


<b>HIGH SCHOOL:</b> Jefferson High School		<b>BIG SKY PATHWAY PROPOSAL</b> 
<b>COLLEGE:</b> Helena College		
<b>COLLEGE DEGREE PROGRAM:</b> Fire and Rescue Associate of Applied Technology		
<b>Cluster Overview:</b> Planning, preparing and managing legal, public services, protective services, and homeland security, including professional, technical and support services.	<b>Pathway Options:</b> <ul style="list-style-type: none"> <li>• Correction Services</li> <li>• Emergency and Fire Management Services</li> <li>• Security and Protective Services</li> <li>• Law Enforcement Services</li> <li>• Legal Services</li> </ul>	<b>Occupation Examples:</b> Firefighter, Judge, Lawyer, Paralegal, Police Officer, Forest Fire Fighter, Probation and Parole Officer, Security Guard  <i>For a complete listing, go to:</i> <a href="http://online.onetcenter.org/find/career?c=12&amp;q=Go">http://online.onetcenter.org/find/career?c=12&amp;q=Go</a>

### SUGGESTED HIGH SCHOOL COURSES

<b>9th</b>	Graduation Requirements Workforce/2-Year College Prep	English I; Algebra I, Biology	<b>Recommended CTE Cluster Foundation Course(s):</b> Health & PE, Physical Science, Intro to Computers
	4-Year MT College/Univ Prep (Rigorous Core)	English I; Algebra I, Biology	
	<b>CTE and/or Electives</b>	Intro to Computers, Health and PE, Woods I, Small Engines	
<b>10th</b>	Graduation Requirements Workforce/2-Year College Prep	English II; Geometry, Physical Science, World History	<b>Recommended CTE Pathway Courses:</b> Small Engines, Basic Wildland Firefighting, EMT, Personal Physical Fitness
	4-Year MT College/Univ Prep (Rigorous Core)	English II; Geometry, Physical Science, World History	
	<b>CTE and/or Electives</b>	Health and PE, Woods II, Accounting I	
<b>11th</b>	Graduation Requirements Workforce/2-Year College Prep	English III; Algebra II, Chemistry; American History, Fine Art	<b>Other Recommended CTE Courses:</b> Woods I & II, Drafting, Accounting, Crime and Justice, Welding
	4-Year MT College/Univ Prep (Rigorous Core)	English III, Trig, Chemistry; American History, Fine Art	
	<b>CTE and/or Electives</b>	Advanced PE, Technical Drafting or Welding	
<b>12th</b>	Graduation Requirements Workforce/2-Year College Prep	Senior English or College Writing ( <b>WRIT 101</b> ), Gov't, Personal Finance, Elective	<b>Career &amp; Technical Student Organization(s):</b> HOSA
	4-Year MT College/Univ Prep (Rigorous Core)	College Writing ( <b>WRIT 101</b> ), Calculus, Gov't, Personal Finance, Ecology	
	<b>CTE and/or Electives</b>	Personal Physical Fitness ( <b>FIRE107</b> ), Basic Wildland Firefighting ( <b>FIRE106</b> ), Crime & Justice	

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

<b>CTE START courses:</b>
<b>Advanced Placement or IB courses:</b>
<b>Dual Enrollment courses:</b> WRIT101 College Writing, BIOB160 Principles of Living Systems, FIRE 106 Wildland Firefighting, FIRE 107, Personal Physical Fitness
<b>Online courses:</b> MTDA: Introduction to Health Occupations, HR 110T Human Relations and Career Development
<b>Other:</b> Work Experience: Volunteer Fire Department; EMT Training as On-Campus Experience

### POSTSECONDARY PROGRAM OF STUDY (72 credits)

	<b>Math</b>	<b>English</b>	<b>Major</b>	<b>Other</b>
<b>13—Semester 1</b>	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)
<b>13—Semester 2</b>			Wildland Fire Fighting FIRE106 (3) Hazardous Materials FIRE110 (3) Emergency Services Customer Service	Personal Physical Fitness II FIRE108 (1)

			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)	
<b>14—Semester 1</b>	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)	
<b>14—Semester 2</b>			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)	Human Relations HR110T OR Fundamentals of Organizational Psychology PSYX161

## MONTANA POSTSECONDARY OPPORTUNITIES

*Montana University System Degree and Program Inventory: <http://www.homepage.montana.edu/~mus/drginv/>  
Your Guide to Montana's Certificate and Associate Degree Programs: <http://mus.edu/twoyear/YourGuide.html>*

<b>MSU Two Year Colleges and Programs:</b> City College MSUB—Billings (CC); Great Falls College MSU—Great Falls (GFC); Helena College UM—Helena (HC) Highlands College MT Tech— Butte(HC-Tech); Missoula College UM—Missoula (MC); Gallatin College MSU—Bozeman(GC)	<b>Community Colleges:</b> Dawson Community College (DCC) Flathead Valley Community College (FVCC) Miles Community College (MCC)	<b>Tribal Colleges:</b> Aaniiih Nakoda College (ANC);Blackfeet Community College(BCC); Chief Dull Knife College (CDKC);Fort Peck Community College (FPCC);Little Big Horn College (LBHC);Stone Child College (SCC);Salish Kootenai College (SKC)	<b>Four Year Colleges/Universities:</b> MSU—Bozeman; MSUB—Billings; MSUN—Havre; MT Tech—Butte; UM— Missoula; UMW—Dillon
<b>MILITARY</b>	<ul style="list-style-type: none"> <li>Requires diploma or GED</li> <li>17 with parental consent; 18 without</li> </ul>	Air Force, Air Guard, Army, Coast Guard, Marines, and Navy For more information: <a href="http://todaysmilitary.com">http://todaysmilitary.com</a>	
<b>PROFESSIONAL CERTIFICATE</b>	<ul style="list-style-type: none"> <li>Requires diploma or GED</li> <li>Less than 30 credits; little/no general ed credits</li> <li>Complete in one year or less</li> </ul>	Public Safety Communications — GFC Legal Support Specialist -- HC	
<b>APPRENTICESHIP</b>	<ul style="list-style-type: none"> <li>Requires diploma or GED</li> <li>Must be at least 18</li> <li>Minimum 2,000 hours of supervised experience</li> </ul>	See the MT Dept of Labor website for more information: <a href="http://wsd.dli.mt.gov/apprenticeship/default.asp">http://wsd.dli.mt.gov/apprenticeship/default.asp</a>	
<b>CERTIFICATE OF APPLIED SCIENCE</b>	<ul style="list-style-type: none"> <li>Requires diploma or GED</li> <li>30-45 credits; limited general education credits</li> <li>Complete in one year or less</li> </ul>	Correctional Officer — DCC Tribal Legal Studies — BCC	
<b>ASSOCIATE OF APPLIED SCIENCE DEGREE</b>	<ul style="list-style-type: none"> <li>Requires diploma or GED</li> <li>60-72 credits; includes 15-25 general ed credits</li> <li>Complete in two years (<i>if prepared academically in math and English</i>)</li> </ul>	Criminal Justice — DCC, FVCC Criminal Justice Peace Officer — DCC Criminal Justice Private Security — DCC Fire and Rescue Technology — HC, GFC Paralegal Studies — MC	
<b>BACCALAUREATE DEGREE</b>	<ul style="list-style-type: none"> <li>Requires 4-year college prep for admission</li> <li>128 credits (approximately)</li> <li>Complete in four years</li> </ul>	Criminal Justice — MSUB, MSUN Sociology/Criminology Option — UM	

*Degree and Program Inventory above may not be all inclusive*