adaptive and instructional software, high-interest literature and non-fiction, and direct instruction in reading, writing, and vocabulary skills.



Shh!! I'm drowning in  
this Awesome Book!



now go away plz...

# English

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## EL Beginning/ Intermediate

150105

**Grades 9-12, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

The instruction in this course will focus on basic vocabulary, grammar, communication skills, reading, study skills and American culture. The main resource will be a textbook designed for development in English language skills. Students will read short stories, plays, excerpts and articles that cover multiple content areas and will allow for enrichment in vocabulary. Students will begin by forming simple sentences and paragraphs, building into more complex and developed pieces of writing by second semester. Students will organize ideas for writing with visual organizers, maps and outlines. Students will communicate basic needs, engage in school and academic related conversations, make oral presentations, and learn to work collaboratively. Cultural proficiency will be an ongoing part of the curriculum in this class.

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## EL Intermediate/Advanced

150405

**Grades 9-12, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

The instruction in this course will focus on more advanced vocabulary, grammar, communication skills, reading, study skills and American culture. The main resource will be a textbook designed for development in English language skills. Students will continue to develop language skills by interacting with a variety of supplementary books and materials. They will also learn to recognize high frequency words and phrases, and benefit from a variety of using reading strategies to analyze literature. Students will be provided diverse instructional strategies to increase learning in all academic areas. Cultural proficiency will be an ongoing part of the curriculum in this class.



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## EL Academic Support I

711105

**Grades 9-12, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This class is designed to support students in all of their academic courses. In this class students learn various skills such as: studying, organization, note taking, and test taking strategies. Students are integrated into the school community and introduced to the various school events, rules, and expectations. In this class students also have the opportunity to discover the culture and traditions of the school community. During this class students receive instruction from the teacher, as well as tutoring from fellow students.

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## EL Academic Support 2

711205

**Grades 9-12, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This class is designed to provide students with essential skills to be successful in an academic environment. These skills vary, and will include: academic vocabulary, study and test-taking skills, organizational skills, etc. A focus will also be placed on identifying and accessing the variety of resources available to students in an academic setting.

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## EL Academic Support 3

711305

**Grades 9-12, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This class will focus on the fundamentals of high school success which will include time management, organizational skills, tutorials, communication with teachers and peers, and involvement in school activities. Student progress will be monitored in all courses by both the student and the teacher. Students will spend time focused on their various classes, as well as researching careers and practicing for the various tests they will be taking to graduate high school.



# English

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**BSC English 9****160015****Grade 9, Year****Prerequisite:** IEP**Offered at:** Santa Clara, Wilcox

BSC English 9 is a challenging and rewarding course. It follows the California State Standards with modified instruction and meets the English graduation requirements. This class has Read 180 support to improve reading and writing levels. Students will study literature through fiction and nonfiction, novels and plays. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

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**BSC English 10****160025****Grade 10, Year****Prerequisite:** IEP**Offered at:** Santa Clara, Wilcox

In BSC English 10 students will continue to develop skills in composition and literature. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students will study literature through novels, short stories, plays and nonfiction. Students will also refine their writing and critical thinking skills using various themes. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

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**BSC English 11****160035****Grade 11, Year****Prerequisite:** IEP**Offered at:** Santa Clara, Wilcox

Students will work on basic writing and reading skills, one-on-one and in groups. Correct grammar and punctuation will be focused on as well as word analysis and fluency. Vocabulary and comprehension will be improved through spelling, reading assignments and group discussions. Levels and materials will vary according to each individual's goals. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

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**BSC English 12****160045****Grade 12, Year****Prerequisite:** IEP**Offered at:** Santa Clara, Wilcox

Students will work on basic writing and reading skills, one-on-one and in groups. Correct grammar and punctuation will be focused on as well as word analysis and fluency. The students read and analyze English literature, novels, and short stories. Vocabulary and comprehension will be improved through spelling, reading assignments and group discussions. Levels and materials will vary according to each individual's goals. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

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**PRT English 9****170015****Grade 9, Year****Prerequisite:** IEP**Offered at:** Wilcox

Students will work on basic writing and reading skills, one-on-one and in groups. Letter and word recognition, correct grammar and punctuation will be covered. Vocabulary and comprehension will be improved through spelling, reading assignments and group discussions. Levels and materials will vary according to each individual's goals. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

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**PRT English 10****170025****Grade 10, Year****Prerequisite:** IEP**Offered at:** Wilcox

Students will work on basic writing and reading skills, one-on-one and in groups. Letter and word recognition, correct grammar and punctuation will be covered. Vocabulary and comprehension will be improved through spelling, reading assignments and group discussions. Levels and materials will vary according to each individual's goals. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.



# English

## PRT English 11

170035

Grade 11, Year

Prerequisite: IEP

Offered at: Wilcox

Students will work on basic writing and reading skills, one-on-one and in groups. Letter and word recognition, correct grammar and punctuation will be covered. Vocabulary and comprehension will be improved through spelling, reading assignments and group discussions. Levels and materials will vary according to each individual's goals. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## PRT English 12

170045

Grade 12, Year

Prerequisite: IEP

Offered at: Wilcox

Students will work on basic writing and reading skills, one-on-one and in groups. Letter and word recognition, correct grammar and punctuation will be covered. Vocabulary and comprehension will be improved through spelling, reading assignments and group discussions. Levels and materials will vary according to each individual's goals. It follows the California State Standards with modified instruction and meets the English graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.





[illegible]

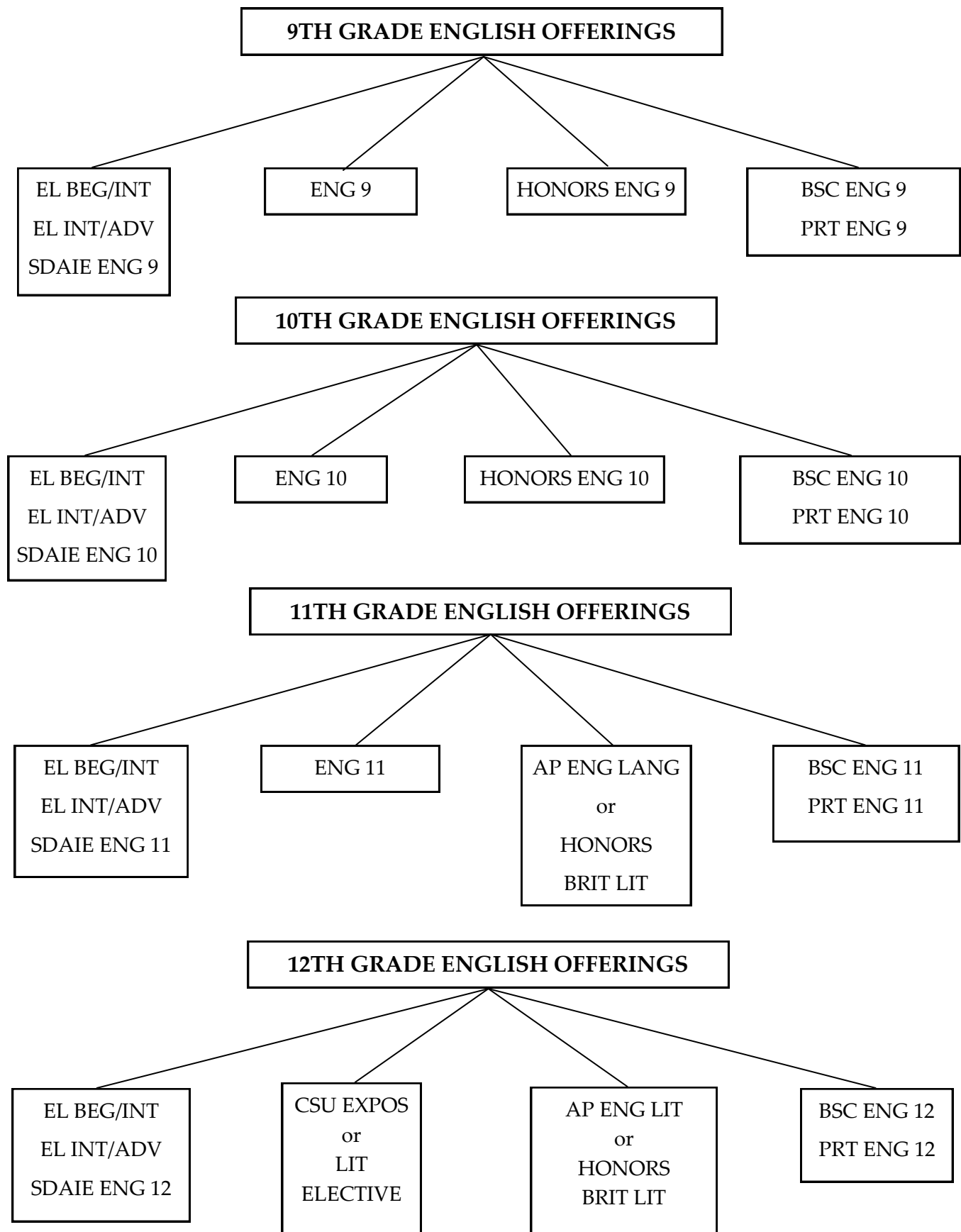
# English

## 2014-15 Writing Scope and Sequence for SCUSD, grades 9-12

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Required Writing	Required Writing	Required Writing	Required Writing
<b>Literary analysis</b> emphasis: thesis and structure, integrating evidence (i.e. quotations) and commentary	<b>Literary analysis</b> emphasis: thesis and structure, integrating evidence (i.e. quotations) using transitions and context, and commentary	<b>Literary analysis</b> emphasis: mastering evidence and commentary	<b>Literary analysis</b> emphasis: mastering evidence and commentary
<b>Poetry analysis</b> emphasis: poetic/literary devices, structure, how devices convey meaning	<b>Poetry analysis</b> emphasis: poetic/literary devices, structure, how devices convey meaning	<b>Poetry analysis</b> emphasis: analysis	<b>Poetry analysis</b> emphasis: analysis
<b>Non-fiction analysis</b> emphasis: author's purpose	<b>Non-fiction analysis</b> emphasis: author's purpose and devices	<b>Non-fiction analysis</b> emphasis: style and rhetoric	<b>Non-fiction analysis</b> emphasis: style and rhetoric
<b>Persuasive essay</b> emphasis: structure	<b>Persuasive essay</b> emphasis: claim and support	<b>Persuasive essay</b> emphasis: structure and fallacies of logic	<b>Persuasive essay</b> emphasis: response to argument (CSU-EPT)*
<b>Autobiographical narrative</b> emphasis: show-not-tell writing and dialogue	<b>Response to Argument</b>	<b>I-search Project</b> emphasis on research, and personal business letter	<b>Reflective essay</b> example: college personal statement
<b>Creative writing</b>	<b>Creative writing</b>	<b>Creative writing</b>	<b>Creative writing</b>
<b>Timed writing</b> Response to literature	<b>Timed writing</b> Non-fiction analysis, response to argument	<b>Timed writing</b> Various, including response to argument	<b>Timed writing</b> Various, including response to argument
<b>Oral presentation</b> See curriculum map	<b>Oral presentation</b> See curriculum map	<b>Oral presentation</b> See curriculum map	<b>Oral presentation</b> See curriculum map
<b>Portfolio letter of reflection</b>	<b>Portfolio letter of reflection</b>	<b>Portfolio letter of reflection</b>	<b>Portfolio letter of reflection</b>
<b>MLA format/citation</b>	<b>MLA format/citation</b>	<b>MLA format/citation</b>	<b>MLA format/citation</b>
<b>Research:</b> historical background	<b>Research:</b> historical background and bibliography	<b>Research:</b> primary and secondary sources	<b>Research:</b> synthesis and support



# English



# Mathematics

## Algebra 1

201105

Grades 9–12, Year (UC-C)

**Offered at:** Gateway, New Valley, Santa Clara, Wilcox, Wilson

Algebra is a year-long course that builds on arithmetic skills and algebraic concepts taught in earlier grades. This course emphasizes the following concepts: basic properties of, and operations with, real numbers, solving equations and inequalities, graphing linear equations and inequalities, solving systems of equations, operations with polynomials, products and factoring, irrational numbers and radicals.

## EL Algebra Readiness

250605

Grades 9–12, Year

**Prerequisite:** none

**Offered at:** Wilcox

The instruction in this course will focus on basic academic vocabulary, communication, and study skills in mathematics. The main resource is a textbook designed to support English Learners. Cultural proficiency will be an ongoing part of the curriculum in this course.

## Algebra Support

717005

Grades 9–12, Year

**Prerequisite:** concurrent enrollment in a math course

**Offered at:** Santa Clara, Wilcox

Algebra Support is designed to help students struggling in Algebra 1. The goal of the course is to help the struggling student gain confidence and find success in their Algebra 1 class. Support for students will include online math tutoring and direct teacher support. It is a year course and student enrollment is done by parent request and/or teacher recommendation.

## Geometry

202005

Grades 9–12, Year (UC-C)

**Prerequisites:** C or better in Algebra 1

**Offered at:** New Valley, Santa Clara, Wilcox, Wilson

Geometry is a one-year course, which reviews the geometric concepts of previous math courses. In addition, it encourages and guides the student in the discovery of new geometric concepts. Geometry stresses the ability to reason logically and think critically. It will include teaching the student how to present a formal proof. Geometric properties of both two and three dimensions are emphasized as they apply to points, lines, planes, circles and polygons.

## Geometry Honors

202105

Grades 9–12, Year (UC-C)

**Prerequisites:** B or better in Algebra I or teacher recommendation

**Offered at:** Santa Clara, Wilcox

Honors Geometry is a traditional one-year course, which encourages and guides the student in the discovery of new geometric concepts. A major part of this course will be devoted to teaching the student how to present a formal proof. Emphasis, especially in the first semester, will be placed on translating symbols, words, phrases and diagrams into a logical sequence as it applies to two-column and paragraph proofs. Along with these ideas, the second semester will incorporate geometric properties of both two and three dimensions. Concepts such as area, volume, loci, right triangles, similar triangles and circles will be emphasized.

## Algebra 2

201405

Grades 9–12, Year (UC-C)

**Prerequisites:** C or better in Geometry

**Offered at:** Santa Clara, Wilcox

Algebra 2 is a one-year course, which provides a view and extension of the concepts taught in Algebra 1. Emphasis is placed on the following topics: operations with real numbers, systems of linear equations and inequalities, factoring, rational expressions and equations, quadratic functions, exponential functions, logarithms, complex numbers, conic sections, variations, probability, and progressions.



**204605**

**204505**

[illegible]

# Mathematics

## AP Calculus BC

205205

**Grades 11–12, Year (UC-C)**

**Prerequisites:** B or better in Trigonometry/Pre-Calculus Honors (summer work required), C or better in AP Calculus AB, or teacher recommendation

**Offered at:** Santa Clara, Wilcox

The course will prepare the student to enter college with one year of Calculus background. Topics include limits, differentiation, integrals and sequences and series. This course prepares the student for the AP Calculus B/C exam.

## AP Statistics

207105

**Grades 11–12, Year (UC-C)**

**Prerequisites:** B or better in Algebra 2, C or better in Algebra 2 Honors, or teacher recommendation

**Offered at:** Santa Clara, Wilcox

AP Statistics is for students with a wide variety of interests including science, psychology, health and business. It is a one-year course about data and probability. Students will analyze data with calculators and computers, conduct classroom experiments, carry out projects and perform probability simulations. AP Statistics culminates in the AP Statistics exam. Students who are successful will receive college credit for a one-semester course in statistics. Most college majors now require a statistics course. Students will be able to apply their knowledge of statistics to their chosen fields.

