Yucaipa High School
Engineering Academy
Program of Study

	9th Grade	10th Grade	11th Grade	12th Grade
English	ENG English 9 *or* Honors English 9	English 10 *or* Honors English 10	English 11 *or* AP English 11	English 12 *or* AP English 12
Social Science	Waived *(optional)*	Modern World History *or* AP European History	US History *or* AP US History	Am Gov/ Economics *or* AP Gov/ AP Macroeconomics
Math	ENG Math 1 or Math 2H (*or appropriate level non-cohorted*)	ENG Math 2 or Math 3H *(or appropriate level non-cohorted)*	ENG Math 3 *(or appropriate level non-cohorted)*	Appropriate Level *(4th year recommended)*
Science	Biology *or* Honors Biology	Physical Science, Chemistry, *or* Physics *(appropriate level)*	Appropriate Level *(3rd yr recommended)*	
Fine Art	(Intro to Design- *see Academy Specific Course below)*			
Foreign Language	*World Language Level 1 or 2	World Language Level 1/2/3	World Language Level 1/2/3 *(3rd year rec if possible)*	World Language Level 2/3/4
Physical Education	PE 1	PE 2		
Academy Specific Course	Intro to Design *(Meets the Fine Art req for YHS and A-G)*	Principles of Engineering	Civil Engineering & Architecture ***OR*** AP Computer Science Principles	+Engineering Design & Development ***OR*** AP Computer Science A
Suggested Electives	ROP Construction Tech AVID (*Four year program)* 3D/Adv 3D Modeling & Animation	Please refer to UC/CSU "a-g" and/or NCAA course requirements for additional recommendations.		

** **Students are <u>not</u> required to take World Language in 9th grade**. If taking Spanish in 8th grade, it is recommended to complete the 2nd year in 9th grade.*
*+ **Graduation Distinction**; Stole Criteria: Pass all PLTW courses enrolled in (3 or more years), <u>including</u> Capstone course (12th grade). PLTW Criteria: Pass 6 or more PLTW semesters with B or higher (B- does not count).*

Indicates Academy cohorted classes

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	A-G*	NCAA*	Mt. San Jacinto College**
Intro to Design (9)	**Fine Art ("F")**		**Articulated**
Principles of Engineering (10)	**Science ("D")**	**Science ("D")**	**Articulated**
Civil/Architectural ENG (11)	**Science ("D")**		**Articulated**
AP Computer Science Principles (11)	**Science ("D")**	**Science ("D")**	**Not articulated- *able to earn AP Exam credit***
ENG Design and Development (12)	**Science ("D")**	**Science ("D")**	**Not articulated**
AP Computer Science A (12)	**Math ("C")**	**Science ("D")**	**Not articulated- *able to earn AP Exam credit***

***Please refer to UC/CSU "a-g" and/or NCAA course requirements for additional information. Private and out-of-state colleges may have their own criteria.** https://sites.google.com/ycjusd.us/yhscollegecareercenter/college

****Please note- course distinctions are subject to change and are determined by MSJC.**

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