

Challenge Course Options 2018-2019

Arts Courses

Arts Courses	Prerequisite	Grade	You Should Sign Up for This Course if....
Creative Writing (Semester or Year-Long)	none	9-12	1) You love to write creatively, or have an interest in developing creative writing skills. 2) You're open to writing poetry, short fiction, creative nonfiction, spoken word, and drama.
Drama 1	none	9-12	1) You want to exercise your imagination. 2) You are interested in performing improvisations and scripted scenes. 3) You want to learn how to be more expressive with your body and voice.
Drama 2	Drama 1	10-12	1) You want to build on what you learned in Drama 1. 2) You want to rehearse and perform plays for public performances. .
Honors Creative Writing	Creative Writing (or instructor approval)	10-12	1) You have significant experience and/or talent in Creative Writing. 2) You're ready for in-depth work and a course that is run like a college writing workshop, including free verse poetry, spoken word, short fiction, & drama.
Honors Visual Art 3*	Visual Art 2 (or instructor approval)	11-12	1) You are able to work independently as an artist. 2) You want to continue developing your visual language & build a portfolio of work. 3) You're willing to have your work shared publicly and engage in group critiques.
Visual Art 1	none	9-12	1) You are curious about art materials. 2) You love to draw, paint, collage or build 3-dimensional forms. 3) You are interested in artists, their work and what inspires them.
Visual Art 2	Visual Art 1	10-12	1) You passed Art 1 and value creative time in your schedule. 2) You want to expand your visual language in a variety of mediums including: painting, drawing, printmaking & sculpture. 3) You enjoy learning about other artists and would like independent time to work on an your own art project.

Spanish Courses

Spanish Courses	Prerequisite	Grade	You Should Sign Up for This Course if....
AP Spanish Language*	Heritage B, Spanish 3	10-12	1) You want to improve your Spanish reading, listening, speaking and writing skills. 2) You want to be able to write convincing essays and speeches. 3) You're interested in current events and global challenges.
AP Spanish Literature*	AP Spanish Language	11-12	1) You want to improve your Spanish reading, listening, speaking and writing. 2) You love reading fascinating stories and beautiful poems. 3) You're interested in the history of the Spanish-speaking world.

*All courses are year-long unless otherwise noted. Courses with an * require an application.*

Humanities Courses

Humanities Courses	Prerequisite	Grade	You Should Sign Up for This Course if....
AP English Literature*	Humanities 11 or HAMLIT	12	1) You love reading and writing about literature. 2) Debating essential human needs sounds interesting. 3) You're ready to experience a college course in a high school setting.
AP US History*	Humanities 10	11	1) You interested in figuring out how the U.S. came to be the way it is today. 2) You're not afraid of trying to make meaning of contradictory perspectives. 3) You're deeply concerned about issues of social injustice, economic inequality, and corruption, but you also think the world can be an inspiring place.
Ethnic Studies	none	11-12	1) You're interested in learning about the historical context of race in the U.S. 2) You want to have safe and significant discussions about racism and discrimination in America and want think about how to tackle these issues.
Ethnic Studies & Film (2nd Semester Only)	none	11-12	1) You are interested in understanding, discussing, and strengthening your critical thinking skills about current issues related to race, ethnicity, nationality, and culture in the U.S. 2) You enjoy analyzing films and connecting them to real-world issues.
Honors American Literature*	Humanities 10	11	1) You love reading interesting, brave, compelling, challenging novels. 2) You are interested in having deep and thought-provoking discussion about what we are reading and the thoughts and emotions evoked by the text. 3) You want to improve your reading, thinking, writing, and discussing skills.
Survival Skills for the 21st Century (1st Semester Only)	none	11-12	1) You want to understand how ordinary people can become great leaders. 2) You want to develop potential solutions for social problems confronting your generation. 3) You want to create a purposeful future for yourself, your family, and your community.
Embedded Honors Humanities 9, 10, 11	none	9-11	This is not a separate course, but rather an opportunity to take on additional challenge within your current course.

