

Capital High School to Helena College degree program:  
**Fire and Rescue AAS**

**BIG SKY PATHWAY PROPOSAL**



**SUGGESTED HIGH SCHOOL COURSES**

9th	Graduation Requirements Workforce/College Prep	English I; Algebra I; Earth Science; World Cultures; Phys Ed I	<b>Recommended CTE Cluster Foundation Course(s):</b> Health Careers Exploration or PBS and HBS, Computer Skills
	<i>CTE and/or Electives</i>	Principles of Biomedical Science,	<b>Recommended CTE Pathway Courses:</b> Technical Math, Technical Writing, Personal Wellness, Physical Conditioning, Weight Training
10th	Graduation Requirements Workforce/College Prep	English II; Geometry; Biology; PE/Health	
	<i>CTE and/or Electives</i>	Human Body Systems, Fine Arts Elective, Basic Computer Skills	<b>Other Recommended CTE Courses:</b> Psychology; Intro to Mechanical Technology Basic Wildland Firefighting; EMT
11th	Graduation Requirements Workforce/College Prep	English III; <b>Technical Math (M111T)</b> ; Chemistry; US History	
	<i>CTE and/or Electives</i>	Personal Wellness, Physical Conditioning, Intro to Mechanical Technology	
12th	Graduation Requirements Workforce/College Prep	English IV & <b>College Writing (WRIT101) OR Technical Writing (WRIT121T)</b> American Gov't; <b>College Algebra (M121)</b> , Physics	<b>Career &amp; Technical Student Organization(s):</b> HOSA
	<i>CTE and/or Electives</i>	Advanced Weight Training, AP Psychology	

**ADVANCED LEARNING OPPORTUNITIES**

High School to College/Career Linkages

**Onsite afternoon, evening, or weekend college courses at Helena College:** EMT EPC130 (M and Th 6-10 pm) and Basic Wildland Firefighting FIRE106, CPR Training (Continuing Education)

**Advanced Placement or IB courses:** AP Psychology

**Dual Enrollment courses:** **Technical Writing WRIT121T, College Writing WRIT101; College Algebra M121; Tech Math M111T**

**Online courses:** MTDA: Introduction to Health Occupations; **Human Relations HR110T**

**Other:** Work Experience: Volunteer Fire Department

**POSTSECONDARY PROGRAM OF STUDY (72 credits)**

	Math	English	Major	Other
Semester 1	Technical Math M111T (3) or <b>College Algebra M121 (3)</b>		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)
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)
Semester 3		<b>Tech Writing WRIT121T (3)</b>	Instructional Methodologies FIRE202 (2) Fire Protection Systems FIRE234 (3) Fire Inspection FIRE241 (3) Rescue FIRE242 (3) Fire Investigation FIRE260 (3) Building Construction FIRE261 (1)	
Semester 4			Aircraft Rescue & Fire Fighting Basic Training FIRE210 (ARFF) (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)	<b>Human Relations HR110T OR</b> Fundamentals of Organizational Psychology PSYX161