



Pathway: Therapeutic Services

Plan of Study: Nursing

Career Goal (O*Net Code):

Registered Nurse (29-1111), Licensed Vocational Nurse (29-2061), Nurse Aide (31-1012).

Suggested High School Courses

High School	9 th	Core Academic Courses*:	English I00 & 101, World Geography, Science (Ecology, Astronomy, Chemistry, Geology) Algebra 1/CMIS 1	Suggested Electives: Keyboarding Physical Education
		Career Path Courses:	Intro to Emergency Services/Community Emergency Response Team (CERT) (CPR/First Aid)	
10 th	Core Academic Courses*:	English 200 & 210, Speech/Adolescent Issues, World History, Geometry/CMIS 2, Biology	Suggested Electives: Foreign Language Team Sports	
	Career Path Courses:	First Responder		
11 th	Core Academic Courses*:	English 300, Algebra II/ or other, Chemistry, US History	Suggested Electives: Med Prep, Medical Administration	
	Career Path Courses:	First Responder		
12 th	Core Academic Courses*:	English 400, Trigonometry or other Math, Anatomy & Physiology and/or Physics, American Government	Suggested Electives: ISpeech, Medical Coding, Med Prep, Pharmacy Tech., CNA	
	Career Path Courses:	EMT-Basic or First Responder		

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options:
	Dual Credit: SJBTC: HPR 108 Dietary Nutrition, HPR 178 Medical Terminology, & Certificate Programs in Med Prep, Pharmacy Tech, Medical Administration, Medical Coding, First Responder, EMT Basic and CNA Dual Credit: PCC: BIO 106, 210 or 202 Human Anatomy and Physiology, ENG 110, 113, 115, or 121 English Composition.
Industry Recognized Certificate(s) or License(s):	CNA (Certified Nurse Assistant)

Postsecondary Education Opportunities		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/ Requirements
		Certificate	Practical Nursing, Home Health Aide, Nurse Aide	AVS: Delta/Montrose, Emily Griffith, Pickens, San Juan Basin Community Colleges/Colleges: Aims CC, Arapahoe CC, Colorado Mountain College, Colorado Northwestern CC, CC of Denver, Front Range CC, Lamar CC, Morgan CC, Northeastern Jr. College, Otero Jr. College, Pikes Peak CC, Pueblo CC, Western Colorado CC, Mesa State College, Red Rocks CC, Trinidad State Jr. College
Associate Degree	Registered Nursing	Aims CC, Front Range Cc, Arapahoe CC, Colorado Mountain College, Colorado Northwestern CC, CC of Denver, Lamar CC, Morgan CC, Northeastern Jr. College, Otero Jr. College, Pikes Peak CC, Pueblo CC, Trinidad State Jr. College, Western Colorado CC, Mesa State College	High School diploma/GED	
Bachelor Degree	Nursing, BSN	Adams State College, Mesa State College, Metropolitan State College of Denver, Univ. of Northern Colorado More options: collegeincolorado.org	See each school's Admissions website.	
Graduate Degree	Nursing, MS, PhD; Nursing, MS; Nursing, MS, PhD; Nursing Education, PhD; Nursing, MS	University of Colorado - Health Sciences Center, Colorado State University - Pueblo, University of Colorado-Colorado Springs, More options: collegeincolorado.org	See each school's Admissions website.	

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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:</p> <p>Example: Health Occupations Students of America</p>	<p>Extracurricular Experiences:</p> <p>Examples: National Youth Leadership Forum on Medicine Medical Mission Trips Special Olympics</p>
<p>Work-Based Learning Experiences:</p> <p>Career Preparation – Paid and Unpaid, Job Shadowing, Internships</p>	<p>Program Accreditation and/or Professional Association(s):</p> <p>Examples: American Nurses Association National Federation of Licensed Practical Nurses American Association of Nurse Anesthetists National League for Nursing Accrediting Commission, Inc.</p>
<p>Service Learning Experiences:</p> <p>Example: Community Service Volunteer</p>	

Career Options:		Salary Range:
Certificate	Nurses Aide, Practical Nurse, Licensed Vocational Nurse , Nursing Assistant, CAN with Medication Authority	\$\$
Associate Degree	Registered Nurse: with specialities in OB, Peds, Home Health, etc.	\$\$ - \$\$\$
Bachelor Degree	Nurse, BSN, School Nurse, Nursing Supervisor, Health Educator, OB, Peds, Home Health, etc.	\$\$ - \$\$\$
Graduate Degree	Director of Nursing, Nurse Practitioner, Nursing Informatics, Nursing Instructors, Postsecondary, Nursing Administration, Certified Registered Nurse Anesthetist, Certified Nurse Midwife, Clinical Nurse Specialist	\$\$\$ - \$\$\$\$

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