


HIGH SCHOOL: Paris Gibson Education Center	BIG SKY PATHWAY PROPOSAL 
COLLEGE: Helena College University of Montana	
COLLEGE DEGREE PROGRAM: AAS Automotive Technology	

SUGGESTED HIGH SCHOOL COURSES

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

ADVANCED LEARNING OPPORTUNITIES High School to College/Career Linkages

Dual Enrollment courses: Planned: AUTO104 Automotive Mechanics

Online courses: M11T Technical Math; WRIT121 Intro to Tech Writing; HR110T Career Development and Human Relations

Other: work experience:

POSTSECONDARY PROGRAM OF STUDY (72 credits)

	Math	English	Major	Other
Semester 1	M11T 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