Math Courses

Math Courses	Prerequisite	Grade	You Should Sign Up for This Course if....
AP Calculus*	Pre-Calculus	12	1) You have a passion for mathematics, especially conceptual mathematics. 2) You are not afraid to struggle with new concepts and will be relentless in trying to improve your problem-solving skills.
Algebra 2 Honors*	Algebra 1	10-12	1) You like trying out challenging math problems & puzzles. 2) You have good Algebra operation skills (multiplying, dividing, fractions, etc.). 3) You are willing to devote time & energy to figure out how a challenging problem works.
Pre-calculus	Algebra 2	12	1) You enjoy math, logic and puzzles. 2) You want to challenge yourself in preparation for calculus or college-level math. 3) You are interested in how trigonometry is used (engineering, architecture, etc.).
Pre-calculus Honors*	Algebra 2 or Algebra 2 Honors	11-12	1) You like trying out challenging math problems & puzzles. 2) You are willing to devote time & energy to figure out how a challenging problem works. 3) You are interested in how trigonometry and higher level functions are used.

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Introduction to Statistics & Applied Math	Algebra 2	12	1) You are interested in seeing how math is used in the real world. 2) You want to keep your math and problem-solving skills sharp for college. 3) You are interested in how statistics are used in fields like business, psychology, & sports.
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Science Courses

Science Courses	Prerequisite	Grade	You Should Sign Up for This Course if....
AP Biology*	Completed Biology; completed/enrolled in Chemistry	12	1) You are curious about how life works (including cells, genetics, molecular biology, evolution, etc.). 2) You are ready for a fast-paced, challenging course that will also improve your writing and critical thinking skills. 3) You have an interest in studying science or medicine in college.
AP Environmental Science*	9th grade Environmental Science	10-12	1) You have an interest in learning all the ways that humans' quest for food, energy, shelter, and entertainment affect Earth's resources. 2) You want to learn more about current environmental issues and what we can do about them. 3) You want to be challenged to think critically about the state of our world today.
AP Physics*	Completed Algebra 2	11-12	1) You want to learn more about how about the world around you works. 2) You enjoy challenging labs that help you understand complex ideas. 3) You are interested in a science or engineering major at college.
Honors Chemistry*	Biology	11-12	1) You love science and learning 2) You enjoy a faster paced, focused, more challenging environment. 3) You enjoy designing your own labs.
Introduction to Computer Science (Semester or Year-Long)	none	9-12	1) You want to understand how computers work. 2) You are interested in coding and basic programming skills. 3) You like to experiment and solve problems.
Physics	Geometry	11-12	1) You want to learn more about how about the world around you works. 2) You enjoy hands on labs that help you understand complex ideas. 3) You want an extra year of science to improve your college applications.
Gardening (Semester or Year-Long)	None	9-12	1) You want to learn how to grow your own healthy food and cook it. 2) You want to learn about sustainable systems like solar energy and rain harvesting. 3) You want to be outside and build cool things in our school garden.
Embedded Honors Option Available in Bio.	Environmental Science 9	10	This is not a separate course, but rather an opportunity to take on additional challenge within your current course.

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Additional Courses

Additional Courses	Prerequisite	Grade	You Should Sign Up for This Course if...
Physical Education (Semester or Year-Long)	none	9-12	1) You need PE credits. 2) You want to learn about fitness and how to design and perform a workout with weights and gym equipment. 3) You want a chance to be consistently active during the regular school day.

Internships

Internships are a great way to explore potential careers with no commitment past 2 hours a week for 8 weeks during your junior and senior years. Earn two units for your transcript, build your resume for work and college, and investigate an interest or passion. Some possibilities:

Automotive: San Francisco Toyota

Animals: Presidio Way Veterinary Hospital

Architecture: Plum Architects, Jennifer Tulley Architects

Business/Finance: Wells Capital Management (Investment Company), ValueAct Capital (Investment Company)

Dentistry: Dr. Rothman, DDS (Pediatric Dentist)

Early Education: Cow Hollow School (Early Education)

Environmental Engineering: SSP&A

Event Planning: Wilsonwest Event Planning and Marketing

Medical: Maxine Hall Health Center UCSF Nurse

Physical Therapy: Active Care Physical Therapy

Politics: Supervisor London Breed (D5), Supervisor Sandra Lee Fewer (D1), Supervisor Hillary Ronen (D9)

Technology: Ace Rankings (search engine optimization), [Remind.com](https://www.remind.com) Redshift (Digital Design); Phonographic Memory (Podcast)