## BSC Algebra 1A

260005

**Grades 9–12, Year**

**Prerequisite:** IEP

**Offered at:** Santa Clara, Wilcox

Algebra 1A is a year long course that builds on arithmetic skill and algebraic concepts taught in earlier grades. This course covers the first semester of a traditional year long Algebra 1 course. Concepts emphasized are: basic properties of, and operations with, real numbers, solving equations and inequalities, graphing linear equations and inequalities and solving systems of linear equations. Algebra 1A provides additional time for students to develop their skill in applying algebraic properties and build their confidence in problem solving. It follows the California State Standards with modified instruction and meets the math graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## BSC Geometry

260305

**Grades 9–12, Year**

**Prerequisites:** IEP

**Offered at:** Santa Clara

Geometry is a one-year course, which reviews the geometric concepts of previous math courses. In addition, it encourages and guides the student in the discovery of new geometric concepts. Geometry stresses the ability to reason logically and think critically. It will include teaching the student how to present a formal proof. Geometric properties of both two and three dimensions are emphasized as they apply to points, lines, planes, circles and polygons. It follows the California State Standards with modified instruction and meets the math graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## BSC Algebra 1

260205

**Grades 9–12, Year**

**Prerequisites:** IEP

**Offered at:** Santa Clara, Wilcox

Algebra is a year-long course that builds on arithmetic skills and algebraic concepts taught in earlier grades. This course emphasizes the following concepts: basic properties of, and operations with, real numbers, solving equations and inequalities, graphing linear equations and inequalities, solving systems of equations, operations with polynomials, products and factoring, irrational numbers and radicals. It follows the California State Standards with modified instruction and meets the math graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## PRT Math

270005

**Grade 9-12, Year**

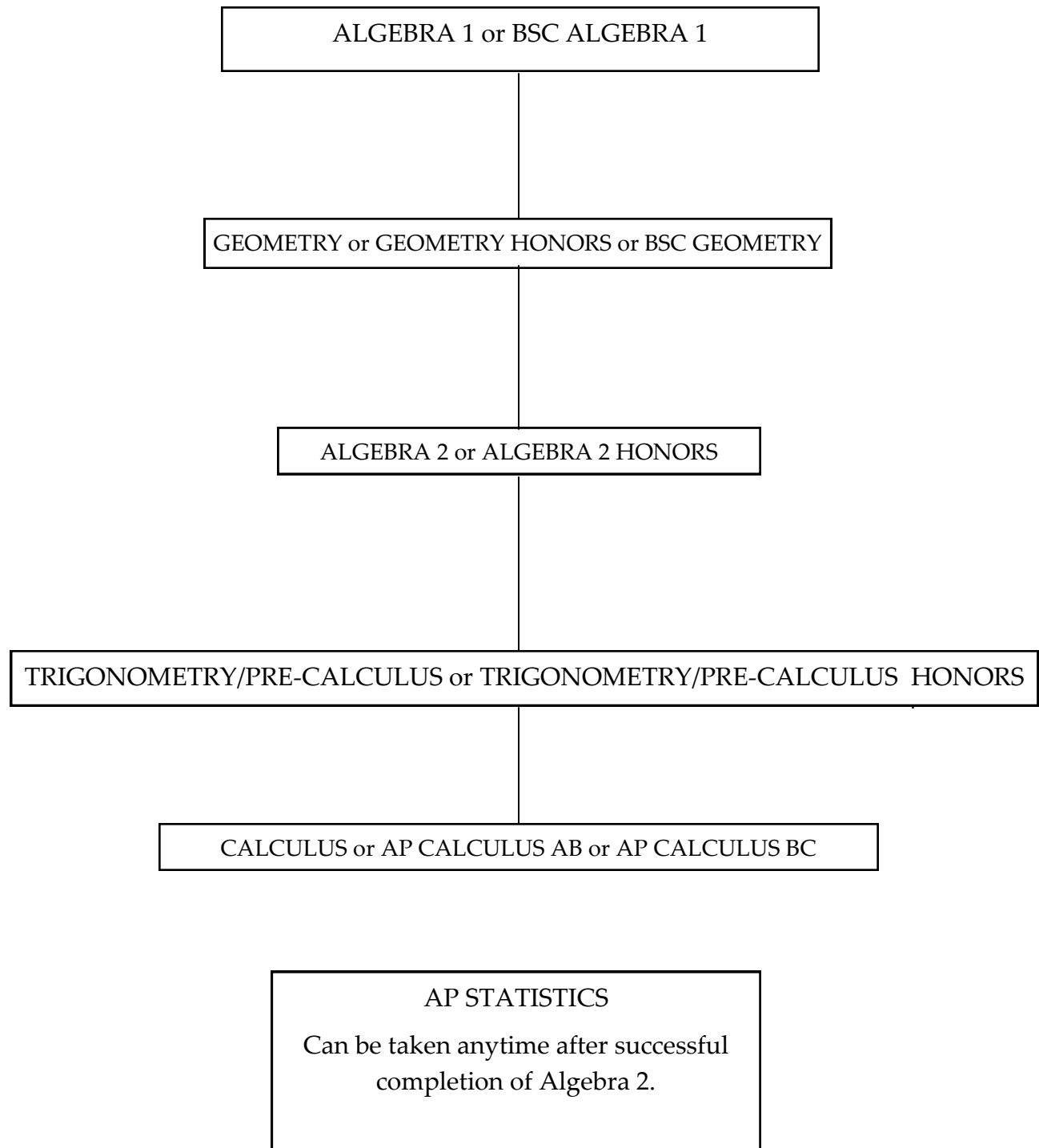
**Prerequisite:** IEP

**Offered at:** Wilcox

Fundamental concepts of measurement function, algebra, statistics, probability, problem solving, and communication. Subject matter will be determined based on individual goals. It follows the California State Standards with modified instruction and meets the math graduation requirements. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.



# Mathematics



\*\*This chart represents a suggested flow of math courses

\*\*Exceptions can be made on an individual basis



# Social Science

## World History

301025

Grade 10, Year (UC-A)

**Prerequisite:** none

**Offered At:** Gateway, New Valley, Santa Clara, Wilcox, Wilson

This course analyzes major turning points in modern civilizations and the political, economical, and social roots of current world issues. The students will study the rise of democracy and the role of revolution, the industrial revolution and its effects on society, the role of imperialism in shaping our world, the causes and effects of World War I, the human experience of World War II, the global conflict of the Cold War, and current world conflicts. The students will work collaboratively to develop skills in geography, literacy, and technology.

## AP European History

301725

Grade 10, Year (UC-A)

**Prerequisite:** Enrollment may include completion of a form with a writing sample, and summer reading.

Please obtain writing prompt from your counselor, 9th grade English teachers, or social science teachers.

**Offered at:** Santa Clara, Wilcox

This course analyzes the development of Western Civilization focusing on the end of the Middle Ages to the present. Students will demonstrate an understanding of the social, political, and the economic factors that helped shape our world today. This course is a rigorous college prep course. Students who qualify must have excellent writing, reading, and study skills as this course is designed to prepare students for the AP examination given in May.

## SDAIE World History

355225

Grade 10-11, Year (UC-A)

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This course examines major turning points and themes that have effectively shaped the modern world today. Students will have opportunities to learn both collaboratively and independently while creating multi-sensory projects, improving essay and general writing skills, developing literacy, and performing presentations using technology. This course has the same content and requirements as the non-SDAIE World History course; however, it uses special methods and teaching strategies appropriate for students who are still acquiring English.

## EL World History

351505

Grade 10-11, Year

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

EL World History is designed for students who are not proficient in the English language. This course will examine world civilizations and their economic, political and social issues. The students will study the rise of democracy, imperialism and the roles of revolutions. Students will analyze the causes and effects of both World Wars and become familiar current world events. The class will focus on many of the same topics as non-EL World History; however, it uses special methods and teaching strategies developed to assist students moving toward English proficiency.

## World Studies

305005

Grade 10, Year (UC-A) and (UC-B)

**Prerequisite:** none

**Offered At:** Santa Clara High School

*World Studies fulfills the requirements for English 10 and World History*

World Studies integrates the study of literature and history in thematic units. This combination provides a context for deeper understanding of the interconnectedness between literature and history. Students will learn about topics including revolutions, imperialism, and the World Wars through the study of social, economic, and political events and ideologies. Students will read corresponding novels, selected short stories, poems and non-fiction. Students will work collaboratively to investigate essential questions and concepts while improving their skills in literacy, critical thinking, and technology.





# Social Science

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## United States History

302035

**Grade 11, Year (UC-A)**

**Prerequisite:** none

**Offered at:** New Valley, Santa Clara, Wilcox, Wilson

This course delves into the study of ideas, people, forces, and geography that influenced our country and people today. The course will provide an understanding that many social, economic, political, cultural, religious, and military events have helped define American society. With that perspective, students will be able to analyze the historical causes and effects of events in our history. A primary focus will be given to the time period after the Civil War up until present day. Students will be exposed to multimedia, research methods, and historical writing skills.

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## AP United States History

302540

**Grade 11, Year (UC-A)**

**Prerequisite:** Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 10th grade English teachers, or social science teachers.

**Offered at:** Santa Clara, Wilcox

This course is a highly intensive, fast paced, college level, chronological review of American history. The course will span from the founding of the colonies to the present. In order to cover a vast record of history, the course will include lecture, discussion, group presentations, work with primary source documents, and rigorous testing. A goal of the course is to prepare students for the AP examination given each May, for which they may receive college credit. Students will be challenged throughout the year to improve on skills demanded by the AP Test.

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## SDAIE US History

355335

**Grade 11, Year (UC-A)**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This course delves into the study of ideas, people, and forces that influenced our country and people today. With perspective students will be able to analyze the historical causes and effects of events in our history. A primary focus will be given to the time period after the Civil War up until present day. Students will be required to individually present a multimedia project during the year. This course has the same content and requirements as the non-SDAIE US History course; however, it uses special methods and teaching strategies appropriate for students who are still acquiring English.

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## EL US History

352035

**Grade 11, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

EL US History is designed for students who are not proficient in the English language. This course delves into the study of ideas, people, and forces that influenced our country and people today. A primary focus will be given to the time period after the Civil War up until present day. The course will provide an understanding that many social, economic, political, cultural, religious, and military events have helped define American society. This course uses special methods and teaching strategies appropriate for students who are still acquiring English.

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## American Studies

305505

**Grade 11, Year (UC-A) and (UC-B)**

**Prerequisite:** none

**Offered at:** Santa Clara High School

**Note:** American Studies fulfills the requirements for English 11 and U.S. History

American Studies integrates the study of literature and history in thematic units. This combination provides a context for deeper understanding of the interconnectedness between literature and history. Students will learn about topics including the roaring twenties, World Wars, and civil rights through the study of social, economic, and political events and ideologies. Students will read corresponding novels, selected short stories, poems and non-fiction. Students will work collaboratively to investigate essential questions and concepts while improving their skills in literacy, critical thinking, and technology.

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## Civics

302545

**Grade 12, Semester (UC-A)**

**Prerequisite:** none

**Offered at:** New Valley, Santa Clara, Wilcox, Wilson

This is a course in American government and politics, which will cover the foundations, philosophy, and events leading to the formation of the American system of government. Special attention will be given to the Constitution and its creation. Moreover, this course will focus on the branches of government, democratic participation, media's influence, the party system, local and state government structures, and comparative governments. Students will be assessed using a variety of tools including projects, presentations, testing, and collaborative work.

# Social Science

## AP United States Government and Politics 302745

### Grade 12, Semester (UC-A)

**Prerequisite:** Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 11th grade English teachers, or social science teachers.

**Offered at:** Santa Clara, Wilcox

This course provides an in depth study of the U.S. national government. The purpose of this course is to examine and analyze our basic governmental institutions and processes. This course involves the study of general concepts used to interpret U.S. politics as well as the various institutions, groups, beliefs and ideas that constitute U.S. political reality. This is an exceptionally demanding course and requires expansive critical thinking, in depth readings, and writing with intense analysis. A goal of the course is to prepare students for the AP examination given each May.

## SDAIE Civics 355445

### Grade 12, Semester (UC-A)

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This is a course in American government and politics, which will cover the foundations and philosophy of the American system of government. Special attention will be given to the constitution and its creation. Moreover, this course will focus on the branches of government, democratic participation, media's influence, the party system, local and state government structures, and comparative governments. Students will be assessed using a variety of tools including projects, presentations, testing, and involvement in the community. This course has the same content and requirements as the non-SDAIE Civics course; however, it uses special methods and teaching strategies appropriate for students who are still acquiring English.



## Economics 303005

### Grade 12, Semester (UC-G)

**Prerequisite:** none

**Offered at:** New Valley, Santa Clara, Wilcox, Wilson

This course examines the characteristics, benefits, and goals of the American economic system. The course will provide an understanding of:

- the major aspects of macroeconomics including the nature of scarcity, the laws of supply and demand, money and banking, the role of government and taxation, the nature of poverty, and unemployment and the importance of world trade.
- some aspects of microeconomics dealing with pricing, business firms and role of the consumer.

In addition, the course will provide the student with practical skills and knowledge for use in the workplace and in higher education. We will also highlight the use of technology to enhance the learning process.

## AP Macroeconomics 303245

### Grade 12, Semester (UC-G)

**Prerequisite:** Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 11th grade English teachers, or social science teachers.

**Offered at:** Santa Clara, Wilcox

This course is designed to give students an in depth understanding of the principles of economics. There will be a detailed analysis of macroeconomic aggregate variables such as unemployment and inflation, the role of the Federal Reserve, the tools of monetary and fiscal policies and international economics. This is a rigorous course, which includes a heavy workload. A goal of the course is to prepare students for the AP examination given each May.

## SDAIE Economics 355545

### Grade 12, Semester (UC-G)

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

This course examines the characteristics, benefits, and goals of the American economic system. In addition, the course will provide the student with practical skills and knowledge for use in the job place and in higher education. We will also highlight the use of technology to enhance the learning process. This course has the same content and requirements as the non-SDAIE Economics course; however, it uses special methods and teaching strategies appropriate for students who are still acquiring English.



# Social Science

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## Social Science

754005

**Grades 10-12, Semester**

**Prerequisite:** none

**Offered at:** New Valley High School

Students learn the story of their home state, unique in American history in terms of its vast and varied geography, its many waves of immigration beginning with pre-Columbian societies, its continuous diversity, economic energy, and rapid growth. In addition to the specific treatment of milestones in California History, students will examine the state in the context of the rest of the nation, with an emphasis on the U.S. Constitution and the relationship between state and federal government.

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## Psychology

304005

**Grades 11-12, Semester (UC-G)**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilson

Students are introduced to psychology with a focus on the self, psychological research methods, language acquisition, addiction, abnormal psychology and gender. Students will have the opportunity to examine their own motivations and how they connect to their own behavior. Students will practice active listening and self-reflection as they attempt to answer the question "Why do we do the things we do?"

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## AP Psychology

754605

**Grades 11-12, Year**

**Prerequisite:** Enrollment may include completion of a form with a writing sample, and summer reading. Please obtain writing prompt from your counselor, 11th grade English teacher, or social science teachers.

**Offered at:** Santa Clara, Wilcox

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perceptions, learning and cognition, motivation, developmental psychology, testing, and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students

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## American Problems

303505

**Grades 11–12, Semester**

**Prerequisite:** none

**Offered at:** Santa Clara High School

This course is designed for study of contemporary problems and issues in the U.S. society from a sociological perspective. Each week, students will focus on different issues such as abortion, drugs, poverty, violence, crime, and the influence of media. Students will explore the roots and solutions of both personal problems and national concerns.

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## Ethnic Studies

303705

**Grades 11–12, Semester**

**Prerequisite:** none

**Offered At:** Santa Clara High School

This interdisciplinary course is devoted to examining the construction and context of ethnicity in the United States with a primary focus on Americans of African, Asian, Latino/a, and Native American descent. Students will examine the historical experiences of the various ethnic groups emphasizing their immigration and migration, significant social contributions, identity formation and integration into American society. By gaining knowledge and understanding of ethnicity in the United States, students will realize the opportunities and responsibilities they have as members of an ethnically diverse community.

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## Law and Public Service

304505

**Grades 10-12, Semester**

**Prerequisite:** none

**Offered at:** New Valley High School

This Social Studies elective is a challenging semester long course informing students of very essential and basic laws that govern us all generally and in particular, laws that govern juveniles. It provides a review of the evolution of civil rights in America, by an analysis of numerous landmark court decisions from the Declaration of Independence through to the 20<sup>th</sup> century. Students are exposed to a range of California Content Standards from both US History and American Democracy. Students participate in various community events and field trips including the Santa Clara University Mock Trials, The F.L.Y.(Fresh Lifelines for Youth), and the San Francisco 49er community relations events. Students conduct classroom mock trials and produce a landmark court decision power point presentation to their classmates. An additional goal for this class includes inspiring students to investigate careers in law-related fields.

# Social Science

## AP Human Geography

305605

Grades 10–12, Year

Prerequisite: none

Offered At: Santa Clara High School

This course introduces 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 socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geographic Standards (2012).

## BSC World History

360105

Grade 10, Year

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

This course analyzes major turning points in modern civilizations and the political, economical, and social roots of current world issues. The students will study the rise of democracy and the role of revolution, the industrial revolution and its effects on society, the role of imperialism in shaping our world, the causes and effects of World War I, the human experience of World War II, the global conflict of the Cold War, and current world conflicts. The students will work collaboratively to develop skills in geography, literacy, and technology. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## BSC US History

360205

Grade 11, Year

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

This course delves into the study of ideas, people, forces, and geography that influenced our country and people today. The course will provide an understanding that many social, economic, political, cultural, religious, and military events have helped define American society. With that perspective, students will be able to analyze the historical causes and effects of events in our history. A primary focus will be given to the time period after the Civil War up until present day. Students will be exposed to multimedia, research methods, and historical writing skills. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.



## BSC Civics

360305

Grade 12, Semester

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

This is a course in American government and politics, which will cover the foundations, philosophy, and events leading to the formation of the American system of government. Special attention will be given to the Constitution and its creation. Moreover, this course will focus on the branches of government, democratic participation, media's influence, the party system, local and state government structures, and comparative governments. Students will be assessed using a variety of tools including projects, presentations, testing, and collaborative work. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## BSC Economics

360405

Grade 12, Semester

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

This course examines the characteristics, benefits, and goals of the American economic system. The course will provide an understanding of:

- the major aspects of macroeconomics including the nature of scarcity, the laws of supply and demand, money and banking, the role of government and taxation, the nature of poverty, and unemployment and the importance of world trade.
- some aspects of microeconomics dealing with pricing, business firms and role of the consumer.

In addition, the course will provide the student with practical skills and knowledge for use in the workplace and in higher education. We will also highlight the use of technology to enhance the learning process. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.





