


<b>HIGH SCHOOL:</b> Charles M. Russell High School	<b>BIG SKY PATHWAY PROPOSAL</b> 
<b>COLLEGE:</b> Helena College University of Montana	
<b>COLLEGE DEGREE PROGRAM:</b> AAS Automotive Technology	

### SUGGESTED HIGH SCHOOL COURSES

<b>9th</b>	Graduation Requirements Workforce/College Prep	Eng 1-2, Math Alg 1, Foundations of Science, World History, Fine Arts	<b>Recommended CTE Cluster Foundation Course(s):</b> Intro to IT
	<b>CTE and/or Electives</b>	Alg Geometry, Biology 1-2, MT Government, Fine Arts, Fin Tech, Eng 3-4	<b>Recommended CTE Pathway Courses:</b>
<b>10th</b>	Graduation Requirements Workforce/College Prep		Power Technology, DC Electricity, Consumer Mechanics, Applied Physics
	<b>CTE and/or Electives</b>	Power tech, DC Electricity, Applied Physics, Consumer Mechanics	<b>Other Recommended CTE Courses:</b>
<b>11th</b>	Graduation Requirements Workforce/College Prep	English 5-6, Alg 2 Trig, Chemical Physics Bio, US History, Fine Arts, World Lang	Automotive Technology
	<b>CTE and/or Electives</b>	Automotive Technology	
<b>12th</b>	Graduation Requirements Workforce/College Prep	English 5-6, Geometry, Alg 2 Trig, Chemistry, Physics, Biol., Government Fine Arts, or World Language	<b>Career &amp; Technical Student Organization(s):</b>
	<b>CTE and/or Electives</b>	Automotive Technology ASE	Automotive Technology ASE

### ADVANCED LEARNING OPPORTUNITIES High School to College/Career Linkages

<b>Dual Enrollment courses:</b> M11T Technical Math; WRIT121 Intro to Tech Writing
<b>Online courses:</b> M11T Technical Math; WRIT121 Intro to Tech Writing; HR110T Career Development and Human Relations
<b>Other:</b> work experience:

### POSTSECONDARY PROGRAM OF STUDY (72 credits)

	Math	English	Major	Other
<b>Semester 1</b>	M111 Technical Math 3cr		AUTO104 Automotive Mechanics 2cr AST108 Auto Manual Drive Trains 6 AST130 Intro to Auto Electronics 7	
<b>Semester 2</b>			AST160 Auto Engine Repair 6 AST172 Auto Heating/Air Conditioning 5 Electric/Electronics Systems II 4	
<b>Semester 3</b>		WRIT121 Intro to Tech Writing 3cr	AST118 Brake Chassis 6 AST262 Engine Performance I 8cr	
<b>Semester 4</b>			AST264 Engine Performance II 5cr AST 270 Auto Transmissions/Transaxles 7 AST280 Applied Lab Experience Light Repair 4	HR110T Career Development and Human Relations