


HIGH SCHOOL: Jefferson High School	BIG SKY PATHWAY PROPOSAL 
COLLEGE: Helena College	
COLLEGE DEGREE PROGRAM: Fire and Rescue Associate of Applied Technology	

SUGGESTED HIGH SCHOOL COURSES

9th	Graduation Requirements Workforce/College Prep	English I, Algebra, Physical Science, PE/Health 1, Intro to Computers	Recommended CTE Cluster Foundation Course(s): Health & PE, Physical Science, Intro to Computers
	CTE and/or Electives	<i>Welding I, Small Engine Repair</i>	Recommended CTE Pathway Courses: Small Engines EMT, Personal Physical Fitness, Welding 1
10th	Graduation Requirements Workforce/College Prep	English 2, Geometry, Biology, World History, PE/Health 2	Other Recommended CTE Courses: Woods 1, Accounting 1
	CTE and/or Electives	<i>Accounting I, Basic Wildland Firefighting</i>	
11th	Graduation Requirements Workforce/College Prep	English 3, Algebra 2, Chemistry, US History, Fine Art	Career & Technical Student Organization(s): HOSA
	CTE and/or Electives	<i>Advanced PE, Speech</i>	
12th	Graduation Requirements Workforce/2-Year College Prep	English 4 or WRIT101 College Writing , Government, Personal Finance	
	CTE and/or Electives	<i>Personal Physical Fitness, Crime & Justice, Accounting 1, Woods 1, Ecology or BIOB 160 Principles of Living Systems</i>	

ADVANCED LEARNING OPPORTUNITIES
High School to College/Career Linkages

Advanced Placement or IB courses:
Dual Enrollment courses: WRIT101 College Writing , BIOB 160 Principles of Living Systems
Online courses: MTDA: Introduction to Health Occupations, HR 110T Human Relations and Career Development
Other: Work Experience: Volunteer Fire Department; Wildfire Fighting, EMT Training as On-Campus Experience

POSTSECONDARY PROGRAM OF STUDY (72 credits)

	Math	English	Major	Other
13—Semester 1	Technical Math M111T (3) OR College Algebra M121 (3)		Emergency Medical Technician ECP130 (4) Intro to Fire Service FIRE101 (3) Fire Service II FIRE102 (3) Fire Fighter Safety FIRE103 (3)	Personal Physical Fitness I FIRE107 (1)
13—Semester 2			Wildland Fire Fighting FIRE106 (3) Hazardous Materials FIRE110 (3) Emergency Services Customer Service FIRE120 (2) Incident Command FIRE 121(1) Emergency Equipment Maintenance FIRE 125 (2) Fire Apparatus Operation FIRE130 (3) Fire Fighting Tactics and Strategies FIRE140 (3)	Personal Physical Fitness II FIRE108 (1)
14—Semester 1		Intro to Tech Writing WRIT121T (3) OR College Writing WRIT101	Instructional Methodologies FIRE202 (2) Fire Protection Systems FIRE234 (3) Fire Inspection FIRE241 (3) Rescue FIRE242 (3) Fire Investigation FIRE260 (3) Building Construction FIRE261 (1)	
14—Semester 2			Aircraft Rescue & Basic Training (ARFF) FIRE210 (2) Fire Streams FIRE215 (2) Fire Officer FIRE225 (2) Basic Wildland Supervision FIRE232 (2) Fire Ground Operations FIRE250 (2) Fire Prevention FIRE270 (3) Capstone FIRE288 or Internship (3)	Human Relations HR110T OR Fundamentals of Organizational Psychology PSYX161