



WESTLAKE HIGH SCHOOL

2020-2021 STEM Honors Diploma

STEM Honors Diploma Approved Courses

	Approved STEM Science Courses offered at WHS	Approved STEM Math Courses offered at WHS	Approved STEM Elective Courses offered at WHS
	<i>5 credits total - 2 of which are advanced courses</i>	<i>5 credits total</i>	<i>2 credits</i>
Advanced Courses	IB Physics SL	IB Math SL	Advanced Technical Drawing/Design 1-4
	IB Physics HL	IB Math HL	Introduction to Robotics and Engineering
	AP Biology	AP Statistics	Design Squad
	AP Environmental Science	AP Calculus AB	TEALS Introduction to Programming and Game Design
	AP Chemistry	AP Calculus BC	TEALS Advanced Programming with Python
	AP Physics 1	CCP Math 1410	AP Computer Principles
	CCP Biology 1060 plus lab	CCP Math 1420	Know Your Home
	CCP Biology 1500	CCP Math 1580	Unmanned Drones
	Honors Chemistry	CCP Math 1610	Computer Graphics
	Honors Human Anatomy and Physiology	Calculus	Web Design
	Honors Biology	Pre-Calculus or Honors Pre-Calculus	Computer Applications
	Honors Physical Science	Algebra II or Honors Algebra II	Got Google?
	Physics	Geometry or Honors Geometry	
	Algebra I		

Please see your counselor for more information and to verify other CCP science or mathematics courses are considered STEM courses.

Other Requirements - must meet all but 1 of the items below

Must meet all local and state graduation requirements (credits, service hours and testing)

World Language: 3 units of one world language, or no less than 2 units of each of two world languages studied

GPA: 3.5 out of 4.0 scale

ACT/SAT: ACT: 27 or higher/SAT: 1280 or higher

Field Experience: Complete a field experience and document the experience in a portfolio specific to the student's area of focus

Portfolio: Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus