



Pathway: Health Sciences

Plan of Study: Academy of Health Sciences

Career Goal (O*Net Code): Medical doctor/Internist(29-1062.00), Dentist (29-1021.00), Registered Nurse (29-1111.00), LPN/LVN (29-2061.00), Pharmacist (29-1051.00), Pharmacy Technicians (29-2052.00) EMT/Paramedics (29-2041.00), Fire Fighters (3302011.01)

Suggested High School Courses

High School	9 th	Core Academic Courses*:	English I, Biology, Algebra I (or higher), American Society, World Language, Physical Education, Health I, Freshmen Seminar	Suggested Electives: JROTC
		Career Path Courses:	Health II	
* Default includes CDHE Higher Education Admission Requirements	10 th	Core Academic Courses*:	English II, Chemistry, Geometry (or higher), World History/Geography, World Language	Suggested Electives: JROTC, Intro to Athletic Training
	Career Path Courses:	Health Occupations		
	11 th	Core Academic Courses*:	English III, Anatomy/Physiology, Algebra II, US History, World Language	Suggested Electives: Medical Ethics Athletic Training
	Career Path Courses:	Medical Terminology, Nursing Assistant (CNA), Nursing Assistant Clinical, EMS First Responder		
	12 th	Core Academic Courses*:	English IV, Pre-Calc/Trig, American Government	Suggested Electives: Advanced Athletic Training
	Career Path Courses:	EMT, EMT Clinical		

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: NUA 101, 170 and 171; EMT Basic 125 and 170, EMS 115 – First Responder
	Industry Recognized Certificate(s) or License(s): Certified Nurse Assistant (CNA), Emergency Medical Technician (EMT), First Responder

Postsecondary Education Opportunities	Colorado Postsecondary Programs Available		Colorado Institutions	Entrance Exams/ Requirements
	Certificate	Certified Nursing Assistant First Responder EMT Practical Nurse		Pikes Peak Community College Pueblo Community College Mesa State College Pickens Technical Institute Aims Community College
Associate Degree	Registered Nurse – ADN		Pikes Peak Community College Pueblo Community College Aims Community College	High School diploma GED
Bachelor Degree	Registered Nurse Pre-Pharmacy Pre-Med Pre-Dentistry		Adams State University UCCS – Beth El College of Nursing Mesa State University University of Northern Colorado CU Health Sciences	4 yrs of English 4 yrs of Math 3 yrs of Science 3 yrs of Social Science 1yr Foreign Lang 2 yrs electives ACT/SAT
Graduate Degree	Nurse Practitioner Pharmacist Medical Doctor Dentist		UCCS – Beth El College of Nursing University of Northern Colorado University of Denver CU Health Sciences	BS degree Minimum of 3.0 GPA

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

www.cccs.edu



Cluster Overview: The **Health Science Career Cluster** prepares students for careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Extended Learning Experiences

<p>Curricular Experiences: HOSA – Health Occupation Students of America</p>	<p>Extracurricular Experiences: National Youth Leadership Forum on Medicine AFA teens – A branch of The Alzheimer’s Foundation of America Explorer Post at various Fire Stations</p>
<p>Work-Based Learning Experiences: Memorial Learning Link Paid or Unpaid job in field</p>	<p>Program Accreditation and/or Professional Association(s): National HOSA National Association of Student Nurses National Registry of Emergency Medical Technicians State Certification of Emergency Medical Technicians</p>
<p>Service Learning Experiences: Volunteer at local hospital Volunteer at local long term care facility Volunteer with American Red Cross Volunteer with American Heart Association CPR instructor with American Red Cross or American Heart Association</p>	

Career Options:		Salary Range:
Certificate	<p>Certified Nursing Assistant EMS First Responder EMT</p>	\$ - \$\$
Associate Degree	Registered Nurse (ADN)	\$\$ - \$\$\$
Bachelor Degree	Registered Nurse (BSN)	\$\$ - \$\$\$
Graduate Degree	<p>Nurse Practitioner Pharmacist Medical Doctor Dentist</p>	\$\$\$ - \$\$\$\$

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

Falcon 49 Health Academy does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Tom Junk at (719) 522-2153.