



Pathway: Diagnostic Services

Plan of Study: Phlebotomy

Career Goal (O*Net Code): Medical and Clinical Laboratory Technician 29-2012.00; Medical and Clinical Laboratory Technologist 29-2011.00

Suggested High School Courses

High School	9 th	Core Academic Courses*:	English I, Algebra I, Biology, State History/Civics	Suggested Electives: I Computer Applications
		Career Path Courses:	Health Science Technology I - Introduction to Health Science	
10 th	Core Academic Courses*:	English II, Geometry, Chemistry, US History, Foreign Language I	Suggested Electives: Speech	
	Career Path Courses:	Health Science Technology II - Health, Safety and Ethics		
11 th	Core Academic Courses*:	English III, Algebra II/ or other, Physics	Suggested Electives: Medical Terminology	
	Career Path Courses:	Health Science Technology III - Employment in Health Occupations		
12 th	Core Academic Courses*:	English IV, Trigonometry or other Math, Anatomy & Physiology or other lab based science	Suggested Electives: Human Growth and Development	
	Career Path Courses:	Health Science Technology IV - Introduction to Phlebotomy		

* Default includes CDHE Higher Education Admission Requirements

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: HPR100 Intro to Health, HPR 102 CPR for Professional, HPR 112 Phlebotomy, HPR 106 Law & Ethics, HPR 178 Medical Terminology, COM 105 Career Communications, PSY 235 Human Growth and Development, HPR 180 Phlebotomy Internship
	Industry Recognized Certificate(s) or License(s): Phlebotomy Technician

Postsecondary Education Opportunities	Postsecondary Programs Available in Colorado		Colorado Institutions	Entrance Exams/ Requirements
	Certificate	Phlebotomy		Arapahoe Community College Community College of Denver Morgan Community College Pueblo Community College Pikes Peak Community College Red Rocks Community College
Associate Degree	Medical Laboratory Technician		Arapahoe Community College Western Colorado Community College Colorado State University - Pueblo	High School diploma/GED
Bachelor Degree	Biology emphasis Medical Technology Chemistry emphasis Medical Technology		Metro State College-Denver University of Northern Colorado	See each school's Admissions website.
Graduate Degree	Masters Biology Masters Chemistry Pathologist		University of Northern Colorado More options at: www.collegeincolorado.org	See each school's Admissions website.

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: Example: Health Occupations Students of America	Extracurricular Experiences: Examples: Health Fairs Phlebotomy Organizations	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships	Program Accreditation and/or Professional Association(s): Examples: American Society of Phlebotomy Technicians American Medical Technologists American Society for Clinical Pathology National Certification Agency for Medical Laboratory Personnel	
Service Learning Experiences: Example: Community Service Volunteer		
Career Options:		Salary Range:
Certificate	Phlebotomy Technician	\$\$-\$\$\$
Associate Degree	Medical Laboratory Technician	\$\$ - \$\$\$
Bachelor Degree	Chemistry with emphasis in Medical Technology	\$\$-\$\$\$
Graduate Degree	Biology and/or Chemistry with emphasis in research or education	\$\$\$\$

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

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