# Social Science

## PRT World History

370015

Grade 10, Year

Prerequisite: IEP

Offered at: Wilcox

It is an activity-centered class that emphasizes the mastery of the social and emotional skills. It focuses on individual responsibilities and human rights; multi-cultural and pluralistic perspectives and their relationship to history and society; and study critical thinking skills. Levels and materials will vary according to each individual's goals. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## PRT US History

370025

Grade 11, Year

Prerequisite: IEP

Offered at: Wilcox

It is an activity-centered class that emphasizes the mastery of the social and emotional skills. It focuses on individual responsibilities and human rights; multi-cultural and pluralistic perspectives and their relationship to history and society; and study critical thinking skills. Levels and materials will vary according to each individual's goals. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## PRT Social Science

370005

Grade 9-12, Year

Prerequisite: IEP

Offered at: Wilcox

It is an activity-centered class that emphasizes the mastery of the social and emotional skills. It focuses on individual responsibilities and human rights; multi-cultural and pluralistic perspectives and their relationship to history and society; and study critical thinking skills. Levels and materials will vary according to each individual's goals. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## PRT Civics

370035

Grade 12, Year

Prerequisite: IEP

Offered at: Wilcox

This course serves as an introduction to the U.S. national government. The purpose of this course is to examine and analyze our basic governmental institutions and processes. Levels and materials will vary according to each individual's goals. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

## PRT Economics

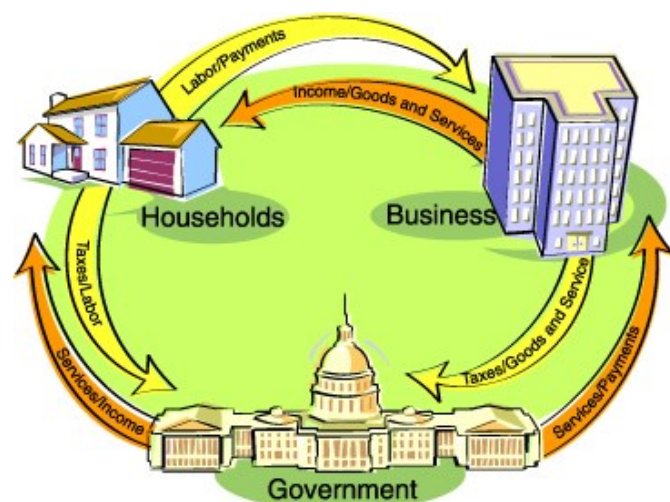
370045

Grade 12, Year

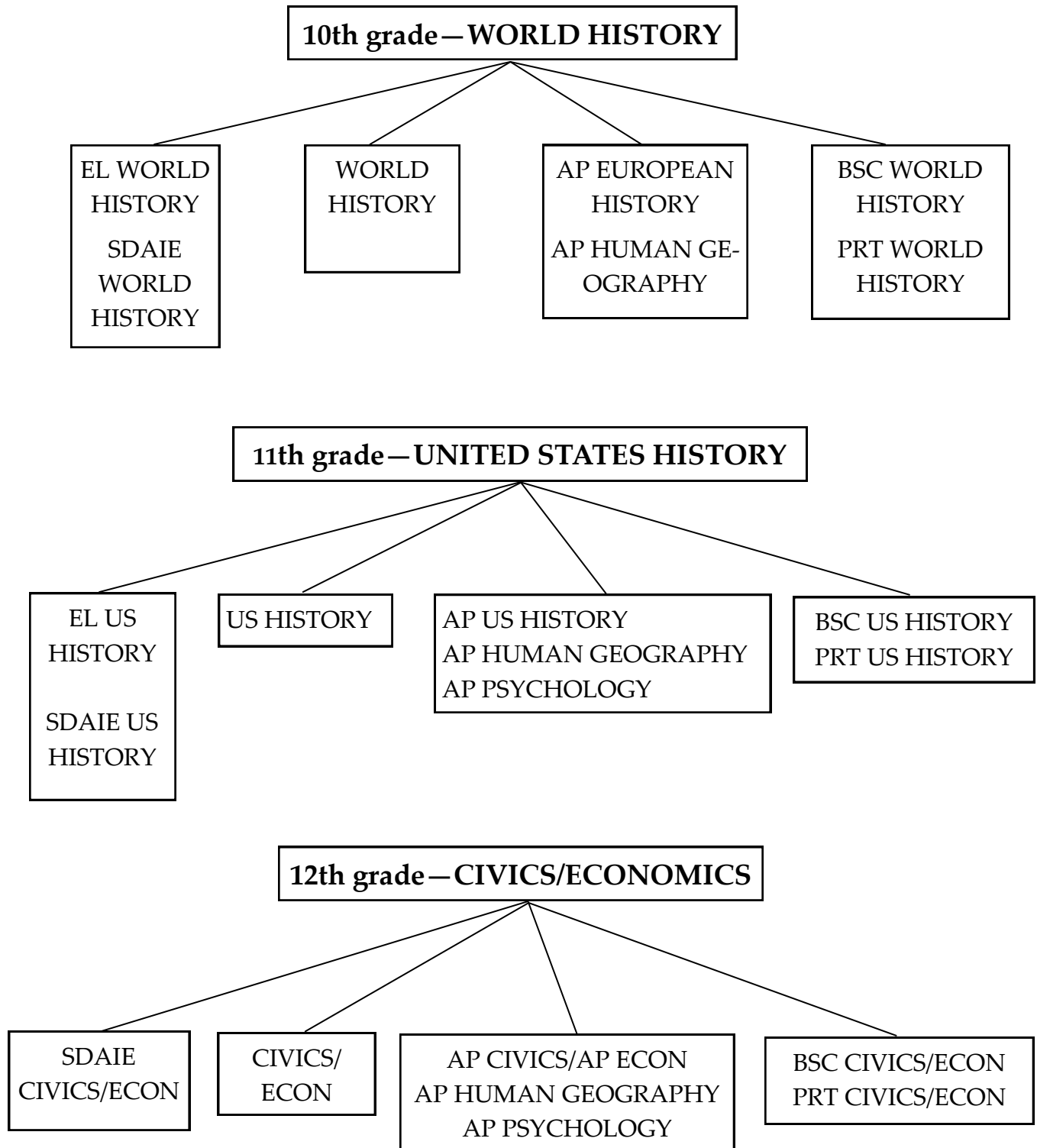
Prerequisite: IEP

Offered at: Wilcox

This course is designed to give students an in-depth understanding of the principles of economics. There will be detailed macroeconomics aggregate variables such as unemployment and inflation, the role of the Federal Reserve, the tools of monetary and fiscal policies and international economics. Levels and materials will vary according to each individual's goals. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.



# Social Science



\*\*This chart represents courses required for high school graduation.

\*\*Social science electives may be taken in addition to the required courses.





# Science

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## Earth Science

401005

Grade 9-12 (varies at each school), Year

Prerequisites: none

Offered At: New Valley, Santa Clara, Wilcox, Wilson

Earth science is a course that prepares students to succeed later in Biology, Chemistry and Physics. The class is activity and lab based and includes the study of astronomy, plate tectonics, energy in Earth systems, biogeochemical cycles, climate, weather, the atmosphere, and California Geology. The students learn these topics by examining the formation and evolution of the universe, the solar system, the earth, and the oceans. Motion, forces, matter and atomic structures are a few of the topics integrated into the curricula. The course will help students establish a base for wise decision making with respect to an individual's role and responsibility as a consumer in a world with finite resources. Each student will gain a foundation of scientific knowledge, vocabulary, and its application, and be prepared to enter Biology.

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## SDAIE Earth Science

455105

Grades 9 –12, Year

Prerequisites: none

Offered At: Wilcox High School

This course uses special methods and teaching strategies appropriate for students who are still acquiring English. Earth science is a freshman level course that prepares students to succeed later in Biology, Chemistry and Physics. The class is activity and lab based and includes the study of astronomy, plate tectonics, energy in Earth systems, biogeochemical cycles, climate, weather, the atmosphere, and California Geology. The students learn these topics by examining the formation and evolution of the universe, the solar system, the earth, and the oceans. Motion, forces, matter and atomic structures are a few of the topics integrated into the curricula. The course will help students establish a base for wise decision making with respect to an individual's role and responsibility as a consumer in a world with finite resources. Each student will gain a foundation of scientific knowledge, vocabulary, and its application, and be prepared to enter Biology.

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## EL Earth Science

450105

Grades 9-12

Prerequisites: none

Offered At: Santa Clara, Wilcox

This EL section will provide additional support for English learners. EL Earth Science is a course that combines biology, earth science and physical science into a one-year comprehensive study. The course stresses scientific literacy through a series of practical lessons, real-life situations, challenges and experiences that require not only interdisciplinary studies but also critical thinking skills. Units such as the Nature of Science, Water, Ecology, and Smart Living, will intertwine science content, skills and higher order thinking with scientific process. Furthermore, this course will prepare students for subsequent high school and college science classes.

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## Biology

403005

Grades 9 – 12, Year (UC-D)

Prerequisites: none

Offered At: New Valley, Santa Clara, Wilcox, Wilson

Biology is a college preparatory, yearlong, laboratory science course, which involves the development and understanding of basic biological principles. The course includes: the cellular basis and chemistry of life, microbiology, genetics, evolution and ecological relationships.

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## SDAIE Biology

455205

Grades 9-12, Year (UC-D)

Prerequisites: none

Offered At: Santa Clara, Wilcox

This course uses special methods and teaching strategies appropriate for students who are still acquiring English. Biology is a college preparatory, yearlong, laboratory science course, which involves the development and understanding of basic biological principles. The course includes: the cellular basis and chemistry of life, microbiology, genetics, evolution and ecological relationships, and health topics including body systems, reproduction, and HIV/AIDS.

# Science



## Environmental Biology 403305

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**Grades 9-12, Year (UC-D)**

**Prerequisites:** none

**Offered At:** Wilcox High School

Generally covers the same topics as Biology, but includes a heavy emphasis on ecology and human impacts on the environment. Summer field activities are included as an optional part of the program.

## Chemistry 403505

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**Grades 10–12, Year (UC-D)**

**Prerequisites:** Completion of both semesters of Algebra 1 and Biology with a C or better or special instructor recommendation.

**Offered At:** Santa Clara, Wilcox

Chemistry is a yearlong course that covers the properties of matter, its composition, and its changes. Learning about chemistry will improve the logical, mathematical, and problem-solving skills needed in many other areas of life. Success in Chemistry requires a solid foundation in Algebra, and some prior experience in other studies in science. Chemistry, like most subjects in science, builds on concepts and skills throughout the year, so it is essential that students keep up with the work as it is presented. Topics covered in the course include: techniques of scientific observation, periodic nature and chemical properties of elements, atomic theory and structure, acids and bases, basic kinetics and thermodynamics.

In-class chemical demonstrations and laboratory exercises are used to emphasize the experimental nature of chemistry, and to introduce students to unusual and interesting phenomena. Safety instruction is integrated into all activities.

## Conceptual Chemistry 403905

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**Grades 10-12, Year**

**Prerequisites:** none.

**Offered At:** Santa Clara High School

Conceptual Chemistry is an introductory course in theories and concepts of modern chemistry. It is a laboratory-oriented course that addresses the same topics as a traditional chemistry course while putting those ideas in context through the use of thematic units. The course emphasizes the structure of the atom, solutions and equilibrium, periodic properties, bonding and common reactions, and acid-base reactions. Students will be introduced to nuclear chemistry, stoichiometry, and forensics. Laboratory work will develop student reasoning power, the ability to apply chemical principles; as well as acquaint students with chemical laboratory techniques.

## Honors Chemistry 403605

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**Grades 10–12, Year (UC-D)**

**Prerequisites:** Completion of both semesters of Geometry with a C or better and both semesters of Biology with an A. Have taken or concurrently taking Algebra II.

**Offered At:** Santa Clara, Wilcox

Similar to the Chemistry course, Honors Chemistry is a yearlong course that teaches the properties of matter, its composition, and its changes. Honors Chemistry places a heavier emphasis upon mathematical analysis and upper level thinking skills, and covers topics such as equilibrium, organic chemistry and thermodynamics in more depth. This course is designed to introduce students to a wide variety of chemical principles, in preparation for more detailed technical courses in later years.

Topics covered in more depth include: techniques of scientific observation and description, periodic nature of the chemical properties of elements, atomic theory and structure, acids and bases, basic kinetics and thermodynamics. Effort is made to help the student relate chemical knowledge to the problems and issues of modern society. In-class chemical demonstrations and laboratory exercises are used to emphasize the experimental nature of chemistry, and to introduce students to unusual and interesting phenomena. Safety instruction is integrated into all activities.



# Science

## Anatomy and Physiology

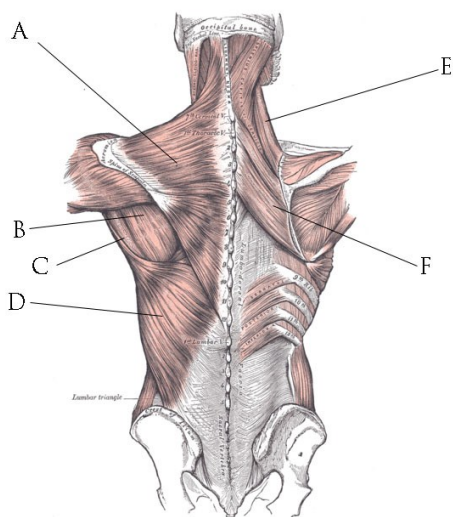
402545

Grades 11–12, Year (UC-D)

**Prerequisites:** Completion of both semesters of Biology

**Offered At:** Wilcox High School

Human Physiology is a complete comprehensive study of the structure and function of the human body. It includes basic chemical, cellular, biological and anatomical concepts. In addition to the basic information, It also includes detailed information about each organ system. Dissection of the vertebrate organism is the used to demonstrate how structures relate to function of the various systems of the body.



## Honors Human Physiology

402605

Grades 11–12, Year (UC-D)

**Prerequisites:** Completion of both semesters of Biology, Chemistry and Algebra 1 with a C or better.

**Offered At:** Santa Clara, Wilcox

Honors Human Physiology is a comprehensive year-long course focusing on the structures and function of the human body. This course is eligible for honors level science credit. The level of understanding is expected to be high. Various body systems will be covered in depth. Laboratory activities are central to the course and are time-consuming. The course includes a comprehensive end-of-year final. A final long-term project is submitted at the end of the course. Dissection of vertebrates is included within the course.

## AP Chemistry

403705

Grades 10–12, Year (UC-D)

**Prerequisites:** Completion of both semesters of Honors Chemistry with a C or better and science teacher recommendation; see AP requirements

**Offered At:** Santa Clara, Wilcox

AP Chemistry is the first year college chemistry course for science majors. The course covers all those topics and laboratory activities that are common in a first year science major's chemistry course.

## Physics

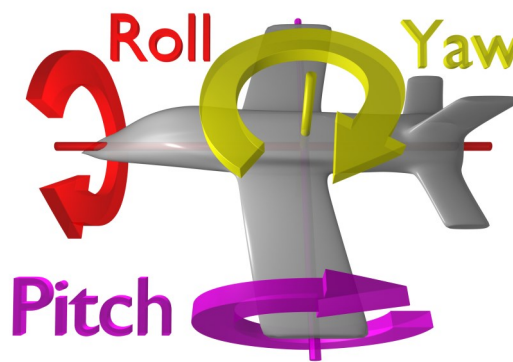
404035

Grades 9–12, Year (UC-D)

**Prerequisites:** Completion of both semesters of Algebra 1 and Biology with a C or better.

**Offered At:** Santa Clara, Wilcox

Have you ever wondered...why large apples fall as fast as little ones?...How much horsepower you can muster?...If so, physics is the course for you. Through experiments and mathematics, we will investigate what scientists before us have discovered about forces, motion, energy, light, electricity and magnetism. Physics is a college preparatory course where experimental design and mathematics are at its core. Students should already be familiar with manipulating algebraic equations, using scientific notation, and performing dimensional analysis, as well as designing and conducting scientific investigations.



# Science

## AP Physics 1

404205

**Grades 11—12, Year (UC-D)**

**Prerequisites:** Completion of both semesters of Trigonometry with a C or better and science teacher recommendation; see AP requirements

**Offered At:** Santa Clara, Wilcox

AP Physics 1 provides an introduction to the main principles of physics, emphasizing mathematical problem solving. The main topics studied in this course include: Newtonian mechanics, waves, optics, electricity, magnetism, atomic physics and nuclear physics. It is assumed that students are proficient with designing and conducting scientific investigations, as well as using algebra, geometry and trigonometry. This is a first-year physics course including a laboratory component, and it provides a foundation for college study in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. Students pursuing college degrees in physical sciences and engineering would continue with calculus-based physics courses.

## AP Physics: 2

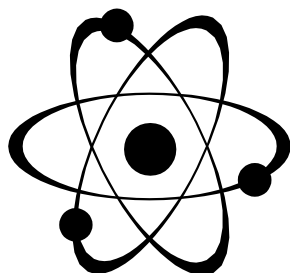
404215

**Grades 11—12, Year (UC-D)**

**Prerequisites:** AP Physics 1 or a comparable introductory course, Precalculus (previously or concurrently)

**Offered At:** Wilcox

AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamic with kinetic theory/ PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and resolving skills.



## AP Biology

403205

**Grades 11—12, Year (UC-D)**

**Prerequisites:** Completion of both semesters of Biology and Chemistry with a grade of a B or better and science teacher recommendation; see AP requirements

**Offered At:** Santa Clara, Wilcox

This is college level biology course. The course covers a vast amount of material. In addition to a thorough reading of a college biology textbook, the students utilize writing skills necessary to successfully accomplish the writing portion of the advanced placement exam. Students are prepared for the AP Bio test.

## AP Environmental Science

405105

**Grades 11—12, Year**

**Prerequisites:** 2 years of lab science (1 physical, 1 life), Algebra

**Offered At:** Wilcox

Students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.



# Science

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## Biotechnology 1 & 2

403405

**Grades 10-11, Year (UC-D)**

**Prerequisite:** Completion of Biology or concurrent enrollment in Biology

**Offered At:** Santa Clara High School

Biotechnology 1 & 2 is a year long introductory course focusing on proper lab technique and procedure. This class is a Science Elective and is the first class in the Biotechnology Career Pathway. Students will spend 80% of their time in a laboratory setting learning SLOP Technique (Sterile Lab Operating Procedure) as well as introductory biotechnology techniques that every lab worker must master if he or she goes into an academic or corporate lab in pharmaceutical, agricultural, industrial, or instrumentation biotechnology. Students interested in pursuing a career in the rapidly growing field of biotechnology should take this class. Students entering this pathway are encouraged to attend a two-year college to become certificated as biotechnology Lab Assistants or may choose to pursue a four-year degree. Furthermore, this class will prepare students for Biotechnology 3 & 4.

