



Pathway: Health Sciences Technology

Plan of Study: Nursing, Phlebotomy, and Pharmacy Technician

Career Goal (O*Net Code): Nursing – Registered Nurse (29.1111.00); Home Health Aide (31-1011.00)

Suggested High School Courses

High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English 9, Cultural Geography, Geometry, Physical Science, Freshman PE, Foreign Language I,	Suggested Electives: General Health Freshman seminar
		Career Path Courses:	Health Careers Exploration	
	10 th	Core Academic Courses*:	English 10, World History, Algebra I, Biology, Foreign Language II	Suggested Electives: Computer apps Practical arts (2)
		Career Path Courses:	First Responder/CPR	
	11 th	Core Academic Courses*:	English 11, US History, Algebra II, Chemistry, Foreign Language III,	Suggested Electives: (+2)
		Career Path Courses:	Certified Nurse Assistant Training	
	12 th	Core Academic Courses*:	English 12, Civics/Political Science, Pre-calc/Trig or other math, Physics	Suggested Electives: Honors Anatomy & Physics (+2)
		Career Path Courses:	Phlebotomy Training, Pharmacy Technician Training	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning

Postsecondary Credit Options:

- Honors Anatomy & Physiology: BIO 106 Basic Anatomy & Physiology (4 credits)
- Health Careers Exploration: MOT 136 Intro to clinical skills (2 credits)
- First Responder/CPR: HPR 102 CPR for Health Care Providers (.5-2 credits)
- Certified Nurse Assistant Training: NUA 101CNA Training (4 credits). NUA 170 CNA clinicals (1 credit)
- Phlebotomy Training: HPR 112 Phlebotomy
- Pharmacy Technician Training:
 - PHT 111 Orientation to Pharmacy (3 credits)
 - PHT 112 Pharmacy Law (2 credits)
 - PHT 113 Pharmacy Calculations and Terminology (1 credits)
 - PHT 114 Computer Skills for Pharmacy Technicians (1cr)
 - PHT 115 Pharmacology I (3credits)
 - PHT 116 Institutional Pharmacy (3credits)
 - PHT 117 Communication for Pharmacy Technicians (1 credits)
 - PHT 118 Pharmacology II (3 credits)
 - PHT 120 Medical Insurance Procedures (1 credits)

Industry Recognized Certificate(s) or License(s):

- First Responder
- CPR
- CNA
- Phlebotomy
- Pharmacy Technician

		Colorado Postsecondary Programs Available	Colorado Institutions	Entrance Exams/ Requirements
Postsecondary Education Opportunities	Certificate	1.CNA 2.Phlebotomy 3.Pharmacy Technician	www.collegeincolorado.org Brighton High School Brighton High School Brighton High School	1.Health Careers Exploration 2.CNA training 3.Minimum acuplacer scores for Math & English
	Associate Degree	Associate Degree in Nursing	www.collegeincolorado.org Front Range Community College Northeastern Jr. College (Sterling)	NUA 101 NUA 170 BIO 201 BIO 202 ENG 121 MAT 120
	Bachelor Degree	BSN	www.collegeincolorado.org UNC Greeley REGIS CU Medical Center CSU Pueblo	NUA 101 NUA 170 BIO 201 BIO 202 ENG 121 MAT 120
	Graduate Degree	MSN	www.collegeincolorado.org CU Medical Center University of Phoenix	BSN

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: HOSA

Extracurricular Experiences:

9 health fair
BHS health fair

Work-Based Learning Experiences:

CNA-job shadow Clinicals
Phlebotomy – job shadow
Pharmacy Tech – job shadow and internship at large medical facility and community pharmacy

Program Accreditation and/or Professional Association(s):

CNA program accredited by the Colorado State Board of Nursing

Service Learning Experiences:

Nursing home or hospital volunteer

Career Options:

Salary Range:

Certificate	CNA Phlebotomist Pharmacy Technician	\$12.00/hour \$16.00/hour \$18.00/hour
Associate Degree	Associate Registered Nurse	\$44,000/year
Bachelor Degree	BSN	\$58,00.00/year
Graduate Degree	MSN	\$85,000/year

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

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