

Health Science and Medical Technology



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Medical Technology**

Do you have: a concern for people and their problems?
 the ability to be alert and composed in a crises?
 good physical skills and enjoy activities which promote physical stamina?
 an ability to think critically and creatively?
 the ability to be flexible? Do you enjoy varied tasks?
 the ability to work as part of a team?
 a thoughtful, sensitive and patient demeanor?

About this Sector

The Healthcare field is one of the fastest growing career pathways with numerous opportunities of future employment in the state of California. Health care, with its advanced technologies and high degree of specialization, offers many individual challenges. The health services industry has responded to trends toward low cost medical care with new market forces and changes in its delivery system making this an exciting field. Anyone who is willing to accept such changes will find that the health care field promises a wide variety of career choices.

Sample Careers in Health Care

Entry Level Careers

(with high school diploma)

Physical Therapy Assistant
 Respiratory Care Practitioner
 Optometric Assistant
 Medical Assistant
 Medical Office Secretary
 Home Health Aide
 Laboratory Assistant
 Pharmacy Aide
 Dental Assistant
 Medical Equipment Preparers
 Personal and Home Care Aide
 Psychiatric Aides
 Veterinary Assistants
 Laboratory Animal Caretakers
 Biotechnology Assistant
 Central Supply Aide
 Geriatric Assistant

Technical Level Careers

(with AA or AS degree or certificate)

Certified Nursing Assistant - CNA
 Pharmacy Technician
 Registered Nurses (2 yr)
 Paramedic
 Operating Room Technician
 Medical Records Technician
 Emergency Medical Technician - EMT
 Licensed Vocational Nurse - LVN
 Radiology Technologist
 Dental Lab Technician
 Respiratory Therapists
 Cardiovascular Technologists
 Dental Hygienist
 Diagnostic Medical Sonographers
 Biomedical Technician
 Environmental Services Technician
 Gerontologist

Professional Level Careers

(with BS or BA degree)

Surgeons
 Speech-Language Pathologists
 Registered Nurses (4 yr)
 Pharmacists
 Physicians
 Orthodontists
 Nurse Practitioner
 Anesthesiologists
 Athletic Trainers
 Dietitians and Nutritionists
 Clinical Trials Researcher
 Biomedical Chemist
 Geneticist
 Health Services Administrator
 Industrial Hygienist
 Materials Management Supervisor
 Medical/Public Health Social Workers

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Intro to Careers in Healthcare (CEO)	Psychology (g)
ROP Medical Terminology@	Sociology (g)
ROP Med Services Occupations	AP Psychology
ROP Ethics in Healthcare@ (g)	Health
ROP Pharmacology for Healthcare@ (g)	Anatomy & Physiology (d)
ROP Med Asst Front Office@	Physics (d)
ROP Emergency Medical Responder@	AP Chemistry (d)
ROP Careers in Nutrition/Wellness@ (g)	AP Biology (d)
Foods I (g)	AP Statistics (c)
Foods II (g)	AP Human Geography (a)
Foods Adv@	Athletic Training
AVID	Contest Speech I, II (g)

CVHS Pathways for this Sector:

ROP Medical Terminology
 ROP Med Services Occupations
 ROP Ethics in Health Care
Patient Care:
 ROP Pharmacology for Healthcare
 ROP Med Assistant Front Office
 ROP Em Med Responder (capstone course)
Public and Community Health:
 Athletic Training
 ROP Careers Nutr/Wellness (capstone course)

@ articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

Fire 100, 101
 Sociology 100, 105