



Pathway: Health Sciences & Public Safety

Plan of Study: Emergency & Fire Management Services

Career Goal (O*Net Code): EMT/Paramedic (29-204), Municipal Firefighter (33-2011), Police, Fire, Ambulance Dispatcher (43-5031), Emergency Management Specialist (13-1061) Registered Nurse (29-111) Life guard, Ski Patrol (33-9092) Homeland Security , Forest Fire Fighter (33-2011)

Suggested High School Courses

High School	9 th	Core Academic Courses*:	English 100 & 101, World Geography, Science (Ecology, Astronomy, Chemistry, Geology), Algebra I/CMIC I	Suggested Electives: Physical Education Computer applications, Foreign Language
		Career Path Courses:	Intro to Emergency Services/ Community Emergency Response Team (CPR/First Aid)	
10 th	Core Academic Courses*:	English 200 & 210, Speech/Adolescent Issues, World History, Geometry/CMIC 2, Biology,	Suggested Electives: Foreign Language Team Sports Computer Applications	
	Career Path Courses:	First Responder-(AHA Health care provider CPR)		
11 th	Core Academic Courses*:	English III, Algebra II/ or other, Intermediate Chemistry, US History	Suggested Electives: Lifeguard, Med Prep or Pharmacy Tech, Physical Training	
	Career Path Courses:	First Responder, Intro to Fire Science		
12 th	Core Academic Courses*:	English IV, Adv. Algebra, Trig or other math, Anatomy/Physiology and/or Physics, American Government,	Suggested Electives: Lifeguard, Med Prep or Pharmacy Tech, Physical Training	
	Career Path Courses:	EMT-Basic, Intro to Fire Science		

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: San Juan Basin Technical College: First Responder, EMT-Basic, Med Prep, Pharmacy Tech, and Medical Coding Pueblo Community College: Chemistry, College Algebra Advanced Placement Biology, Advanced Placement Chemistry,
	Industry Recognized Certificate(s) or License(s): First Responder, EMT-B, American Heart Association Health Care Provider CPR, Community Emergency Response Team Homeland Security Completion of the Course Certificate, CNA

Colorado Postsecondary Programs Available

Colorado Institutions

Entrance Exams/ Requirements

Postsecondary Education Opportunities	Colorado Postsecondary Programs Available	Colorado Institutions	Entrance Exams/ Requirements
Certificate	First Responder EMT-Basic EMT-Intermediate Paramedic Firefighter 1 & 2 Wild land Firefighter II Wild land Firefighter I (Adv. FF Type I/Squad Boss)	AVS: Delta/Montrose Tech., Emily Griffith, Pickens Tech., San Juan Basin Tech. Community Colleges/Colleges: Aims CC, Arapahoe CC, Colorado Mountain College, Colorado Northwestern CC, CC of Denver, Front Range CC, Lamar CC, Mesa State, Morgan CC, Northeastern Jr. College, Otero Jr. College, Pikes Peak CC, Pueblo CC, Red Rocks CC, Trinidad State Jr. College, Western Colorado CC	Varies according to program. Check with instructor
Associate Degree	Emergency Medical Services Fire Science Nursing Rad Tech	Aims CC, Colorado Northwestern CC, CC of Aurora, CC of Denver, Front Range CC, Lamar CC, Morgan CC, Northeastern Jr. College, Otero Jr. College, Pikes Peak CC, Pueblo CC, Red Rocks CC, Trinidad St. Jr. College, Mesa State, Western Colorado CC	High School Diploma, ACT or Accuplacer
Bachelor Degree	Fire and Emergency Services Administration Nursing	Colorado State University Adams State College	High School Diploma, ACT
Graduate Degree	Forensic Science, MS	University of Colorado, Colorado Springs	See School's admission website

Career & Technical Education is delivered through the Colorado Community College System

www.cccs.edu



Cluster Overview: The **Law, Public Safety, Corrections and Security Career Cluster** prepares students in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Extended Learning Experiences		
Curricular Experiences: HOSA Guest Speakers from the emergency services field Field Trips throughout the community related to emergency services	Extracurricular Experiences: Colorado State Patrol Youth Academy Volunteer Firefighter Ride along Farmington Fire Montezuma County Sheriff's Dept Citizen's Academy	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Southwest Memorial Hospital Job Shadowing, Internships	Program Accreditation and/or Professional Association(s): Examples: National Association of EMS Educators National EMS Management Association Examples: Fire Department Safety Officers Association Federal Law Enforcement Officers Association International Association of Arson Investigators International Association of Firefighters International Fire Service Training Association	
Service Learning Experiences: Volunteer to teach safety at the Jungle mobile Volunteer Assisted Living Facility Volunteer Firefighter Volunteer to promote program at Cortez Middle School Career Fair		
Career Options:		Salary Range:
Certificate	EMT-Paramedic, Emergency Care Attendant, Emergency Medical Technician, Police Officer, Fire Fighter Emergency Dispatcher, Ski Patrol/Lifeguard	\$-\$\$
Associate Degree	Emergency Medical Technician, Paramedic Emergency Services , any allied health occupation , Fire Fighter Engineer, Emergency Management Specialist	\$-\$\$
Bachelor Degree	Emergency Room Nurse; Physician Assistant	\$\$-\$\$\$
Graduate Degree	Emergency Services Administrator, Municipal Administrator, Federal Regional Policy Administrator	\$\$\$-\$\$\$\$

* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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