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## Biotechnology 3 & 4

404005

**Grades 11-12, Year (UC-D)**

**Prerequisite:** Completion of Biotechnology 1-2 with a grade of a C or better.

**Offered At:** Santa Clara High School

Biotechnology 3-4 is the second-year course of the six-semester Santa Clara High School Biotechnology Career Pathway. Biotechnology 3-4 is designed to give students an introduction to the scientific concepts and advanced laboratory research techniques currently used in the field of biotechnology. Some of the topics that are explored are biotechnology past and present, the study of characteristics of model organisms, standard laboratory operating procedure, plant biotechnology, synthesizing DNA using PCR, DNA sequencing and genomics, pharmaceutical biotechnology, bioethics of biotechnology, careers in biotechnology, and all aspects of industry. Students will develop laboratory skills, critical thinking, and communication skills currently used in the biotechnology industry. Through extensive reading, laboratory work, students will evaluate career opportunities in the field of biotechnology. Students continuing on this pathway are encouraged to attend a two-year college to become certificated as biotechnology Lab Assistants or may choose to pursue a four-year degree.

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## BSC Earth Science

461005

**Grade 9-12, Year**

**Prerequisite:** IEP

**Offered at:** Santa Clara, Wilcox

Earth science is an activity and lab based class and includes the study of astronomy, plate tectonics, energy in Earth systems, biogeochemical cycles, climate, weather, the atmosphere, and California Geology. The students learn these topics by examining the formation and evolution of the universe, the solar system, the earth, and the oceans. Motion, forces, matter and atomic structures are a few of the topics integrated into the curricula. The course will help students establish a base for wise decision making with respect to an individual's role and responsibility as a consumer in a world with finite resources. Each student will gain a foundation of scientific knowledge, vocabulary, and its application, and be prepared to enter Biology. In addition, state mandated instruction on reproduction, drugs and HIV/AIDS will be included. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

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## BSC Biology

463005

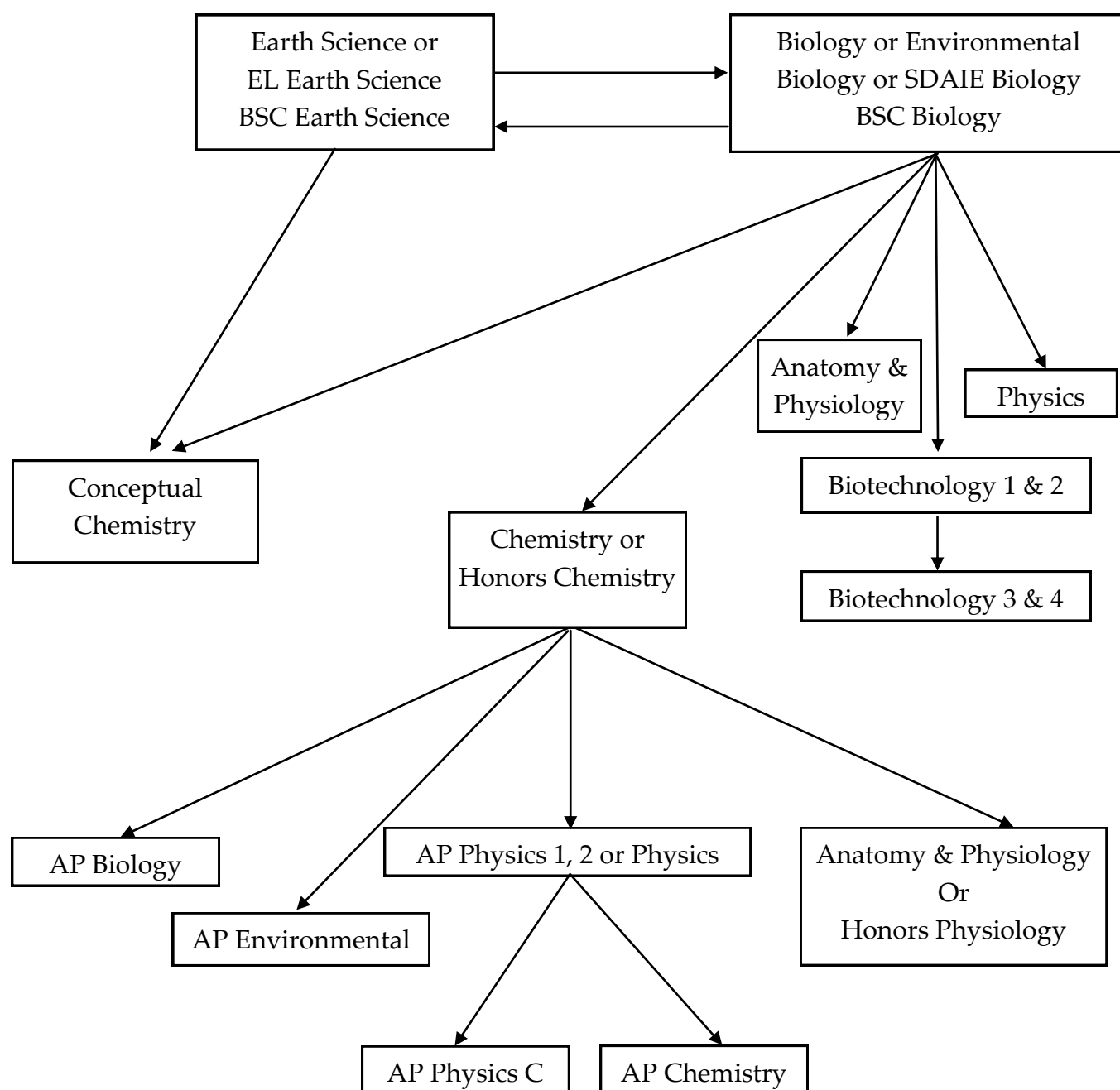
**Grade 9-12, Year**

**Prerequisite:** none

**Offered at:** Santa Clara, Wilcox

Biology is a standards-based, yearlong, laboratory science course, which involves the development and understanding of basic biological principles. The course includes: the cellular basis and chemistry of life, microbiology, genetics, evolution and ecological relationships, and health topics including body systems, reproduction, and HIV/AIDS. Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.

# Science



Advanced Science Investigations  
— can be taken anytime after suc-  
cessfully passing any Science  
course for elective credit only.

Environmental Studies 001  
— offered at night in conjunction  
with a local college.

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# World Language—French

## French 1

502105

**Grades 9-12, Year (UC-E)**

**Prerequisites:** none

**Offered At:** Santa Clara, Wilcox

In this yearlong course, you will communicate right away in an environment filled with the voices and faces of dozens of young French people on video and CD. Your teacher and your peers, they will help you feel comfortable with the sound, rhythm, and melody of this important world language. Dialogues, skits, songs, games, films, and storytelling will all be used to build your French communication skills and to present information about culture in the many French speaking countries. Greet people, describe yourself, your courses, and your likes and dislikes. Tell time, order in a café, tour Paris, and converse about sports, the weather, shopping and much more. You'll be able to write a letter to a real French pen pal or get a key pal on line. The Internet will also be used to provide authentic cultural material. Apprendre le français? Oui, c'est si bon!

## French 2

502205

**Grades 9-12, Year (UC-E)**

**Prerequisite:** French 1 with a "C" or better or consent of instructor

**Offered At:** Santa Clara, Wilcox

In French II, you will increase your understanding of French spoken at normal conversational speed. You will read for meaning and pleasure. You will enjoy informational articles, cartoons, dialogues, humorous scenes, poems, many of which deal with French and francophone peoples, culture and history. You will learn about some French fashion and fashion designers and French writers and artists, too. You will learn many more verbs in the present tense (including reflexive verbs) and you will become very comfortable with talking about the past. You will be speaking more and with increasing confidence. You will expand your skills through games, films, DVD clips, CD listening exercises, songs, poems, skits, interviews and presentations. Finally, you will write in a variety of formats, including descriptions of pictures, paragraphs, letters, post cards, and conversational skits. Continuons a apprendre le francais!

## French 3

502305

**Grades 9-12, Year (UC-E)**

**Prerequisite:** French 2 with a "C" or better or consent of instructor

**Offered At:** Santa Clara, Wilcox

All language skills previously studied will be refined through a variety of activities such as reading and discussing short stories, plays, and / or novels; letter writing, writing of narrative, descriptive, and expository paragraphs, skits, summaries, and reports. Grammatical principles will be reviewed and expanded by the student to ensure fluency in the language. Students will also explore the fascinating world of French art, cuisine, geography, music, and literature. In this course the students will discover more practical uses of French in their personal lives. Amusons-nous à découvrir le monde francophone!





# World Language—ASL

## French 4-5/AP French Language & Culture

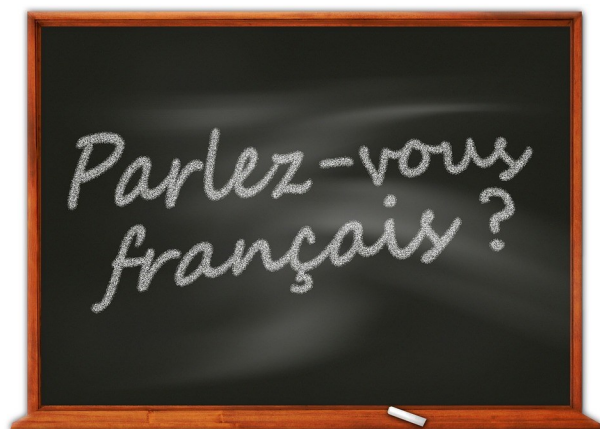
502805

Grades 9-12, Year (UC-E)

**Prerequisite:** French 3 or consent of instructor

**Offered At:** Santa Clara, Wilcox

This course will stress reading comprehension, composition and speaking skills. At the same time, students will review and strengthen their control of French grammar principles. Listening comprehension of the language spoken at a normal pace by a native speaker will be reinforced through the use of music, films and film clips, French news radio and TV websites. Students will also enhance their reading skills through use of authentic materials including newspapers, magazines, comic strips, short stories, poems, short novels, and other genres of literature. Student writing will include short journal entries, summaries of readings and reactions to literature, and essays and compositions on current issues and events. Finally, students will practice their spontaneous and extemporaneous speaking skills through class discussions of current events and daily student life. Students will practice circumlocution and rejoinders to become more automatic in their speaking. Special presentations will include making their own commercials and TV news programs. The AP exam is held every May.



## BSC French 1

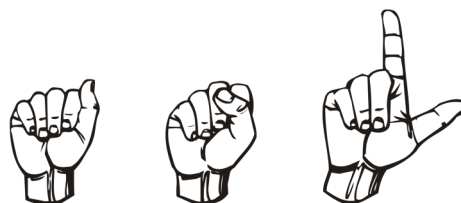
562105

Grade 9-12, Year

**Prerequisite:** IEP

**Offered at:** Santa Clara High School

In this fun, yearlong course, you will communicate right away in an environment filled with the voices and faces of dozens of young French people on video and CD. Your teacher and peers will help you feel comfortable with the sound, rhythm, and melody of this important world language. Dialogues, skits, songs, games, French films, and storytelling will all be used to build your French communication skills and to present information about culture in the many French speaking countries. Greet people, describe yourself, your courses, and your likes and dislikes. Tell time, order in a café, tour Paris, and converse about sports, the weather, shopping and much more. You'll be able to write a letter to a real French pen pal or get a key pal on line. The Internet will also be used to provide authentic cultural material. Le français...c'est tres amusant! Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.



## American Sign Language 1

514105

Grades 9-12, Year (UC-E)

**Prerequisite:** none

**Offered At:** Santa Clara

In this year-long course, students will learn how to use American Sign Language to express ideas about day to day life, the family, and the community. In this language that is different from English, students will be introduced and become proficient in the concept of visual communication. The class will explore Deaf Culture including art and performance as well as learn the history of the Deaf in the United States.

# World Language—Japanese

## Japanese 1

512105

**Grades 9-12, Year (UC-E)**

**Prerequisites:** none

**Offered At:** Wilcox

In Japanese I, you will learn to greet each other right away in the manner that you would use when traveling in a Japanese speaking country. You will learn to express your likes and dislikes, tell about your family and friends, tell time, go shopping, and talk about your daily life activities. Also you will begin learning to read and write Japanese characters. Throughout the year, you will be exposed to Japanese culture by watching videos and celebrating Japanese holidays.

## Japanese 2

512205

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Level 1 with C or better or consent of instructor.

**Offered At:** Wilcox High School

In Japanese 2, you will build on skills you learned in Japanese I. You will learn to talk about the past, invite friends to your party, talk about fashion and school rules, make a commercial, and describe things in detail. You will build writing and reading skills with more vocabulary. Also, you will continue to learn about Japanese culture.

## Japanese 3

512305

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Level 2 with C or better or consent of instructor.

**Offered At:** Wilcox

In Japanese 3 your skills will be refined through a variety of activities. You will read and discuss short stories, and write a play and a personal ad in Japanese. Also, you will interview Japanese people, make a video, write travel plans, talk about your future plans and the difference between Japanese and American high schools, and learn how to consult a doctor. Moreover, you will research about Japanese national holidays and events.

## Japanese 4

512405

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Level 3 with C or better or consent of instructor.

**Offered At:** Wilcox

In Japanese 4, all language skills previously studied will be refined through a variety of activities. You will work on more creative projects that allow you to use your Japanese skills in new ways. This includes: making a video tour of your school and a cooking show, and exchanging letters with a pen pal. Also, you will be able to express more complicated ideas and talk about current events.

## AP Japanese Language and Culture 512805

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Level 3 with C or better or consent of instructor.

**Offered At:** Wilcox

In Japanese 4/AP Japanese, all language skills previously studied will be refined through a variety of activities. You will work on more creative projects that allow you to use your Japanese skills in new ways. This includes: making a video of a cooking show, using internet for research, giving speech, and exchanging letters with a pen pal. Also, you will be able to express more complicated ideas and talk about current issues. Students taking AP Japanese are expected to take the AP Japanese exam in May.



# World Language—Spanish

## Spanish 1

500105

**Grades 9-12, Year (UC-E)**

**Prerequisites:** none

**Offered At:** Gateway, Santa Clara, Wilcox, Wilson

In Spanish 1, you will learn to greet others right away in the manner that you would use when traveling in a Spanish-speaking country. You will learn to express your likes and dislikes, tell about your family and friends, tell time, tell about hobbies and learn about foods, customs and geography of Spanish-speaking countries. You will watch native Spanish speakers as they demonstrate conversational dialogs on videos that accompany the *Descubre 1* textbook. You will learn about the music and dances that are popular with young people in Spanish speaking countries. There will be an opportunity to use technology for cultural research to enhance presentations, for skills practice, and for the creation of original projects. In Spanish 1 you will be evaluated in a variety of ways that support students of different learning styles.

## Spanish 2

500205

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Spanish 1 with a C or better or consent of instructor.

**Offered At:** Santa Clara, Wilcox

Speaking and listening skills will be expanded and refined to reach fluency in more complex conversations of increasing difficulty and to improve written skills. Vocabulary will be expanded with more opportunity to use the spoken language, and further grammatical concepts will be introduced to broaden the basis of the four speaking, listening, reading, and writing skill areas. Students' familiarity with the peoples and customs of Spanish-speaking countries will be enhanced through additional studies of music, art, sports, recreation activities, festivals, history, and geography. Study will include the use of the technology and the internet as well as videos, books, and presentations.

## Spanish 3

500305

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Spanish 2 with a C or better or consent of instructor.

**Offered At:** Santa Clara, Wilcox

All language skills previously studied will be refined through a variety of activities such as: reading and discussing short stories, plays, and/or novels; descriptive and expository paragraphs, skits, oral presentations, reports, and the use of technology. Grammatical principles will be reviewed and expanded by the student to ensure fluency in the language. Communication in Spanish is expected. Activities developed are based on the Essential Lifelong Learning Standards set forth by district and National World Language Standards.

## Spanish for Native Speakers 1

501305

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Oral fluency in Spanish and teacher recommendation.

**Offered At:** Santa Clara, Wilcox

This course is not for students who are not able to understand and participate in a class conducted in Spanish. This course is designed for US born heritage Spanish speakers who can communicate orally, but have not had formal reading and writing instruction in Spanish. The emphasis of the course will be grammar structure and spelling. Students will develop their reading and writing skills in Spanish, through a literature-based program that will allow students to transfer academic skills acquired in their English classes such as: reading and discussing short stories, analyzing and interpreting prose and poetry. The literature-based program will concentrate on Latino authors. This course will be conducted in Spanish.

## Spanish for Native Speakers 2

501405

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Fluency in Spanish and teacher recommendation. Students must have a reading and writing ability between 4-6 grades in Spanish.

*This course is not for students of Hispanic heritage who are monolingual in English.*

**Offered At:** Wilcox High School

This course is designed for native and heritage Spanish speaking students to strengthen and develop their academic reading and writing skills in Spanish. The emphasis will be on grammatical structure, spelling, and correct usage of Standard Spanish. Skills will be refined through a variety of activities such as: reading and discussing short stories, plays and poems, letter writing, and the writing of narrative, descriptive, and expository paragraphs. Students will read a variety of informational and fictional authentic texts. This course helps serve as a pathway to AP Spanish Language.





# World Language—Spanish

## Spanish 3 Honors

500735

**Grades 10-12, Year (UC-E)**

**Prerequisite:** Completion of Spanish 2 with a B or better or consent of instructor.

**Offered At:** Santa Clara High School

This course is an advanced Level 3. All language skills previously studied will be refined at a faster pace through a variety of activities such as reading and discussing short stories, plays, and/or novels, letter writing, descriptive and expository paragraphs, skits, oral presentations, reports, and the use of technology. Grammatical principles are studied to ensure fluency in the language. Communication in Spanish is expected. Activities developed are based on the Essential Lifelong Learning Standards set forth by district and National World Language Standards.

## Spanish 4

500405

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Spanish 3 with a C or better or consent of instructor.

**Offered At:** Santa Clara High School

All language skills previously studied will be refined at a much faster pace through a variety of activities such as reading and discussing short stories, plays, and/or novels, letter writing, descriptive and expository paragraphs, skits, oral presentations, and reports and the use of technology for given activities. Grammatical principles to ensure student fluency in the language will be reviewed and expanded through the use of the textbook, newspapers, magazines and movies. Communication in Spanish will be expected. Activities developed are based on the Essential Lifelong Learning Standards set forth by district and National World Language Standards.

