



## 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 <sup>th</sup>	Core Academic Courses*:	English 1, Algebra 1, Freshman Science, American History 1, Civics	Suggested Electives: Computer Applications Physical Education Health
		Career Path Courses:		
* Default includes CDHE Higher Education Admission Requirements	10 <sup>th</sup>	Core Academic Courses*:	English 2, Geometry, American History 2 & 3, Biology	Suggested Electives: Foreign Language
		Career Path Courses:	Introduction to Health Occupations	
	11 <sup>th</sup>	Core Academic Courses*:	English 3, Algebra 2	Suggested Electives: Chemistry, Sociology or Psychology (FRCC)
		Career Path Courses:	Introduction to Health Occupations, Med Prep 1, Med Prep Lab 1, Med Prep 2, Med Prep Lab 2	
	12 <sup>th</sup>	Core Academic Courses*:	English 4, Trigonometry or other math, Environmental Science	Suggested Electives: AP Biology, Anatomy and Physiology, Speech, AP Chemistry
		Career Path Courses:	Introduction of Health Occupations, Med Prep 1, Med Prep Lab 1, Med Prep 2, Med Prep Lab 2,	

#### Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options:
	HPR 100 Intro to Health, HPR 101 Customer Service in Health Care, HPR 104 Health Career Options, HPR 106 Law & Ethics, HPR 178 Medical Terminology, MOT 136 Intro to Clinical Skills, EMS 115 First Responder (FRCC), PT 1111, PT 1112, PT 1113, PT 1117 Pharmacy Technician (FRCC)
Industry Recognized Certificate(s) or License(s):	CNA (Certified Nurse Assistant), BLS (American Heart Association Basic Life Support)

Postsecondary Education Opportunities		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/ Requirements
		Certificate	Practical Nursing, Home Health Aide, Nurse Aide	<b>AVS:</b> Delta/Montrose, Emily Griffith, Pickens, San Juan Basin <b>Community Colleges/Colleges:</b> 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.	

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

[www.cccs.edu](http://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		
<b>Curricular Experiences:</b>  Example: Health Occupations Students of America	<b>Extracurricular Experiences:</b>  Examples: National Youth Leadership Forum on Medicine Blood Pressure Clinics Sponsoring Health Care Guest Speakers	
<b>Work-Based Learning Experiences:</b>  Clinical Rotations, Career Preparation – Paid and Unpaid, Job Shadowing, Internships	<b>Program Accreditation and/or Professional Association(s):</b>  Examples: Long Term Care and Rehabilitation Facilities, MC2 Internship with Children's Hospital, Community Healthcare Settings, University Of Colorado Health Sciences Center	
<b>Service Learning Experiences:</b>  Example: Volunteer at Burn Unit		
Career Options:		Salary Range:
Certificate	Nurses Aide, Practical Nurse, Licensed Vocational Nurse , Nursing Assistant, CNA 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

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