

Helena High School to Helena College degree program:
Automotive Technology AAS

BIG SKY PATHWAY



Recommended pathway from Helena High School to Helena College with dual credit opportunities highlighted.

SUGGESTED HIGH SCHOOL COURSES

9th	Graduation Requirements Workforce/College Prep	Algebra I, English I, Physical Education, Social Studies, Earth Science	Recommended CTE Cluster Foundation Course(s): Industrial Technology, Basic Computer Skills, Tech Skills for Life
	<i>CTE and/or Electives</i>	<i>Industrial Technology or Welding I, Basic Computer Skills</i>	
10th	Graduation Requirements Workforce/College Prep	Geometry, Physical Education/Health, Biology I, Fine Art, English II	Recommended CTE Pathway Courses: Auto Tech I-III, Welding I-IV,
	<i>CTE and/or Electives</i>	<i>Auto Tech I, Welding II, Drafting I</i>	
11th	Graduation Requirements Workforce/College Prep	American History, English III, Algebra 2, Chemistry I	Other Recommended CTE Courses Drafting, Bengal Business, Career Planning
	<i>CTE and/or Electives</i>	<i>Auto Tech II, Welding III, Drafting II, Art Elective</i>	
12th	Graduation Requirements Workforce/2-Year College Prep	Technical Writing (WRIT121T), Technical Math (M111T), Government, English IV and College Writing WRIT101	Career & Technical Student Organization(s): Skills USA, Bengal Business
	<i>CTE and/or Electives</i>	<i>Auto III, Welding IV, AUTO104 Automotive Mechanics</i>	

ADVANCED LEARNING OPPORTUNITIES

High School to College/Career Linkages

Dual Enrollment courses: **M111T Technical Math; WRIT121 Intro to Tech Writing; WRIT 101 College Writing; AUTO104 Automotive Mechanics**

Online courses: Montana Digital Academy - <http://www.montanadigitalacademy.org/> **HR 110T Career Dev and Human Relations**

Other: *Work experience, Student Shadowing at Helena College*

POSTSECONDARY PROGRAM OF STUDY (72 credits)

	Math	English	Major	Other
Semester 1	M111T Technical Math 3cr		AUTO104 Automotive Mechanics 2cr AST108 Auto Manual Drive Trains 6 AST130 Intro to Auto Electronics 7	
Semester 2			AST160 Auto Engine Repair 6 AST172 Auto Heating/Air Conditioning 5 Electric/Electronics Systems II 4	
Semester 3		WRIT121 Intro to Tech Writing 3cr	AST118 Brake Chassis 6 AST262 Engine Performance I 8cr	
Semester 4			AST264 Engine Performance II 5cr AST 270 Auto Transmissions/Transaxles 7 AST280 Applied Lab Experience Light Repair 4	HR110T Career Development and Human Relations