## Spanish 5

500505

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Completion of Spanish 4 with a C or better or consent of instructor.

**Offered At:** Santa Clara High School

Spanish 5 – In-depth writing and review of advanced literature. Analysis of contemporary and short stories and novels. The literature is broken down and discussed in detail, covering themes, main characters, periods in history, conflicts and narration. Presentations, papers and assignments are weighed heavier than those in level four. Current events that deal with the Spanish-speaking world are also part of discussions, debates, writings and presentations. Projects may include a report and presentation of a Mesoamerican culture, music, author and/or book. This course also includes a series of presentations of individualized topics related to our local Hispanic/Latino community. Everything is done in the target language.

## AP Spanish Language & Culture

500805

**Grades 9-12, Year (UC-E)**

**Prerequisite:** Spanish 3 with a B or better or consent of instructor.

**Offered At:** Santa Clara, Wilcox

This course will be the equivalent of a third year college course in advanced Spanish composition and conversation. It stresses oral skills, composition and grammar. Students will participate in extemporaneous oral presentations, demonstrations, oral proficiency interviews, journals, songs, games, watching Spanish television, recorded speech, reading local Hispanic newspaper, and Spanish magazines. Additionally, students will also listen to high-level taped material to hone their comprehension skills. Students must have access to a tape recorder. Tapes will be provided. Spanish dictionaries are also required. Students will have the opportunity to improve their skills in expository writing by learning to control problems of advanced grammar and vocabulary through reading and increased contact hours with Spanish. Students will take part in small and large group discussions on a wide variety of subjects, plus short skits and role-playing situations to help develop confidence in their speaking and comprehension of Spanish. Regular level 4 and 5 will be more literature based. Students will be prepared and strongly encouraged to take the AP exam in May.

## AP Spanish Literature & Culture

501705

**Grades 9-12, Year (UC-E)**

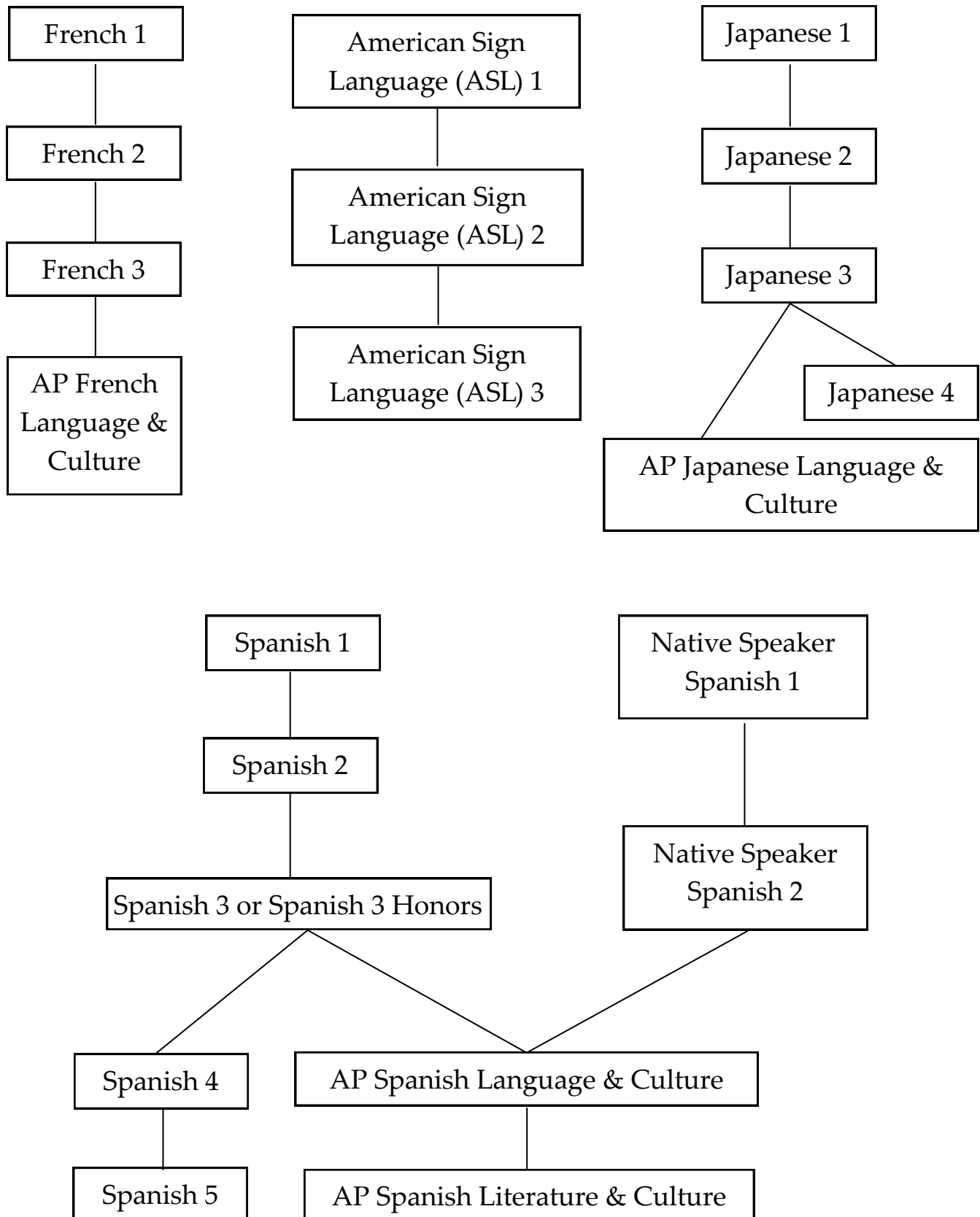
**Prerequisite:** Completion of AP Language or Fluency in Spanish and teacher approval

**Offered At:** Wilcox High School

We use Spanish as the language of instruction to develop competence in the ability to understand, speak, read, and write Spanish and to provide through the knowledge and use of this language a deepened understanding and appreciation of the literature and culture of people from Spain and Latin America. We also explore the social, historical, religious, political, and ideological backgrounds of the authors and their works. Students will read and analyze texts of several genres including poetry, prose and theater. Teachers speak almost exclusively in Spanish and students are expected to use as much Spanish as possible. After completing the AP Spanish Language class the year before or the Spanish for native speakers III class, taught entirely in Spanish, students are prepared to discuss and analyze Spanish and Latin American literature in the target language. Throughout this course students are expected to read works by a variety of authors from Latin America and Spain, while learning about the cultural and historical background of the works, authors and countries. In addition, they will explore social and cultural values of Latin America and Spain.



# World Language



# Physical Education

## Introduction

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22.5 units of Daily Physical Education and 2.5 units of Health/Fitness are required for graduation

## 9th Grade Physical Education 725010

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**Grade 9, Year**

**Prerequisite:** none

**Offered At:** Santa Clara, Wilcox, Wilson

The ninth grade core will cover the following topics: mechanics of body movement, aquatics, fitness, individual and dual sports, team sports, and fitness testing. All ninth grade fitness gram results are reported to the state each year.

## Elective P.E. Activity Classes 725000

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**Grades 10-12, Year**

**Prerequisite:** none

**Offered At:** Santa Clara, Wilcox

The department conducts an "arena registration" at the beginning of each quarter. Students have an opportunity to select from a variety of team and individual activities, weight training, dance and aquatics. All Elective Activity Classes are coed and include the following components:

- Regular physical conditioning with emphasis on the development of cardiovascular endurance and muscle tone.
- Injury prevention and safety considerations specific to the activity.
- Skill development and instruction in rules, strategies, etiquette as needed for successful participation in the class or as indicated by the carry-over potential of the activity.
- Proper use and care of equipment and facilities.
- Organized competitive-cooperative experience as appropriate to the activity.

## Physical Education 725005

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**Grade 10-12, Semester**

**Prerequisite:** none

**Offered At:** New Valley, Wilson

Core class will offer all students the opportunities to participate in individual, dual, and team activities available on school campus. Focus will be on sportsmanship, improved athletic performance, and conditioning.

## Sports Physical Education

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**726005**

**Grades 9-12, Year**

**Prerequisite:** Consent of Instructor

**Offered At:** Santa Clara, Wilcox

Sports P.E. is scheduled 7<sup>th</sup> period for interscholastic sports team athletes, offering gifted students higher levels of conditioning and competition.

## Health Fitness

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**742105**

**Grades 11-12, Quarter Class**

**Prerequisite:** none

**Offered At:** Gateway, New Valley, Santa Clara, Wilson, Wilcox

Students will gain knowledge and understanding of the social, physical, emotional, intellectual, and spiritual aspects of the human body. Topics may include mental and emotional health, family and social health, growth and development, nutrition, personal health and physical activity, alcohol, tobacco and other drugs and finally communicable and chronic diseases. This class satisfies the state mandates for comprehensive health education.



# Visual/Performing Arts - Instrumental

## Band

630105

Grades 9-12, Year (UC-F)

**Prerequisite:** By Audition & Consent of Instructor

**Offered At:** Santa Clara, Wilcox

This course is designed to introduce and develop an understanding of the nature, structure and interpretation of music through rehearsal, analysis and performance of band literature. This course helps students increase their skills in ensemble playing and teamwork as it applies to performance. Band is open to students on all levels who already know how to play a **band** instrument. Co-curricular activities include: winter guard, winter percussion/percussion ensemble, and marching band. Extracurricular activities include: pep band, show orchestra (for musicals), lessons, various ensembles, solos, and department activities.

## Jazz Band

637005

Grades 9-12, Year (UC-F)

**Prerequisite:** Audition and Consent of Instructor

**Offered At:** Santa Clara, Wilcox

Jazz Band explores a large variety of musical styles. Students will be given many opportunities to improvise solos on their instruments. The group performs frequently and learns a large volume of literature. Students will be expected to learn basic music theory and apply it to the literature involved. Individual responsibility, self-directed learning skills, and good practice habits are a must. Ensemble positions are limited.

## String Orchestra

638005

Grades 9-12, Year (UC-F)

**Prerequisite:** By Audition & Consent of Instructor

**Offered At:** Santa Clara, Wilcox

Open to all students who have experience playing a **string** instrument. Students will study a broad range of musical styles. Students will learn about various composers through rehearsing their works and studying biographical information. Extra curricular activities include pit orchestra, string ensembles, solos, lessons, chamber ensembles, and department activities.

## Percussion

635005

Grades 9-12, Year

**Prerequisite:** Consent of Instructor

**Offered At:** Santa Clara High School

The purpose of the percussion class is to facilitate proficiency in 4 major percussion areas: mallets (keyboard), timpani, snare drum, and drum set. Also included will be novelty percussion such as kitchen utensils, body sounds (clapping, snapping, etc.), brooms, garbage cans etc. Included in the course work will be music theory, music history, small group performance, ear training, sight reading, short papers, and performances as part of larger ensembles and as the SCHS Percussion Ensemble. Performances will be held both on campus and off campus.





# Visual/Performing Arts - Vocal



## Chorus

631105

Grades 9-12, Year

Prerequisite: none

Offered At: Santa Clara, Wilcox

Open to all students with an interest in participating in choral group singing, this course provides for individual vocal development and training towards entry into the advanced concert choir / Canta Nova. It is designed to introduce the student to the nature and structure of choral music by rehearsing and performing a variety of choral literature.

## Concert Choir (SCHS)

633005

## Canta Nova (WHS)

632305

Grades 10-12, Year (UC-F)

Prerequisite: Chorus or Audition or Consent of Instructor

Offered At: Santa Clara, Wilcox

An advanced mixed choral group open to all students who have taken chorus and/or successfully passed an entrance audition. This course provides an opportunity to increase awareness of the nature, structure and meaning of music through rehearsal, analysis and performance of a variety of styles of intermediate and advanced choral literature. Extracurricular activities open to members of the choir include: solos, lessons, small vocal ensembles, and music production.





# Visual/Performing Arts - Drama

## Theatre 1

102715

**Grades 9-12, Year (UC-F)**

**Prerequisite:** none

**Offered At:** Santa Clara, Wilcox

An introductory drama course which covers the basic techniques of mime, improvisation, character development, stage movement, memorization, and voice. Additional coursework will cover musical theater, play analysis, film studies, and development, as well as the historical and cultural roots of theatre. Students will be asked to write and perform simple scenes, scripts, and critical reviews of films and live theatrical performances. All students will perform scenes and monologues from culturally diverse drama. The culminating year-end project will be a student showcase.

## Theatre 2

102725

**Grades 9-12, Year (UC-F)**

**Prerequisite:** Consent of Instructor or Audition

**Offered At:** Santa Clara, Wilcox

An advanced project and performance based class where students will explore elements of theatrical productions including advanced acting methods and character development, script analysis, scriptwriting, directing, theatre history and theatrical design. In-class work may include improvisation, in-depth scene work, audition and monologue work, and student directed and designed one-acts.

## Theatre Productions

102705

**Grades 9-12, Quarter**

**Prerequisite:** Consent of Instructor or Audition

**Offered At:** Wilcox High School

Through this course, students will practice the skills required to produce plays and musicals. Whether an actor or technician, students can gain the experience of going from audition to performance in this class. Students must audition for specific roles and/or interview for technical positions, then accept these positions to remain in class. Students are required to rehearse or work many more hours beyond class time, as well as attend all performances.

## Stagecraft

608805

**Grades 9-12, Year (UC-F)**

**Prerequisite:** none

**Offered At:** Santa Clara High School

A production class where students will explore all the elements of backstage productions as it relates to the historical and cultural influences that have shaped the development of modern theatre. Stagecraft coursework will include such topics as stage makeup, costuming, lighting, sound, props, set design and construction, and theatre history. Students will gain hands on experience while developing an artistic perception of how the components of stagecraft influence the overall concepts of theatrical productions. Some experience with hand tools (hammer, screwdriver, etc.) is preferred.



# Visual/Performing Arts - Art

## Introduction to Art

606005

**Grades 9-12, Year (UC-F)**

**Prerequisite:** None

**Offered At:** Wilcox High School

Introduction to Art is a basic art class that is a prerequisite for all other art classes. The students will be able to develop skills in drawing, painting, learn color theory and composition and 2 & 3 dimensional design.

This course covers:

- Instruction in developing those basic skills which are necessary for painting.
- Instruction in developing those basic skills which are necessary for drawing.
- Instruction in developing an awareness of the principles and elements of design.
- Instruction in developing basic skills which are necessary for crafts.
- An awareness of history of art, art appreciation and arts connection to our world.

## Intro to Art—Fine Art/Graphic Design 606005

**Grades 9-12, Year (UC-F)**

**Prerequisite:** None

**Offered At:** Santa Clara High School

Intro to Art –Fine Art/Graphic Design is a year class team taught by two instructors. Students will spend one semester in a class where media is more traditional, (painting, pencil drawing and ceramics), and one semester in a class where Commercial Art and Graphic Art is emphasized, (printmaking, computer graphic design and package design). Both classes will encourage a heightened awareness of color theory, design principles, composition and the creative process. Each class will help students become more confident when making esthetic judgments and expressing themselves with visual statements.

## Sculpture

603105

**Grades 10-12, Year**

**Prerequisite:** Intro to Art or Ceramics

**Offered At:** Wilcox High School

In this course students will explore the use of different media to create 3-D sculptures. Students will learn about different artists and their motivation to create their art; furthermore, they will be exposed to a variety of media, techniques, vocabulary and processes. Students will develop their visual communication skill to create art that connects to their personal and world experiences.

## Painting and Drawing

607105

**Grades 10-12, Year (UC-F)**

**Prerequisite:** Intro to Art with a "C" or better or teacher consent

**Offered At:** Santa Clara, Wilcox

Painting and Drawing will provide more advanced instruction in drawing, painting and composition. Students will apply these skills while exploring a variety of art styles that relate to art history and studio application.

## Painting 2

607205

**Grades 11-12, /Year (UC-F)**

**Prerequisite:** Painting and Drawing

**Offered At:** Santa Clara, Wilcox

This is a third year course which provides an opportunity for the more serious art student to pursue art in an in-depth method. Students will be working with assignments that go beyond skill development into more in-depth expression.







# Visual/Performing Arts— Art

## AP Studio Art: Drawing

600705

**Grades 11-12, Year (UC-F)**

**Prerequisite:** Intro to Art, Drawing and Painting, and teacher consent

**Offered At:** Wilcox High School

AP Studio Art students do not take a written exam, but submit a portfolio of their work to be evaluated by the College Board at the end of the school year. The portfolios are scored on a six point rubric scale. The course addresses three major concerns in the teaching of art: (1) a sense of quality in a student's work; (2) the student's concentration on a particular visual interest or problem; and (3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist. The structure of the portfolio is divided into three sections: quality, concentration, and breadth. This course is recommended for serious, self-directed art students, willing to produce a large volume of quality work. The portfolio can be completed over two years, and started in the Drawing and Painting class, which meets concurrently. For more information about AP Studio Art, go to the College Board website at [apcentral.collegeboard.com](http://apcentral.collegeboard.com).

## Ceramics 1

601005

**Grades 10-12, Year (UC-F)**

**Prerequisite:** Intro to Art/Graphic Design

**Offered At:** Santa Clara, Wilcox

Students will be given instruction in the three basic hand-building techniques: pinch, coil, and slab construction. They may also have the opportunity to learn how to use the potter's wheel. Several methods of decorating will be taught as well as glazing techniques. Students will learn ceramic vocabulary, terms, methods, and procedures. Students will make objects that include: lidded jars, cups, covered dishes, bottle forms, plates, boxes, and pieces of sculpture.

## Advanced Ceramics

601105

**Grades 11-12, Year**

**Prerequisite:** Ceramics 1 with grade of A or Instructor Approval

**Offered At:** Wilcox High School

Students will receive advanced instruction designed to refine both hand building and wheel throwing techniques. Students will also explore advanced methods of surface decoration. Students will have the opportunity to learn to mix glazes and load and fire kilns. Students will be required to plan, design, and make special projects.

