

# Ramona High School

## Course of Study Information Page

<b>Course Title:</b> Principles of Engineering	
<b>Course Number:</b> 2250	
<b>Course Description:</b> Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students are exposed to major concepts they'll encounter in a collegiate engineering course of study and develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.	
<b>Length of Course</b>	One year
<b>Grade level</b>	9-12
<b>Number of credits</b>	5 credits/semester
<b>Additional Credit Information:</b> 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
<b>Prerequisites:</b>	None
<b>Department(s):</b>	Elective