# Health Science & Medical Technology

## What is Health Science & Medical Technology all about?

Medical careers are in high demand and there is a need for qualified people to fill the positions. Health science and medical technology classes allow students to not only learn about health and medical careers, but to also get first-hand experience while in high school. Hands-on activities, guest speakers, and learning about case studies are just some opportunities available to students in these classes. If you want to learn more about careers in the healthcare field and how to get there yourself, then health science and medical technology classes will be the choice for you.

### TOP 5 REASONS TO TAKE HEALTH SCIENCE & MEDICAL TECHNOLOGY CLASSES IN HIGH SCHOOL:

1. Explore Career Opportunities
2. Learn About the Human Body & How Diseases Affect It
3. Get Industry Certifications (CNA License, CPR, First Aid)
4. Receive Hands-On Training with Local Professionals...
5. With Real Patients in Local Hospitals & Medical Facilities!

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CTE Website

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## BENEFITS OF HEALTH & MEDICAL CLASSES FROM A STUDENT PERSPECTIVE

"I think it is really exciting and fun to learn especially when you are shadowing at the hospital. There are lots of guest speakers in this class so we can learn what type of profession we want to go into." Savannah Pearson Senior

"This class has so many benefits because it opens up a whole new learning opportunity for seeing what profession you might want." Leila Morris Senior

***All courses meet the University of California's A-G list of required courses for college admissions.***

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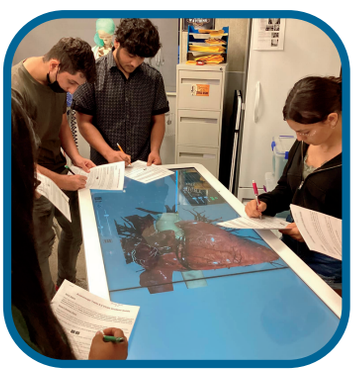
***About the Industry Sector:***

The standards in this sector represent the academic and technical skills and knowledge students need to pursue a full range of career opportunities in health science and medical technology, from entry level to management as well as technical and professional career specialties. The standards describe what workers need to know and be able to do to contribute to the delivery of safe and effective health care. The six career pathways are grouped into functions that have a common purpose and require similar attributes. The pathways are Biotechnology, Patient Care, Health Care Administrative Services, Health Care Operational Support Services, Public and Community Health, and Mental and Behavioral Health. Standards for each career path build on and continue the anchor standards with more complexity, rigor, and career specificity.

## PATHWAY MAP

| PATHWAY | INTRO | CONCENTRATOR | CAPSTONE |
|---|---|---|---|
| Biotechnology | | Applied Chemistry & Biotechnology | Science & Ethics of Biotechnology |
| Patient Care | Medical Science I | Medical Science II<br>---<br>Health Science Careers 1-2 | Hospital/Health Services Occupations<br>---<br>Nursing Assistant Precertification Program<br>---<br>Health Science Careers 3-4 |