## ROP Video Production

712105

**CTE Pathway: Media, Arts and Entertainment**

**Grades 10-12, Semester/Year**

**Prerequisite:** Consent of Instructor

**Offered At:** Santa Clara, Wilcox

Video Production is a year long course in which students will learn the foundations of video production: developing an idea or story, preproduction planning, video photography, lighting and basic sound, and digital postproduction using video editing software. Students will learn to evaluate film and videos, will learn essential knowledge of copyright laws as they pertain to video production and ethical issues in media, and will learn to create a variety of published video projects. Because of the equipment available for student use and the open structure of the class, enrollment occurs only with the consent of the instructor. This class may be repeated with instructor approval.



# Visual/Performing Arts— Art

## ROP Computer Animation

712405

CTE Pathway: Media, Arts and Entertainment

Grades 11-12, Year, (UC-F)

**Prerequisite:** Intro to Art/Computer Graphic Design

**Offered At:** Santa Clara High School

Digital Animation students will study the basic principles of animation and develop the skills needed to be an animator. The class will look into the history of animation and study the principles of animation. We will create hand-drawn animations that will be completed in Flash and iMovie and exported as swf animations that will be ready for use on the internet and other video formats. Students will refine their animation skills by incorporating the principles of animation while working with these state-of-the-art applications. Students in this class will also benefit from partnerships with the Animation program at SJSU, DreamWorks Animations Studios and field trips to area museums and studios.

## ROP Photography

670105

CTE Pathway: Media, Arts and Entertainment

Grades 11-12, Semester (UC-F)

**Prerequisite:** None

**Offered At:** Santa Clara High School

This is an introductory class in digital photography. Students will learn to use digital camera, process the images in Adobe Photoshop, and handle the digital images in various ways. Students will learn good photo composition, different types and purposes for photographs, and will look at the best photography now and over the last century. This course can be repeated.



## Computer Graphic Design

712005

CTE Pathway: Media, Arts and Entertainment

Grades 10-12, Year (UC-F)

**Prerequisite:** Intro to Art, Tech Literacy

**Offered At:** Santa Clara High School

In Computer Graphic Design, students will expand on the basic concepts they have learned in their Introduction to Art class. In the first semester, students will work individually and in small groups to complete assignments. Projects will combine traditional artistic concepts with elements of graphic design and extensive use of computers. The second semester will focus on web site design with students creating digital images to incorporate into web pages. Students will use concepts from previous lessons to address the unique issues of designing for the web and will create fully functioning web sites of their own.

## PRT Art

629005

Grade 9-12, Year

**Prerequisite:** IEP

**Offered at:** Wilcox

Introduction to Art is a basic art class that is a prerequisite for all other art classes. The students will be able to develop skills in drawing, painting, learn color theory and composition and 2 & 3 dimensional design.

This course covers:

- Instruction in developing those basic skills which are necessary for painting.
- Instruction in developing those basic skills which are necessary for drawing.
- Instruction in developing an awareness of the principles and elements of design.
- Instruction in developing basic skills which are necessary for crafts.
- An awareness of history of art, art appreciation and arts connection to our world.

Students with active IEPs will receive appropriate modifications and accommodations to access the curriculum described above.



**Notes:**

# Electives

## Electives

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Electives are any courses from any subject area that a student takes and goes beyond the high school graduation requirements. As an example, students are required to take one year of a World language to graduate from high school. If a student chooses to take 3 years of World language then 2 of the years of World language will count as electives and will count as elective credits.

In this section you will find elective courses that do not fall into the previous categories of English, Math, Social Science, etc.

**Note:** To fulfill the required high school graduation requirements for Visual/Performing Arts and Practical Arts a student must earn 15 credits. This can be done in one of two ways:

1. Five credits can be earned from a Practical Arts class and ten credits from a Visual/Performing Arts class or
2. Five credits can be earned from a Visual/Performing Art class and ten credits can be earned from a Practical Arts class.

## CTE Electives

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### Career Technical Education (CTE)

Many SCUSD electives are classified as CTE electives. A CTE program of study involves a multiyear sequence of courses within a career pathway that integrates core academic knowledge with technical and occupational knowledge to provide students with a pathway to many post-secondary, college and career opportunities.. Many of the CTE courses include opportunities for students to participate in leadership preparation and competitions within Career Technical Students Organization (CTSOs) at a local, State and National level. CTE Classes are classes that:

- prepare students to continue on to post-secondary education with expertise in specific areas.

## CTE Electives Cont.

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- may articulate with local community colleges so students can potentially earn college and high school credits together.
- support high academic standards. The goal is to help students value the basics - reading writing, math, science, and communication skills - by providing experiences that allow them to apply what they are learning in practical ways both inside and outside the classroom.
- include career exploration. Exposing students to career information, options, and experiences helps them discover possibilities the world offers, imagine what they want to do and reach their goals.
- are designed to offer students exposure to a broad range of career opportunities, access to relevant and rigorous educational programs that help them achieve their career aspirations, and opportunities to benefit from workplace learning experiences.

SCUSD offers elective courses in the following Career Technical Education (CTE) Pathways:

- Business and Finance
- Media, Arts and Entertainment
- Information & Communication Technologies
- Building & Construction Trades
- Hospitality, Tourism and Recreation
- Fashion and Interior Design
- Transportation
- Health Science and Medical Technology
- Education: Child Development and Family Services





# Electives

## Leadership

751105

Grades 9-12, Year

**Prerequisite:** none

**Offered At:** New Valley, Santa Clara, Wilcox

Leadership is a class designed for the student council of each school. The course focuses on developing leadership skills, such as organization, public speaking, and effective meeting management. The students in the course are expected to coordinate, participate in, and/or promote the school's student activities, academic programs, community outreach, and school improvement efforts.

## Foundations

713115

Grade 9, Semester

**Prerequisite:** none

**Offered At:** Santa Clara

Students will learn skills and strategies for improving their academics as well as relationships with peers, family and teachers. Topics include lifelong learning skills, problem-solving, goal-setting, career exploration, personal responsibility and conflict-resolution.



## Construction 1

674205

CTE Pathway: Building & Construction Trades

Grade 9, Year

**Prerequisite:** none, satisfies Practical Arts requirement

**Offered At:** Santa Clara

In this course students will learn basic safety skills on the major equipment, work with wood and hone wood working skills. Students will also learn how to read project plans and build projects from those plans. Students will be graded on the quality of work that they can safely complete in the semester

## Construction 2

674305

CTE Pathway: Building & Construction Trades

Grade 10-12, Year

**Prerequisite:** Construction 1

**Offered At:** Santa Clara

This course is designed as an advanced woodworking course that investigates the art of woodworking, its related fields and safety strategies. This course will cover both hand and machine woodworking tools to develop advanced skills and techniques for use in the woodshop setting. Projects may include: tool handles, napkin ring, bottle stopper, bud vase, candlestick, three legged stool, carving mallet, spin tops, baseball bat, first bowl, first platter, working with green wood, turning a natural edge bowl, and advanced flat work with teacher approval.

## Journalism

102505

Grades 9-12, Semester/Year (UC-G)

**Prerequisite:** Consent of Instructor

**Offered At:** Santa Clara, Wilcox

While managing all aspects of publishing a print newspaper and online news site, students will acquire skills in researching, reporting, interviewing, writing and revising. They will practice writing in various journalistic genres, from news stories to features, with an emphasis on meeting professional journalistic standards for quality, accuracy and balance. Those who would like to specialize or pursue more advanced journalism will further develop skills in editing, in-depth reporting, photojournalism, graphic illustrations, or newspaper/web design. This course may be repeated for district graduation credit. It currently does not meet the requirements for English.

# Electives

## Yearbook

609005

Grades 9-12, Semester/Year

**Prerequisite:** Consent of Instructor

**Offered At:** Santa Clara, Wilcox

The publication of the yearbook is the end result of an intense year of work. Students learn desktop publishing techniques with text and photos as they write, edit, layout pages, and proofread. Other skills include marketing, distributing, budgeting, and seeking advertising to offset production costs.

## Video Game Design

715100

CTE Pathway: Media, Arts and Entertainment

Grades 10-12, Year

**Prerequisite:** Digital Media 1, Connectivity & Cybersecurity, Exploring Computer Science or instructor consent

**Offered At:** Santa Clara

In this introductory course, students will have hands-on experience creating and modifying 2D and 3D video games. Students will learn to design, create, test and debug video games and learn the game development process. No programming skills are needed to succeed in this course. Students will also learn basic video game concept art using industry standard 3D modeling and animation software.

## Robotics

714100

CTE Pathway: Information & Communication

Technologies

Grades 10-12, Semester

**Prerequisite:** none, satisfies Practical Art requirement.

**Offered At:** Santa Clara

This course is designed to introduce students to basic robotics through lectures and implementation of Lego NXTs. Students will start with the Lego NXT training missions, then move on to challenges, and finally a class competition. By the end of the class, students should be able to design, simulate, build, and program a robot..

## Business Skills & Careers

654015

Grades 9-10, Semester

**Prerequisite:** none

**Offered At:** Santa Clara, Wilcox, Wilson

Business Skills & Careers is a one-semester course that tackles the real-world topics of career exploration and preparation, including job search, career documents (resume, cover letter), interviewing skills and what it takes to succeed in the working world. Additionally, students will study and put into practice the "soft skills" – communication, teamwork, leadership, and respect of diversity – that are an essential part of any career.

## Academic Peer Tutoring

752345

Grades 10-12, Year

**Prerequisite:** Earned A's and B's in "specialty" academic subject. For AP tutors, successful completion of an AP class with a grade of B or higher.

**Offered At:** Santa Clara, Wilcox

Students will learn peer coaching and tutoring skills, and provide individual and small group tutorial support to peers in your "specialty" academic subject: English, Mathematics, Science or Social Science at any level, including AP.

## AP Support

717650

Grades 11-12, Year

**Prerequisite:** none

**Offered At:** Santa Clara, Wilcox

For students enrolled in an AP class for the first time, this class provides individual and small group tutorial support as well as study skills and test taking practices.

*AVID students receive this support through their AVID classes.*



# Electives

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## BSC Study Skills

770105

Grade 9-12, Year

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

The Study Skills class is offered to all special education students assigned to regular classes for the majority of the day. A tutorial approach is incorporated in the various activities in order to promote success in regular classes. Students also receive assistance in organization, listening, study skills, and competency preparation. Teachers have the opportunity to monitor progress in regular classes on a daily basis. This course satisfies 5 units of the elective graduation requirements and may be repeated.

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## FND Study Skills

770605

Grade 9-12, Year

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

The Study Skills class is offered to all special education students assigned to regular classes for the majority of the day. A tutorial approach is incorporated in the various activities in order to promote success in regular classes. Students also receive assistance in organization, listening, study skills, and competency preparation. Teachers have the opportunity to monitor progress in regular classes on a daily basis. This course satisfies 5 units of the elective graduation requirements and may be repeated.

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## SE Study Skills

771105

Grade 9-12, Year

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

A tutorial approach is incorporated in the various activities in order to promote success in regular classes. Students also receive assistance in organization, listening, study skills, and competency preparation. Subject matter will be determined based on individual goals.

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## PRT Living Skills

771225

Grade 9-12, Year

Prerequisite: IEP

Offered at: Santa Clara, Wilcox

Students will learn the essential knowledge strands necessary for independent living: food preparation, use of money, social interactions, pre-vocational and vocational skills, and the utilization of public transportation, stores, services, and recreational facilities. Skill level and subject matter will be determined by individual's stated goals.

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## PRT Vocational Training

771215

Grade 9-12, Year

Prerequisite: IEP

Offered at: Wilcox

Students participate in a pre-vocational/vocational training program. These training programs allow the staff the opportunity to supervise and train students, teaching job skills and determine potential for community job placement.

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## BSC Social Cognition/Study Skills

770205

Grade 9-12, Year

Prerequisite: IEP

Offered at: Santa Clara

This class is offered to all students with IEPs or 504s interested in developing social skills.. This yearlong course emphasizes the development of interpersonal, problem-solving, conflict resolution, and survival skills. It uses curriculum taken from Michelle Garcia Winner's social thinking clinic augmented by other materials as needed. Instruction is mostly project based, open forum discussions, use of presentation, debate, or skits with high student participation. A portion of class time is also devoted to tutorial help for academic classes.

# Electives—A.V.I.D.

## AVID 1

107115

### Grade 9, Year

**Prerequisite:** Application and Screening by AVID coordinator and Site Team

**Offered At:** Santa Clara, Wilcox

AVID (Achievement Via Individual Determination) is a four-year elective class aimed at helping capable first-generation college bound students and underrepresented students succeed academically and qualify for admission to four year colleges and universities. The AVID 9th grade program teaches students study skills, time management, self-esteem, and writing strategies to apply across the curriculum. Tutoring by peers and college students, guest speakers and field trips included as part of the curriculum.

## AVID 2

107225

### Grade 10, Year

**Prerequisite:** Application and Screening by AVID coordinator and Site Team

**Offered At:** Santa Clara, Wilcox

AVID 10th grade program reinforces the study skills learned, self-esteem building, and writing strategies applicable across the academic curriculum. Special focus is put on preparation for the PSAT test in October and other standardized tests. Students investigate career choices to help determining college and major interests. Tutoring by peers and college students, guest speakers and fieldtrips are included as part of the curriculum.

## AVID 3

107335

### Grade 11, Year

**Prerequisite:** Application and Screening by AVID coordinator and Site Team

**Offered At:** Santa Clara, Wilcox

AVID 11th grade program stresses improving academic GPA as colleges and university carefully examine 11th grade report cards. Students will take at least one college entrance test (SAT/ACT) and continue to investigate college choices. By the end of the junior year, AVID students should have narrowed their choice of colleges to three or four. Students will continue to improve their writing skills. Investigation of the college application process (filling out sample financial aid forms and writing practice entrance essays) will take place. Students will continue to investigate careers to help in determining college majors and minors. A college portfolio of sample college applications and sample essays will serve as a culminating assessment project for the year.

## AVID 4

107445

### Grade 12, Year

**Prerequisite:** Screening by AVID coordinator

**Offered At:** Santa Clara, Wilcox

AVID 12th grade program is the culmination of the student's years in AVID. The first semester is devoted to the application process and gaining admission to the college/university of choice. This includes the application, filling out financial aid forms and required entrance essays. If needed, students can retake the SAT/ACT or required SAT II exams. During tutorial sessions, students continue to receive peer and college student assistance. Students will continue to improve their writing skills as well as learn how to become a successful college student. The second semester includes preparation for college placement exams, review of note-taking techniques for college courses, continued career exploration and culminating project in student's field of study. Students explore classes and schedules on-line of schools they plan to attend.

## AVID Junior/Senior Seminar

107545

### Grades 11-12, 2 Years (UC-G)

**Prerequisite:** Screening by AVID coordinator

**Co requisite:** Current enrollment in at least one honors or Advanced Placement class offered at Wilcox and accepted by the UC/CSU in both the 11th and 12th grade.

**Offered At:** Wilcox High School

The AVID Seminar course is a two-year interdisciplinary course for AVID juniors and seniors. The course is designed to prepare students for the rigor of college level work. The course is organized around the theme of "Leadership as a Catalyst for change in society." Students study, in depth, exceptional leaders in contemporary society and examine the effect these individuals have had on culture, politics, education, history, science and the arts. Higher level thinking, reading, writing and speaking skills are refined to prepare students for producing a culminating research project at the end of the senior year. Students read essays, speeches, articles, and letters by the leaders, as well as at least three full-length works by leaders or about leaders during the two years. Each student is required to conduct and present a research project in the Senior Year. The culminating project requires that students examine a particular leader's life and accomplishments in relation to the student's own possible career goals and aspirations. In addition the juniors and seniors will work on all of the grade level appropriate college preparation issues such as SATs, ACTs, AP tests, college applications and essays and financial aid. Students in Seminar do receive tutorial time with an emphasis on preparing for AP tests.



# CTE: Automotive Technology

Career technical education (CTE) engages all students in a dynamic and seamless learning experience resulting in their mastery of the career and academic knowledge and skills necessary to become productive, contributing members of society. Courses fulfill practical art credit.

## Small Engines

659005

**CTE Pathway:** Transportation

**Grades 9-12, Year**

**Prerequisite:** None

**Offered At:** Wilcox

The student in this Small Engines course will develop knowledge, skills, and self-confidence in the operation and maintenance of a small internal combustion engine. S/he will be able to identify and describe the six systems of the engine. The student will be able to demonstrate analytical and problem solving skills that are desirable in career placement and additional training. S/he will be able to communicate procedures for preventative maintenance and engine storage. The student will be able to identify and wisely select for purchase the appropriate two-stroke or four-stroke engine for use in construction, transportation, emergency management, and leisure activities. During the course, the student will work collaboratively and follow a procedure to test run, disassemble, inspect, reassemble, and test run again a Briggs & Stratton 3 horsepower air cooled engine. The student will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful for employment in businesses that utilize small engines, equipment sales, or engine repair.



## ROP Auto Special Projects

651605

**CTE Pathway:** Transportation

**Grades 11-12, Semester**

**Prerequisite:** Instructor's Approval

**Offered At:** Wilcox

This course gives the prevocational student the opportunity to work on his own in a job type situation. There will be no more than three special projects students in any class. The student will work on his own projects three days a week and on shop related projects two days a week. Maturity and the ability to work without direct supervision are required. There is a materials fee. The student is graded with an on-the-job type paycheck system. This course satisfies the practical arts graduation requirement.

