Health Professions:

Medical Technologist/ Clinical Laboratory Scientist

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Overview of Profession

Medical technologists and clinical laboratory scientists who work in the clinical laboratories of hospitals and other health organizations are responsible for performing microscopic and bacteriological tests related to the examination and treatment of patients. Their work may be in microbiology, serology, urinalysis, hematology, parasitology and chemistry. There are more than 800 approved schools of medical technology, which are located primarily in hospitals.

For general information, go to the National Accrediting Agency of Clinical Lab Scientists (www.naacls.org/search/programs.asp).

For specific information, check each school, listed below (catalog or web site).

Suggested Preparation:
- 1 year of Biology with 4 quarters of lab
- Microbiology with lab
- 1 year of General Chemistry with one year of lab
- 2-3 quarters of Organic Chemistry with lab
- Biochemistry
- 1 year of Physics with lab
- English
- Anatomy
- Math
- Physiology
- Computer Science
- Statistics

The courses listed above are minimum preparation. Please note that some of these courses, especially the sciences, may have other prerequisites.
MT/CLS programs in California:

- California State University, Dominguez Hills
- Loma Linda University
- University of California - Irvine
- University of California - Davis
- San Francisco State University
- San Jose State University
- Santa Barbara Cottage Hospital

Important Websites:
- American Medical Technologists- www.amt1.com
- American Society of Clinical Pathology –www.ascp.org
- American Association of Pathologists’ Assistant –www.pathologistsassistants.org
- Medical Technology Occupational Outlook
- Medical Laboratory Technologist a U.S News & World Report "Best Career" for 2011
- American Society for Clinical Lab Science- www.ascls.org
- American Society for Clinical Chemistry – www.aacc.org
- Clinical Laboratory Management Association –www.cmla.org
- National Society for Histotechnology – www.nsh.org
- American Society for Cytotechnology –www.asct.org
- Society for Nuclear Medicine – interactive.snm.org
- San Francisco State University Clinical Lab Science Program – chhsweb.sfsu.edu/cls
- California Association for Medical Lab Technology –www.camlt.org
- National Accrediting Agency for Clinical Lab Science-www.naacls.org