



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 * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English I, Algebra II or Geometry, Earth/Physical Science, US History, Reading I	Suggested Electives: Computer Concepts Physical Education
		Career Path Courses:	Computer Concepts, Health Academy I	
	10 th	Core Academic Courses*:	English II, Algebra II or Geometry, Biology, World History, Foreign Language II	Suggested Electives: Health Academy, Physical Education
		Career Path Courses:	Health Academy II; Online courses: Health, Psychology, Fitness, Biotechnology	
	11 th	Core Academic Courses*:	English III or College level English; Math: PreCalculus, College Remediation, or College Algebra; Science: Chemistry, Anatomy, Physics, Applied Science, or Health Academy; American Government, Foreign Language	Suggested Electives: Meet with Advisor to determine the best electives for you..
		Career Path Courses:	Health Internships, Employment In Health Science, College level courses (prerequisites for Nursing Program)	
	12 th	Core Academic Courses*:	English IV or College level English; Math: College Algebra, Statistics, or Calculus; Science: Chemistry, Anatomy, Physics, Health Academy, or College Science courses; Foreign Language, Senior Seminar	Suggested Electives: Meet with Advisor to determine the best electives for you.
		Career Path Courses:	Health Internships, Employment In Health Science, College level courses (prerequisites for Nursing Program)	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: Dual credit can be earned for the following college courses at Trinidad State Junior College or Pueblo Community College: Basic Biology Concepts, General Biology, General Chemistry, Anatomy and Physiology, Microbiology, Psychology, Human Growth and Development, and Basic General Educational Requirements for a degree. Additional college courses can be taken online. (Check availability of courses with your advisor) ACP CREDIT- NUA 101, NUA 170 etc.
	Industry Recognized Certificate(s) or License(s): CNA (Certified Nurse Assistant); Feeding Assistant Certification

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	High School diploma/GED
	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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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		
Curricular Experiences: Health Occupations Students of America Health Academy Sisters of Color Promotora Training/Certification	Extracurricular Experiences: National Youth Leadership Forum on Medicine; Medical Mission Trips; Special Olympics; STEM Student Workshop at CSU Fort Collins; School Newspaper; Yearbook; Future Business Leaders of America (FBLA); EPYCS (El Pomar Youth in Community Service); Class Officers, Student Council, PRIDE (Panthers Realizing the Importance of Drug Education); SADD (Students Against Destructive Decisions); MESA (Mathematics, Science, & Engineering Achievement; Knowledge Bowl; Sports; Tutor for any subject;	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships	Program Accreditation and/or Professional Association(s): Health Occupations Students of America	
Service Learning Experiences: Girl Scouts of the USA, EPYCS (El Pomar Youth in Community Service, Boy Scouts of America, American Cancer Society's Relay for Life, Summer Youth Sports Programs, Community Service Volunteer (through Churches, Nursing Home, Hospital, Share Program, Sheltered workshop for the Disabled, Advocates Against Domestic Assault, Headstart, Library, Schools, Equine Therapy Programs, etc.)	State Board of Nursing- CSBON	
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

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