



# ENGINEERING

	ENGLISH*	MATH*	SCIENCE*	SOCIAL STUDIES*	PATHWAY REQUIREMENTS	ACADEMY EXPERIENCES
<b>9<sup>th</sup> GRADE</b>	English 9	Geometry w/Data Analysis	Physical Science	Modern World History	Career Preparedness Health PE	Kuder Portfolio Guest Speakers Mock Interviews Student Credential CTSO membership Field trips/Tours Dual Enrollment Senior Pathway Project Cooperative Education – Co Op Internships
<b>10<sup>th</sup> GRADE</b>	English 10	Algebra I w/Probability	Biology	U.S. History Beg to IND.REV	Introduction to Engineering Design	
<b>11<sup>th</sup> GRADE</b>	English 11	Algebra II w/Statistics	Science Elective	U.S. History IND. REV to Present	Principles of Engineering Engineering Design	
<b>12<sup>th</sup> GRADE</b>	English 12	Mathematics Elective	Science Elective	Government/ Economics		
<b>Assessments &amp; Credentials</b>	ACT,				<b>Required-Senior Project</b> <b>Recommended Electives</b>	
<b>Post Secondary Goals and Planning</b>	Diploma requirements per institution of higher learning (See your Guidance Counselor) Honors track below <ul style="list-style-type: none"> <li>English –Honors 9,10,11 &amp; 12</li> </ul>				<b>School and Community Involvement</b>	CTSO) Attend JLDC Participate/Attend Career Fair(s) Participate in Community Service Activities



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|  | <ul style="list-style-type: none"><li>• Math-9- Honors Geometry w/Data Analysis, 10- Honors Algebra I w/Probability 1-Honors Algebra II w/ Statistics 12- Honors , AP, DE, or IB Math Elective</li><li>• Science-9-Honors Biology I 10- Honors Chemistry- 11-Honors or AP Physics 12-Elective Science</li><li>• Social Studies-9 Honors World History 10-Honors US History Beg. to ind. rev. 11 Honors US History Ind. Rev to present 12 Government and Economics</li></ul> |  |  |
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