## ROP Preventative Maintenance

659105

**CTE Pathway:** Transportation

**Grades 10-12**

**Prerequisite:** None

**Offered At:** Wilcox

The first semester, Preventative Maintenance, students will develop knowledge, skills and confidence to service an automobile to keep it in running efficiently, economically, and with a low environmental impact. S/he will be able to identify and describe and perform the basic preventative maintenance procedures such as oil/filter change, checking and maintaining fluid levels, tire maintenance and rotation, basic battery care, and general car care. The student will be able to demonstrate analytical and problem solving skills that are desirable in career placement and additional training. S/he will be able to communicate procedures for preventative maintenance and general car care. The student will be able to identify and wisely select for purchase the appropriate maintenance materials such as oils and lubricants, engine coolant, batteries, tires, shock absorbers and struts, brake components, and car care products. During the course, the student will develop skills for using hand tools and basic automotive shop equipment. Students will demonstrate problem solving techniques and logical sequences for completing maintenance tasks. Students will work collaboratively to complete tasks such as using shop references and service manuals, servicing vehicles, and maintaining a safe shop environment. The students will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful in employment in the automotive industry.

# CTE: Automotive Technology

## ROP Engine Systems 651445

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**CTE Pathway:** Transportation

**Grades 10-12**

**Prerequisite:** None

**Offered At:** Wilcox

Engine Systems, students will develop knowledge, skills, and self confidence in identifying and describing the mechanical systems of a modern automotive engine. Students will be able to perform basic maintenance and repair of automotive engine systems that include lubrication system, cooling system, fuel system, engine management systems, and gaskets and seals. S/he will be able to identify and describe the function of components for each system. The student will be able to demonstrate analytical and problem solving skills that are desirable in career placement and for additional training. S/he will be able to communicate procedures for maintenance and repair of engine systems. The student will be able to identify and wisely select appropriate maintenance and repair parts and procedures. During the course, the student will work collaboratively while completing class work, lab activities, and special projects. The students will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful in employment in the automotive industry.

## ROP Chassis Systems \* 651435

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**CTE Pathway:** Transportation

**Grades 11-12, Semesters**

**Prerequisite:** C or better in Preventative Maintenance and Engine Systems or instructor's approval

**Offered At:** Wilcox

The students in this Chassis System class will develop knowledge, skills, and self confidence in maintaining and repairing automotive chassis systems that include brakes, steering and suspension and alignment. S/he will be able to identify and describe the function of components for each system. The student will be able to demonstrate analytical and problem solving skills that are desirable in career placement and for additional training. S/he will be able to communicate procedures for maintenance and repair of brakes, steering and suspension systems, and wheel alignment. The student will be able to identify and wisely select appropriate maintenance and repair parts and procedures. During the course, the student will work collaboratively while completing class work, lab activities, and special projects. The students will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful in employment in the automotive industry.

## ROP Powertrain Systems \* 651705

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**CTE Pathway:** Transportation

**Grades 11-12, Semesters**

**Prerequisite:** C or better in Preventative Maintenance and Engine Systems or instructor's approval

**Offered At:** Wilcox

The students in this powertrain class will develop knowledge, skills, and self confidence in maintaining and repairing automotive powertrain systems that include power train design layout, manual and automatic transmissions and transaxles, CV joints, U-joints, differentials, axles, electronic controls, and alternative/hybrid systems. S/he will be able to identify and describe the function of components for each system. The student will be able to demonstrate analytical and problem solving skills that are desirable in career placement and for additional training. S/he will be able to communicate procedures for maintenance and repair of powertrain systems. The student will be able to identify and wisely select appropriate maintenance and repair parts and procedures. During the course, the student will work collaboratively while completing class work, lab activities, and special projects. The students will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful in employment in the automotive industry.







# CTE: Automotive Technology

## ROP Engine Performance \*

651305

CTE Pathway: Transportation

Grades 11-12, Semesters

**Prerequisite:** C or better in Preventative Maintenance and Engine Systems or instructor's approval

**Offered At:** Wilcox

Students in Engine Performance class will develop knowledge, skills, and self confidence in maintaining and repairing automotive systems controlling engine performance. S/he will be able to identify and describe the function of components and systems controlling the engine. These systems include air intake monitoring systems, the fuel delivery system, ignition control system, and emission control systems. Students will be able to demonstrate analytical and problem solving skills that are desirable in career placement and for additional training. S/he will be able to communicate procedures for maintenance and repair of engine performance systems. The student will be able to identify and wisely select appropriate maintenance and repair parts and procedures. During the course, the student will work collaboratively while completing class work, lab activities, and special projects. The students will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful in employment in the automotive industry.

## ROP Electrical Systems \*

659205

CTE Pathway: Transportation

Grades 11-12, Semesters

**Prerequisite:** C or better in Preventative Maintenance and Engine Systems or instructor's approval

**Offered At:** Wilcox

Students in Electrical System class will develop knowledge, skills, and self confidence in maintaining and repairing automotive electrical systems that include charging system, starting system, chassis electrical system, and automotive computers, automotive accessories, and hybrid systems. S/he will be able to identify and describe the function of components for each system. The student will be able to demonstrate analytical and problem solving skills that are desirable in career placement and for additional training. S/he will be able to communicate procedures for maintenance and repair of electrical system. The student will be able to identify and wisely select appropriate maintenance and repair parts and procedures. During the course, the student will work collaboratively while completing class work, lab activities, and special projects. The students will practice shop safety, use tools properly, and maintain a clean, environmentally favorable work area. The skills developed will be useful in employment in the automotive industry.

\* Articulated with De Anza Community College





## Notes

**Notes:**

[illegible]



# CTE: Biotechnology

## Biotechnology 1 & 2

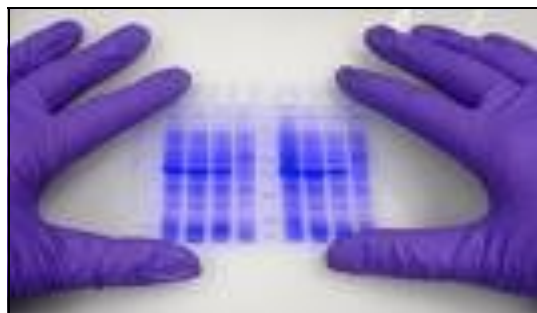
403405

**CTE Pathway: Health Science and Medical Technology**  
**Grades 10-12, Year (UC-D)**

**Prerequisite:** Completion of Biology or concurrent enrollment in Biology

**Offered At:** Santa Clara High School

Biotechnology 1 & 2 is a year long introductory course focusing on proper lab technique and procedure. This class is a Science Elective and is the first class in the Biotechnology Career Pathway. Students will spend 80% of their time in a laboratory setting learning SLOP Technique (Sterile Lab Operating Procedure) as well as introductory biotechnology techniques that every lab worker must master if he or she goes into an academic or corporate lab in pharmaceutical, agricultural, industrial, or instrumentation biotechnology. Students interested in pursuing a career in the rapidly growing field of biotechnology should take this class. Students entering this pathway are encouraged to attend a two-year college to become certificated as biotechnology Lab Assistants or may choose to pursue a four-year degree. Furthermore, this class will prepare students for Biotech Chemistry and Biotechnology 3 & 4.



## Biotechnology 3 & 4

404005

**CTE Pathway: Health Science and Medical Technology**  
**Grades 10-12, Year (UC-D)**

**Prerequisite:** Completion of Biotechnology 1-2 with a grade of "C" or better, or completion of AP Biology.

**Offered At:** Santa Clara High School

Biotechnology 3-4 is the second-year course of the six-semester Santa Clara High School Biotechnology Career Pathway. Biotechnology 3-4 is designed to give students an introduction to the scientific concepts and advanced laboratory research techniques currently used in the field of biotechnology. Some of the topics that are explored are biotechnology past and present, the study of characteristics of model organisms, standard laboratory operating procedure, plant biotechnology, synthesizing DNA using PCR, DNA sequencing and genomics, pharmaceutical biotechnology, bioethics of biotechnology, careers in biotechnology, and all aspects of industry. Students will develop laboratory skills, critical thinking, and communication skills currently used in the biotechnology industry. Through extensive reading, laboratory work, students will evaluate career opportunities in the field of biotechnology. Students continuing on this pathway are encouraged to attend a two-year college to become certificated as biotechnology Lab Assistants or may choose to pur-



# CTE: Business Technology

## ROP Introduction to Business \*\*

653005

CTE Pathway: Business and Finance

Grades 11-12, Semester

**Recommended:** Marketing Essentials

**Offered At:** Wilcox High School

In this business course, students will examine the role of business in today's economy, business ethics and social responsibility, organizational structures, and business in an international marketplace. Additionally, students will learn how business affects each of them personally and will take an up close and personal look at consumerism, budgeting, credit, banking, and investment. Saving for college, buying a home or car, retirement plans, taxes and the stock market

## Principles of Financial Literacy

685305

CTE Pathway: Business and Finance

Grades 10-12, Semester

**Offered At:** Wilcox High School

Financial Literacy is a one semester course that enables students to get a head start on taking control of their financial lives. Students who take charge of their finances are better prepared to invest in themselves and cope with the financial ups and downs that life will bring. In this course, students will examine how to manage their money through well-planned budgets, build and sustain credit, set financial goals and make good financial decisions, prepare for taxes, and save/invest in their future.

## ROP Retail Sales

753305

CTE Pathway: Business and Finance

Grades 10-12, Semester

*Students may earn up to 15 units per Semester. This class can be taken for four Semesters and up to 60 units.*

**Prerequisite:** Students who are 16 years of age and who are employed at least 12 hours a week at an approved job station. Approval of the Retail Sales coordinator is required for enrollment.

**Offered At:** New Valley, Santa Clara, Wilcox, Wilson

The Retail Sales Program is designed to give students an opportunity to discover career interests and to develop skills at a business or industrial workstation. This cooperative program includes training with pay, school credit, school and employer supervision, career exploration and counseling, personal finance, and employment cycle skills.

## ROP Marketing \*\*

666105

CTE Pathway: Business and Finance

Grades 11-12, Semester

**Recommended:** Requirement if taken with ROP Introduction to Business)

**Offered At:** Wilcox High School

This is an exciting field with unlimited opportunities. In this course, students will examine the importance of marketing as a function of business and the ways in which it affects consumers, producers, and society as a whole. Specific topics include the marketing concept, the role of market research in identifying target markets and reaching customers, the sales process, product mix and product positioning, pricing strategies, the role of promotion, advertising media and public relations, and product placement/distribution. The capstone project for this course will be the completion of a group marketing plan.



\*\* Articulation agreement with



# CTE: C.H.A.M.P. Pathway

## Introduction to C.H.A.M.P.S.

677605

Grade 9, Year

Prerequisite: none

Offered At: Wilcox High School

C.H.A.M.P.S., which stands for Culinary Art, Hospitality, and Management Preparation is a program at Wilcox High School where students learn about the Hospitality Management industry, including some training in Culinary Arts. The introductory class is a semester long overview of the program, covering basic nutrition, safety and sanitation, culinary math including weight and measures, basic knife skills, a synopsis of the hospitality industry, and the fundamentals of baking and egg cookery. Part of the learning takes places in our full professional kitchen, while class-room work is partially done in the adjacent dining room of the student run Alternative Café.

## ROP C.H.A.M.P. 1

677025

CTE Pathway: Hospitality, Tourism and Recreation

Grades 9-10, Year

Prerequisite: none

Offered At: Wilcox High School

This one year course is designed for first year culinary students and will provide them with a solid foundation of Food Service and Hospitality operations. The primary topics covered will be college and career opportunities, employability skills, basic food preparation, techniques and procedures, food safety and sanitation, nutrition and introduction to customer service and professionalism.

## ROP C.H.A.M.P. 2

677035

CTE Pathway: Hospitality, Tourism and Recreation

Grade 10-12, Year

Prerequisite: C.H.A.M.P. 1 or consent of teacher

Offered At: Wilcox High School

This one year course is a 2 period block. It is designed for students with some culinary experience. The class will focus on more advanced concepts within the Food Service and Hospitality industry. Emphasis will be on participation in operating our student-run food service operation, the Alternative Café. Students will learn the fundamentals of food costing, menu planning and design, purchasing, scheduling, quantity and quality food preparation and management concepts.

## ROP C.H.A.M.P. 3 \*\*

677045

CTE Pathway: Hospitality, Tourism and Recreation

Grades 11-12, Year

Prerequisite: C.H.A.M.P. 1 or 2

Offered At: Wilcox High School

This is the Hospitality Management advanced course. It is designed to be the culminating course of the career pathway and will include focus on management concepts and issues in the workplace, a restaurant design project, portfolio development and 4 year college and/or Culinary Academy/ Art Institute application preparation.

*\*\* Articulation agreement with Mission*



# CTE: Home Economics

## ROP Fashion Design 655605

### ROP Fashion Design 2 655705

CTE Pathway: Fashion and Interior Design

Grades 9-12, Year

Prerequisite: none

Offered At: Wilcox High School

**Year 1:** Introduces students to the world of fashion—*what* we wear, *why* we wear it, *who* sets the styles, and *how* the styles are produced. Topics include sewing equipment/machines, history of fashion, design elements & principles, clothing fibers & textiles, clothing construction techniques, fashion sketching, careers in the fashion industry, and job search skills. Four major student/teacher selected clothing projects will be completed during the year plus other small projects. A student fashion show caps off the year.

**Year 2:** Students gain more knowledge/skills for the fashion world as they work with industry production methods and more challenging techniques and fabric to complete 4 garments. Textile types/finishes/embellishments will be studied and will be the focus of several projects. Fabric draping and flat pattern methods will be introduced. Marketing and merchandising aspects will also be covered. Students will take the lead in planning and presenting our end-of-year fashion show.

**Year 3:** Students will design their own 5-garment line—from concept to pattern to finished garments. Alternatively, they may do at least 2 major projects, with teacher approval. Fashion history will also be a major focus, including research and development of a PowerPoint presentation.

\*\*An Articulation agreement with West Valley College is in place. Completion of 2 years with a B or better will earn 3

## On Your Own 663505

CTE Pathway: Education: Child Development and Family Services

Grades 10-12, Spring Semester

Prerequisite: none

Offered At: Wilcox High School

This class is geared toward preparing students to survive on their own after graduation. Topics covered include: goal-setting; options for higher education/training; career exploration; job search strategies; on-the-job survival; professional/personal clothing choices and care; etiquette; housing options, rights, & responsibilities; transportation; insurance; money management; nutrition/meal planning. Fulfills practical art requirement.

## Individual & Family Life 663105

CTE Pathway: Education: Child Development and Family Services

Grades 9-12, Fall Semester

Prerequisite: none

Offered At: Wilcox High School

This class covers the areas of identity, self-Esteem, teen challenges (coping with peer pressure, STD's, teen pregnancy, substance abuse, suicide, etc.), communication skills, relationships, dating, marriage, pregnancy/childbirth, child development, parenting skills, and family challenges/crises. During the semester you will participate in an infant care simulation activity. Fulfills the practical art







# CTE: Home Economics

## Culinary Arts 1A

676005

CTE Pathway: Hospitality, Tourism and Recreation  
Grades 9-12, Fall Semester

**Prerequisite:** none

**Offered At:** Santa Clara, Wilson

This one semester course is suitable for beginning cooks as well as those with some experience. Culinary vocabulary and math, kitchen safety, sanitation, and an overview of tools and techniques will be explored as students get hands on experience in the kitchen. A wide range of recipes will be prepared. Learn to make breakfast burritos, thin German pancakes, soups, salads, even sushi and stir-fry in this entry level culinary introduction.

## Culinary Arts 2

676205

CTE Pathway: Hospitality, Tourism and Recreation  
Grades 10-12, Year

**Prerequisite:** Culinary Arts 1A or 1B

**Offered At:** Santa Clara High School

This year long course is open to students who have successfully completed one of the introductory level culinary courses at SCHS. Along with a review of culinary safety, sanitation, math and vocabulary, students will gain basic knife skills and will explore more advanced cooking techniques. The course will include food production and sale, meal planning and presentation, and career/leadership skills. Careers in the Hospitality/Culinary Industry will be explored.

## Culinary Arts 1B

676105

CTE Pathway: Hospitality, Tourism and Recreation  
Grades 9-12, Spring Semester

**Prerequisite:** none

**Offered At:** Santa Clara High School

This one semester course is suitable for beginning cooks as well as those with some experience. Culinary vocabulary and math, kitchen safety, sanitation and an overview of tools and techniques will be explored as students get hands on experience in the kitchen. Culinary Arts 1B focuses on learning to cook in the oven. Learn to make cream puffs, twice baked potatoes, enchiladas, yeast breads, like cinnamon rolls and pizza dough, and a variety of pies, cakes, and cookies in this entry level culinary introduction.



# CTE: Information Technology

## Technology Literacy 713215

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**Grades 9-12, Semester**

**Prerequisite:** none

**Offered At:** Gateway, New Valley, Santa Clara, Wilson, Wilcox

Based on the District adopted student technology standards, Technology Literacy is a one-semester course that introduces students to the ethical and safety considerations and implications of technology use, technology as a research and productivity tool and how technology can be a means of creativity and innovation. Students will use the Internet, productivity applications, and Cyber Safety & Ethics materials to complete a variety of assignments and projects. This course is for students who have not passed the Tech Literacy class (offered in Middle School) or the tech literacy challenge test. Tech Literacy Challenge Tests are offered at each middle and high school site a few times throughout the year. Please check with your school site for more information.

*\*\*\*Fulfills the Graduation Technology requirement.*



## ROP Video Production

**712105**

**CTE Pathway: Education: Media, Arts and Entertainment**

**Grades 10-12, Semester/Year**

**Prerequisite:** None

**Offered At:** Santa Clara, Wilcox

Video Production is a year long course in which students will learn the foundations of video production: developing an idea or story, preproduction planning, video photography, lighting and basic sound, and digital postproduction using video editing software. Students will learn to evaluate film and videos, will learn essential knowledge of copyright laws as they pertain to video production and ethical issues in media, and will learn to create a variety of published video projects. Because of the equipment available for student use and the open structure of the class, enrollment occurs only with the consent of the instructor. This class may be repeated with instructor approval.

