

# CAREER OPPORTUNITIES IN HEALTH SCIENCE AND MEDICAL TECHNOLOGY INDUSTRY SECTOR

## 10 TIPS FOR CHOOSING THE RIGHT CAREER FOR YOU

*How does a person know what career to work toward?  
There is no perfect answer, but the following 10 tips will  
get you off to a good start.*

- 1 Get to know yourself** – Complete more than one self-assessment test.
- 2 Identify your strengths and weaknesses** – What do you do well and what do you not do well?
- 3 Develop an inventory of careers** – Write down some careers that might interest you.
- 4 Research different careers** – Talk to others and use the Internet.
- 5 Write the pros and cons** – List positives and negatives about the careers that interest you.
- 6 Network** – Discuss your ideas with others.
- 7 Talk with people who work in your area of interest** – Family and friends are great resources.
- 8 Find a mentor** – Find someone with whom you can discuss your career selection.
- 9 Experiment** – Take a related class or part-time job.
- 10 Don't give up** – "If there is a will, there is a way."



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Health care is one of the fastest-growing career sectors. The Health Science and Medical Technology Industry Sector requires academic and technical skills, as well as the related knowledge necessary for the field. These careers range from entry level to management, including technical and professional specialties. Workers in this field need the knowledge and ability to contribute to the delivery of safe and effective health care. Nearly half of the careers in this area require professional level preparation. Students commonly need the academic background required for entry into postsecondary education. Specific skill sets needed usually include chemistry, physics, math, and biology, plus communication, problem solving, and critical thinking skills. Many careers require state certification or credentials.

Web sites  
for further information:

[www.californiacareers.info](http://www.californiacareers.info)

[www.whodouwant2be.com](http://www.whodouwant2be.com)

[www.californiacolleges.edu](http://www.californiacolleges.edu)

[www.edd.ca.gov/Jobs\\_and\\_Training/](http://www.edd.ca.gov/Jobs_and_Training/)

# Career Pathways



## Biotechnology Research and Development Pathway

Want to search for new answers and develop medical breakthroughs? The Biotechnology Research and Development Pathway includes occupations that use biological science to research and develop applications used to benefit human health.

### CAREERS/CAREER AREAS:

- *Biomedical Chemist* • *Biostatistician*
- *Biotechnology Assistant*
- *Biotechnology Technician*
- *Biomedical Technician*
- *Quality Assurance/Control Technician*
- *Biotechnology Scientist*
- *Bioinformatics Specialist*
- *Clinical Trials Researcher*



## Diagnostic Services Pathway

If you like to help solve medical problems, the Diagnostic Services Pathway may be for you. Analyzing the cause or nature of a person's condition by creating a picture of their health status at a single point in time is the basis of the work performed in diagnostic services.

### CAREERS/CAREER AREAS:

- *Medical Laboratory Aide* • *Transporter*
- *Radiology Technologist* • *Geneticist*

- *Biotechnology Scientist* • *Radiologist*
- *Medical Laboratory Technician*
- *Cardiology Technologist*
- *Biotechnology Engineer*
- *Medical Laboratory Assistant*
- *Clinical Medical Technologist*

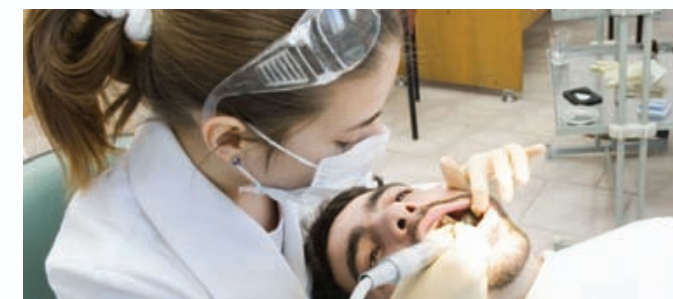


## Health Informatics Pathway

Computer utilization is very fascinating to many people. If you think operating a computer as your primary work focus sounds intriguing, the Health Informatics Pathway may be right for you. Health informatics involves distribution of patient health data organized via the computer. As software continues to be developed, the health informatics job opportunities will continue to grow.

### CAREERS/CAREER AREAS:

- *Medical Records Clerk* • *Health Educator*
- *Health Unit Coordinator* • *Medical Coder*
- *Telehealth Technician* • *Medical Librarian*
- *Medical Record Technician*
- *Medical/Hospital Receptionist*
- *Health Services Administrator*
- *Hospital/Nursing Home Administrator*
- *Medical Transcriptionist*



## Therapeutic Services Pathway

Want to assist patients in overcoming disease, illness, or injury? Occupations that affect the ongoing treatment and rehabilitation of patients are part of the Therapeutic

Services Pathway, which includes an extensive list of entry through professional level career options.

### CAREERS/CAREER AREAS:

- *Physical Therapy Aide* • *Dental Hygienist*
- *Medical Assistant* • *Pharmacist*
- *Exercise Physiologist* • *Physical Therapist*
- *Physician Assistant* • *Dentist*
- *Emergency Medical Technician*
- *Fitness/Aerobics Instructor*
- *Registered Physical Therapy Aide*
- *Licensed Vocational Nurse/Registered Nurse*
- *Pharmacy Technician*
- *Certified Nurses Assistant*
- *Respiratory Therapy Aide*



## Support Services Pathway

The Support Services Pathway provides an opportunity to work directly or indirectly with patients, their environment, and their material needs.

### CAREERS/CAREER AREAS:

- *Industrial Hygienist* • *Health Educator*
- *Central Supply Aide* • *Mortician*
- *Environmental Services Assistant*
- *Central Supply Technician*
- *Environmental Services Technician*
- *Materials Management Supervisor*
- *Environmental Health Specialist*
- *Nursing Home Administrator*

