



Pathway: Health Informatics/Therapeutic Services

Plan of Study: Medical Administration

Career Goal (O*Net Code): Examples: Healthcare Administrator (11-9111), Medical and Health Services Manager (11-9111). Medical Secretary (43-6013), Medical Assistant (31-9092).

Suggested High School Courses

High School	9 th	Core Academic Courses*:	English I, Algebra I, Biology, World Geo/Civics, Foreign Language I	Suggested Electives: Computer Applications Physical Education
		Career Path Courses:	Health Careers Exploration, Begin Portfolio Development	
* Default includes CDHE Higher Education Admission Requirements	10 th	Core Academic Courses*:	English II, Geometry, Chemistry, World History, Foreign Language II	Suggested Electives: Psychology Technical Writing
		Career Path Courses:	Health Communications/ Exploration, - Health, Safety, and Ethics	
	11 th	Core Academic Courses*:	English III, Algebra II or other, Chemistry/Physics, US History	Suggested Electives: Accounting
		Career Path Courses:	IHealth Science Technology E-Portfolio development	
	12 th	Core Academic Courses*:	English IV, Trigonometry or other Math, Anatomy and Physiology	Suggested Electives: Business Foundations Microsoft Office
		Career Path Courses:	Senior Option: Medical Office Technology	

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
	Industry Recognized Certificate(s) or License(s): Billing and Coding; CMA; RMA

		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/ Requirements
Postsecondary Education Opportunities	Certificate	Medical Office Technology: Medical Office Management/Administration, Medical Administrative Assistant, Medical Assistant (MA)	Community Colleges/ Arapahoe CC Aims CC, CC of Denver, Front Range CC, Lamar CC, Morgan CC, Pikes Peak CC, Red Rocks CC, Trinidad State Junior College AVS: Emily Griffith Opportunity School, Pickens Technical College	High School diploma/GED
	Associate Degree	Medical Administrative Assistant, Medical Office Technologies; Medical Assistant, Medical Practice Manager	Arapahoe CC Aims CC, Mesa State College, Front Range CC, Morgan CC, Pikes Peak CC, Red Rocks CC	High School diploma/GED
	Bachelor Degree	Health Care Management	Metropolitan State College of Denver More options at: www.collegeincolorado.org	See each school's Admissions website.
	Graduate Degree	Health Care Administration, MS; International Health Management and Policy, MS; Executive MBA (Health Administration); Public Health, MPH	Univ. of Colorado-Colorado Springs, Univ. of Colorado-Denver, Univ. of Colorado-Denver Health Sciences Center, University of Northern Colorado 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

<p>Curricular Experiences:</p> <p>Health Occupations Students of America (HOSA) Executive Internship Course</p>	<p>Extracurricular Experiences:</p> <p>National Youth Leadership Forum on Medicine Medical Mission Trips Special Olympics Camps (Boy Scout, Girl Scout, Easter Seals)</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>American Association of Medical Assistants Endowment Association of University Programs Health Administration National Commission for Health Education Credentialing American Public Health Association</p>
<p>Service Learning Experiences:</p> <p>Medical Office Volunteer Health Fair Volunteer NonProfit Health Organization (ex. Heart Association)</p>	

Career Options:		Salary Range:
Certificate	Medical Billing Clerk, Medical Office Assistant	\$ - \$\$
Associate Degree	Medical Assistant, Medical Practice Manager	\$ - \$\$
Bachelor Degree	Healthcare Administrator, Medical and Health Services Manager, Public Health Educator, Patient Advocate, Data Analyst	\$\$ - \$\$\$\$
Graduate Degree	Researcher, Healthcare System Manager, Medical Consultant, Public Health Administrator	\$\$\$ - \$\$\$\$

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

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