## Exploring Computer Science

**705005**

**CTE Pathway: Information & Communication Technologies**

**Grades 9—12, Year (UC-G)**

**Prerequisites:** None

**Offered At:** Santa Clara, Wilcox

A year long course which explores the basics of computer science through hands on activities and projects. Topics include: computer hardware, problem solving, basic HTML (website design), basic programming using the animation program ALICE, Python and beginning robotics with Lego Mindstorm kits.

## AP Computer Science Principles

**756105**

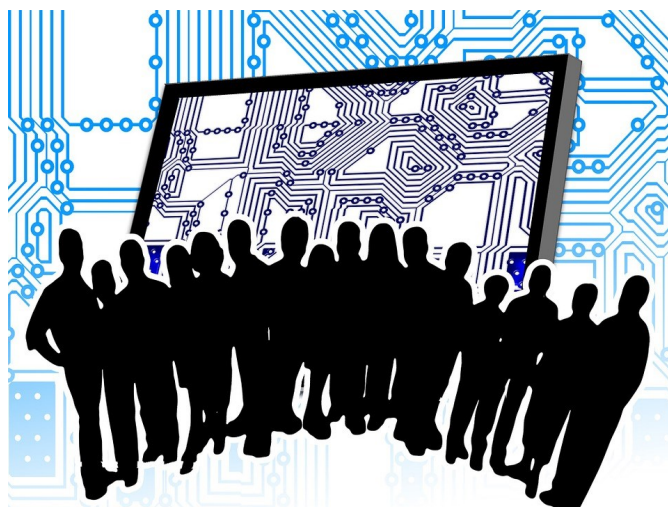
**CTE Pathway: Information & Communication Technologies**

**Grades 10—12, Year (UC-G)**

**Prerequisites:** Digital Media 1, Connectivity & Cybersecurity, Exploring Computer Science or instructor consent

**Offered At:** Santa Clara, Wilcox

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, the course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts.







# CTE: Information Technology

## AP Computer Science A

756005

Grades 10–12, Year (UC-G)

**Prerequisites:** Computer Science Principles and concurrent enrollment in Algebra II or completed Algebra II with a C or better

Satisfies Practical Arts requirement.

**Offered At:** Wilcox

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

## Digital Media 1 \* \*\*

712505

CTE Pathway: Media, Arts and Entertainment

Grades 9-12, Year

**Prerequisite:** None

**Offered At:** Wilcox, Santa Clara

Digital Media I focuses on electronic image manipulation and page layout. Students will learn the elements and principles of design, the fundamentals of the design process, and visual communication theory. Students will design and create a variety of real-life projects that demonstrate creativity, communication, critical thinking, and problem solving.

\* Fulfills the Technology Graduation Requirement

\*\* Articulation agreement with Mission

## Digital Media 2

712605

CTE Pathway: Media, Arts and Entertainment

Grades 9-12, Year

**Prerequisite:** Digital Media 1, Connectivity & Cybersecurity, Exploring Computer Science or instructor consent.

**Offered At:** Wilcox, Santa Clara

In Digital Media 2, students learn to create simple animations and web graphics, then apply this knowledge to designing and developing web pages.

## Graphic Design

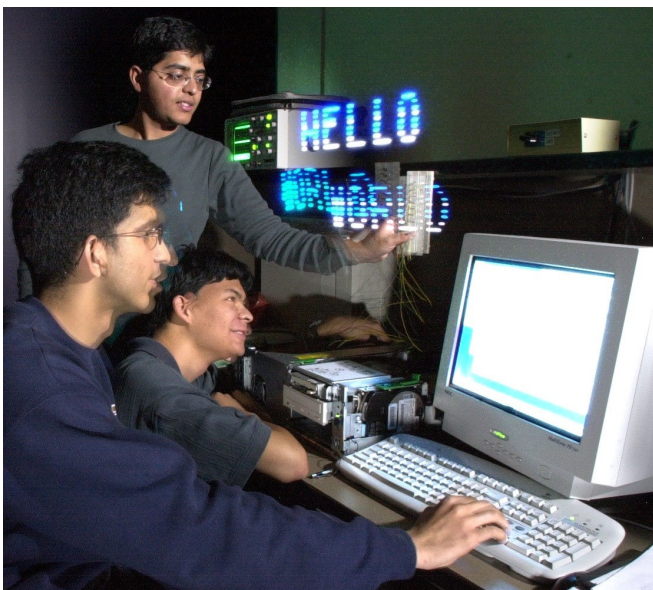
712905

Grades 9-12, Semester

**Prerequisite:** Tech Literacy or consent of instructor

**Offered At:** New Valley

Elements and processes of production and project management. Students learn to edit and create digital images and text as well as apply. This course is designed to equip digital media students with the basic tools design elements to the production of images and publications.



# CTE: CISCO IT and Networking

## ROP IT Essentials \*\*

713005

CTE Pathway: Information & Communication  
Technologies

Grades 10-12, Year

**Prerequisite:** Digital Media 1, Connectivity & Cybersecurity, Exploring Computer Science or instructor consent.

**Offered At:** Santa Clara High School

The IT Essentials PC Hardware and Software curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level information and communication technology (ICT) professionals. The curriculum covers the fundamentals of PC technology, networking, and security, and also provides an introduction to advanced concepts.

Students who complete this course will be able to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. Hands-on labs and Virtual Laptop and Virtual Desktop learning tools help students develop critical thinking and complex problem-solving skills. Cisco Packet Tracer simulation-based learning activities promote the exploration of network and networking security concepts and allow students to experiment with network behavior. Students prepare for the A+ Certification as well.

## Connectivity and Cybersecurity

714105

CTE Pathway: Information & Communication  
Technologies

Grades 9-12

**Prerequisite:** None

**Offered At:** Santa Clara High School

Cybersecurity refers to the people, products, and processes that protect electronic data from those with malicious intent. This course will introduce you to various experts who discuss the concepts of cybersecurity including what it is why it is important, and some of the products and processes that they use to secure data. Also covered are the opportunities within this growing field. This course is not intended to teach you to implement security products and processes, but rather to make you aware of the global need for cybersecurity and the advancements in this industry.

## Internet Engineering 1 \*\*

700105

CTE Pathway: Information & Communication  
Technologies

Grades 10-12, Year (UC-G)

**Prerequisite:** : Digital Media 1, Connectivity & Cybersecurity, Exploring Computer Science or instructor consent.

**Offered At:** Santa Clara High School

Internet Engineering 1 is an interdisciplinary course designed to prepare students for post-secondary success in the Information and Communication Technologies (ICT) field. The course engages students with the studies of: the history and implications of network communications; the protocol which make the Internet possible.; how networks provide access to services; and college and career preparation in the ICT field. This course integrates the theory and application of network communications, and exposes students to media that invite them to consider how Internet engineers think, design, and solve problems. Students have several opportunities to produce college-ready writing, collaborate, research, develop study skills, and develop 21st century skills in this course

## Internet Engineering 2 \*\*

700205

CTE Pathway: Information & Communication  
Technologies

Grades 11-12, Year (UC-G)

**Prerequisite:** Internet Engineering 1

**Offered At:** Santa Clara High School

Internet Engineering 2 is a follow up course to Internet Engineering 1. It is designed to prepare students for post-secondary success in the Information and Communication Technologies (ICT) field. The course engages students with studies of: the network protocols which make the Internet possible; how networks communicate with one another, methods used to increase scalability, reliability, and security in the modern network, and college and career preparation in the ICT field. This course integrates the theory and application of network communities, exposing students to media that invited them to consider how Internet engineers think, design, and solve problems. Students have several opportunities to produce college ready writing, collaborate, research, develop study skills and develop 21st century skills in this course.

*\*\* Articulation agreement with Mission and Ohlone*



# Articulated Agreements SVCTE

Silicon Valley Career Technical Education  
Career-Technical Programs with Community College Credit  
for Students Completing with A or B

**Key to Colleges:** EVC=Evergreen Valley College SJCC=San Jose City College

WVC=West Valley College MC=Mission College DeA=De Anza College FHC= Foothill College

<u>Cluster/Class</u>	<u>College</u>	<u>Units</u>	<u>Cluster/Class</u>	<u>College</u>	<u>Units</u>
<b><u>Automotive Technology</u></b>			<b><u>Health &amp;Community Services</u></b>		
Brakes & Alignment	EVC	5.5	Dental Assisting	FHC	3.5
Engine Repair & Trans.	EVC	5.5	Forensic Investigation	WVC	3.0
Truck Mechanics Yr 1	EVC	8.5	Health Occupations	EVC	1.0
Truck Mechanics Yr 2	EVC	4.5		WVC	7.0
Tune-up & Elect. Systems	EVC	6.0		MC	7.5
			Law Enforcement	WVC	10.0
<b><u>Building Technology</u></b>			Medical Assistant	EVC	1.0
Air Cond/Refrig/Heat Yr 1	SJCC	4.0		WVC	7.0
Air Cond/Refrig/Heat Yr 2	SJCC	4.0		MC	7.5
Carpentry Year 1	SJCC	3.0	Medical Office Careers	EVC	3.5
Carpentry Year 2	SJCC	3.0		SJCC	5.0
Electrical Maintenance	SJCC	4.0		WVC	13.0
				MC	3.0
<b><u>Business Technology</u></b>			Probation & Legal Careers	EVC (in progress)	
Managerial Accounting	EVC	6.5	Veterinary Assistant	FHC	4.5
	SJCC	6.0	Fire Science/First Responder	FHC	5.0
	WVC	2.0			
Office Assistant	EVC	5.5	<b><u>Visual Arts</u></b>		
	SJCC	5.0	Animation	WVC	3.0
	WVC	4.0	Baking & Catering	MC	2.0
Small Business Management	EVC	4.5	Culinary Arts	MC	5.0
	SJCC	6.0	Graphic Design	EVC	3.0
	MC	4.0		SJCC	3.0
	WVC	3.0		WVC	2.0
				MC	3.0
<b><u>Engineering/Industrial Technology</u></b>			Interior Design	WVC	1.0
Computer Aided Drafting 1	EVC	6.0	Multimedia	EVC	3.0
	SJCC	3.0		SJCC	3.0
	MC	6.0		WVC	9.0
	DeA	3.0	Video Production	WVC	6.0
	WVC	3.0			
Computer Aided Drafting 2	EVC	6.0			
	MC	6.0			
Computer Tech. Careers	SJCC	2.0			
Metals Tech.	Cabrillo(in progress)				

# Silicon Valley Career Technical Education

## Introduction

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**Grade 11-12, Year**

**Prerequisite:** None

Courses are held on SVCTE campus at: **760 Hillsdale Avenue, San Jose.**

- Free bus transportation is provided
- 3 Periods/Day
- 15 credit per semester

*Students can pre-register in their sophomore year; contact your High School Career Tech Ed Coordinator for more information or registration.*

**SCHS – 423-2616; Wilcox – 423-2445**

## Courses

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### Animation (UC-F)

Acquire skills in basic figure drawing, cell animation,

2D and 3D computer animation. Develop an understanding of script writing, storyboarding, and sound design.

### Auto Body Repair & Refinishing

Learn to repair auto body damage, painting techniques to restore a cars' brilliance, and perform body alignment and welding. Apprenticeships in this field may be available.

### Automotive Services

Eight areas of study help students gain basic and advanced skills in: automotive brakes, electrical & electronic systems, automatic and manual transmission repair, engine repair, engine performance, heating, ventilation and air conditioning, and suspension and steering.

### Baking and Catering (UC-G)

Prepares students with the skills and knowledge required for employment in the baking and pastry industry. Catering and business skills are developed operating an in-house food operation and catering department.

### Business Entrepreneurship (UC-G)

Learn the basics of running a business, using Microsoft software. Prepare for jobs in accounting, human resources, information technology, or sales & marketing.

### Construction Technology

Design, estimate, and construct buildings with carpentry tools and equipment using industry standards.

### Culinary Arts (UC –G)

Passionate about food, its ingredients, the presentation and its taste? Train in our well equipped kitchen to prepare stocks, cuts of meat, poultry and seafood utilizing a variety of cooking methods. Work in various kitchen positions and restaurant settings while preparing for your career and future college education. Our instructor is committed to your success!

### Cyber Security

Learn about the opportunities, threats, responsibilities, and legal constraints associated with operating in cyberspace. Students will also learn the basics of electricity, programming, and networking as well as develop critical thinking skills.

### Dental Assisting

Acquire chair-side assisting skills, laboratory and X-ray procedures, with radiation and clinical experience. Make impressions and models. This course offers opportunities for Dental internships.

### Electrical Maintenance

Learn electrical installations, troubleshooting and repair for students wishing to enter electrical maintenance careers.

### Fashion Design & Textile Art (UC –F)

This program will provide you with the opportunity to learn entry-level skills in the clothing and fashion field. Style, line, color and design principles will set the tone for creating garments. Students will apply art elements and principles of fine art and design to their work.

### Film & Video Production (UC-F)

Learn to produce videos for business and entertainment from script writing to final edit.

### Fire Science/First Responder

Students will be introduced to Fire Department and Emergency Services related fields and techniques used to perform the job. The class focuses are academics, technical skills and employability practices.

### Forensic Sciences (UC-D)

Develop the knowledge and training related to forensics while exploring the procedures to solve crimes. Topics include investigating crime scenes and laboratory safety rules and regulations.

### Heating, Ventilation, & Air Conditioning(HVAC)

Learn maintenance, overhaul, repair, and adjustment of residential and commercial heating, air conditioning, and refrigeration units.

# Silicon Valley Career Technical Education

## Internet Engineering (UC-G)

Learn to install, diagnose, and repair hardware and software. Prepare for jobs in the computer industry in sales & setup, software installation, help desk, computer support, networks, and programming.

## Law Enforcement

Prepare for a career in public and private investigative fields. Understand the criminal justice system, investigate crimes, and improve decision-making skills.

## Legal Careers (UC-A)

Prepare for working in the judicial system in careers such as probation officer, paralegal, legal assistant, legal secretary, court reporter, or attorney.

## Medical Assisting (UC-G)

Learn back office medical procedures. Topics include medical terminology, anatomy and physiology, lab procedures. Clinical training in hospitals, clinics, and doctors' offices is available.

## Medical Office Careers (UC-B)

Prepare for employment in hospitals, medical offices and clinics. Obtain knowledge of terminology, patient billing, medical transcriptions and medical office administrative procedures.

## Medical Science / Health Careers (UC-G)

Preparing aspiring nurses & doctors for the medical professions with a focus on human biology and disease, college preparation, practicing hands-on patient care, medical terms, leadership and teamwork, with hospital internships in Emergency, Surgery, Physical Therapy, Radiology, Pediatrics and more

## Metals Technology

Learn welding theory and safety with hands-on experience in operation of welding equipment. Welding is used in auto repair, building construction, ornamental ironwork and many machinery jobs.

## Mobile App Design and Computer Coding

Learn multimedia design, web development for Internet technology and programming for mobile platforms and devices. Learn the process of designing, coding and deploying mobile applications for use in eCommerce, productivity, enterprise and web purposes.



## Pharmacy Technology

Learn about prescription medications, intravenous solutions and other specialized medications, patient profiles, inventories, package medications in unit-dose or medi-card form, and data used by pharmacists to monitor drug therapy.

## Precision Machining

Learn basic machining theory and hands-on operation of a variety of machining tools that include manual and CNC (Computer Numerical Control).

## Public Administration Office Careers

Learn Microsoft Word, Excel, PowerPoint, Outlook, and office skills such as keyboarding, filing, telephone etiquette, email, ten key/bookkeeping skills and internet.

## Sports Medicine & Kinesiology

Acquire skills related to basic anatomy and physiology, nutrition, fitness and exercise, taping procedures, vital signs, training room/office management, injury treatment and training, patient care, safety and ethics, and bio-metrics of movement.

## Truck Mechanics

Repair and service the systems and components on light and heavy trucks. Prepare for jobs in the auto/truck/heavy equipment industry. Many advanced training programs are available offering additional skills and information about new techniques and products.

## Veterinary Assisting

Learn anatomy and physiology, as well as animal health and disease, to prepare for employment in Veterinary Careers.

# Silicon Valley Career Technical Education

## Santa Clara Unified/SVCTE High School Equivalency Credits

Full-Time Day Programs	Math	Health	Physical Science	Biological Science	English	Social Science	Fine Arts	Tech. Literacy	UC A-G
<b>Agriculture and Natural Resources</b>									
Veterinary Assisting				5					
<b>Arts, Media and Entertainment</b>									
Animation							10	x	F
Multimedia Design							10		
Graphic Design									
Film Video Production					5		10	x	F
<b>Building Trades and Construction</b>									
Carpentry	10								
Air Conditioning/Ref./Heating									
Comp. Aided Drafting									
Electrical Maintenance	5		5						
<b>Engineering and Design</b>									
Internet Engineering					2.5				G
Mobile App Design & Computer Coding									
<b>Fashion and Interior Design</b>									
Fashion Design & Textile Art	2.5						10		F
<b>Health Science/Medical Technology</b>									
Dental Assisting			5	5	5				
Medical Service/Health Careers		2.5		10	2.5				G
Medical Assisting		5		10					G
Medical Office Careers					5				B
Sports Medicine and Kinesiology									
<b>Hosp., Tourism and Recreation</b>									
Baking and Catering	2.5	5							G
Culinary Arts *	2.5	5			2.5				G
<b>Information Technology</b>									
Office/Administrative Assistant					5			x	
Metals Technology									
Precision Machining									
<b>Marketing, Sales &amp; Service</b>									
Business Entrepreneurship					5			x	G
<b>Public Services</b>									
Fire Science/First Responder		5	5	10					
Forensic Investigation	5			10					D
Law Enforcement					2.5	2.5			
Legal Careers *					2.5	10			A
<b>Transportation</b>									
Truck Mechanics	2.5								
Brakes and Alignment									
Engine Repair and Transmissions									
Tune Up and Electrical systems									

\* denotes a UC/CSU "a-g" approved course.





# Credits

## Thank You

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