

Ramona High School

Course of Study Information Page

Course Title: Aerospace Engineering	
Course Number:	
Course Description: This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.	
Length of Course	1 year
Grade level	11-12
Number of credits	5 credits/semester
Additional Credit Information: Check all that apply	<input checked="" type="checkbox"/> CSU/UC "a-g" requirements <input type="checkbox"/> Weighted grade points <input type="checkbox"/> Dual credit with community college
Prerequisites:	Introduction to Engineering Design/teacher recommendation
Department(s):	Career and Technical