

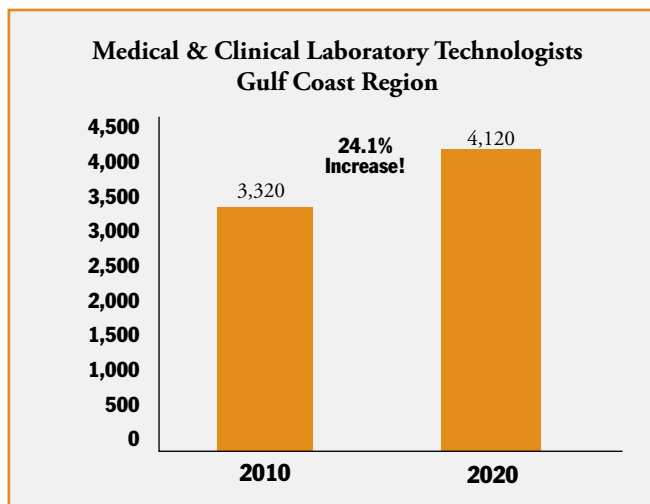
NEW JOBS PROGNOSIS – STRONG & GROWING

Much of the health care industry thrives on testing, analyzing and refining, and jobs for medical and clinical laboratory technologists are steadily increasing as a result.

Medical and clinical laboratory technologists perform and analyze complex chemical, biological, hematological, immunologic, microscopic, and bacteriological medical tests. While entry-level technologists usually perform routine tests, experienced technologists perform more specialized procedures. The outlook for these occupations is very good.

Workers are in high demand as the medical field continues to increase the use of laboratory testing for early diagnosis, treatment, and prevention of disease.

THE NUMBER OF MEDICAL AND CLINICAL LABORATORY TECHNOLOGISTS IS EXPECTED TO INCREASE BY 24.1% BETWEEN 2010 AND 2020.

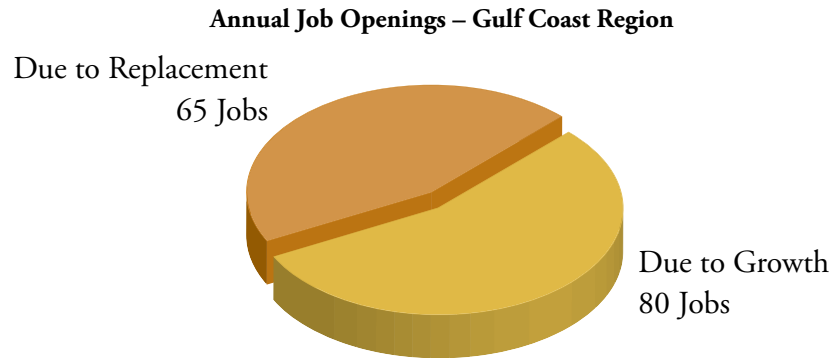


Brought to you by the Education Committee of The Gulf Coast Workforce Board.
For more information visit us on the web at www.wrksolutions.com
Latest data available as of June 2013.

*Includes the following counties: Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton.

FOCUS ON MEDICAL & CLINICAL LABORATORY TECHS

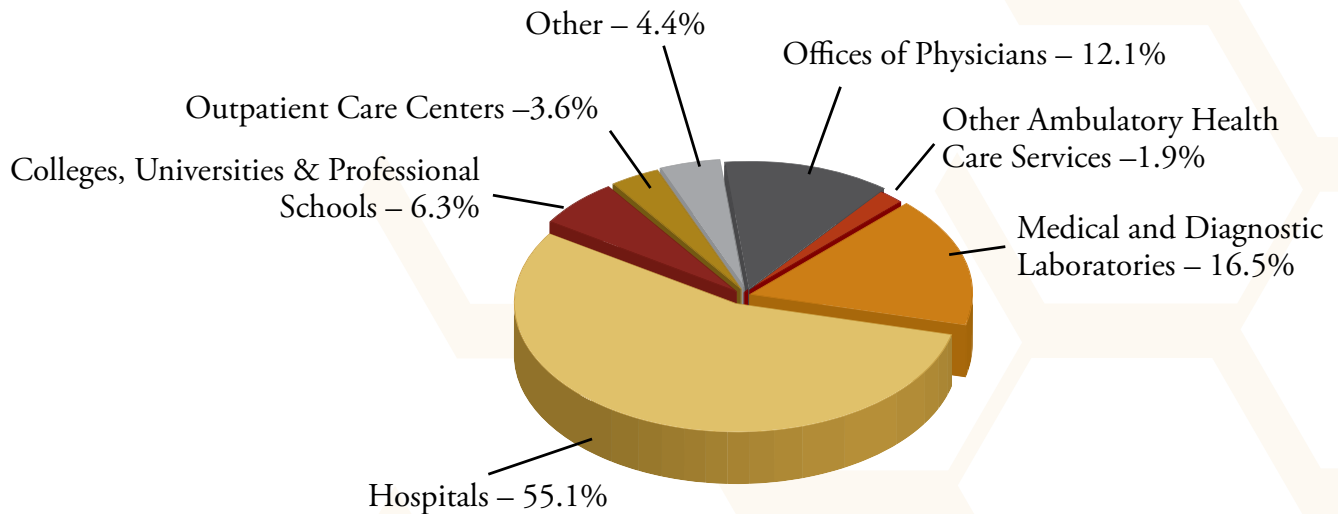
CONSERVATIVE ESTIMATES SHOW THE NEED FOR AN ADDITIONAL 145 MEDICAL AND CLINICAL LABORATORY TECHNOLOGISTS EACH YEAR.



MEDICAL AND CLINICAL LABORATORY TECHNOLOGISTS EARN GOOD WAGES, AVERAGING MORE THAN \$56,000 A YEAR.

JOB OPPORTUNITIES ARE AVAILABLE IN SEVERAL DIFFERENT INDUSTRIES, WITH ONE HALF OF MEDICAL AND CLINICAL LABORATORY TECHNOLOGISTS WORKING IN HOSPITALS.

Medical & Clinical Laboratory Technologist Jobs – Gulf Coast Region 2020



HOW DO YOU BECOME A MEDICAL AND CLINICAL LABORATORY TECHNOLOGIST?

Medical and clinical laboratory technologists generally are required to have a bachelor's degree with a major in medical technology or in one of the life sciences. Degree programs require strengths in chemistry, biological sciences, microbiology, mathematics, and statistics. It is also possible to qualify through a combination of education, on-the-job training and specialized training.

Many employers prefer applicants who are certified by a recognized professional association. The following agencies have different requirements for certification and different organizational sponsors:

- Board of Registry of the American Society for Clinical Pathology (<http://www.ascp.org/>)
- American Medical Technologists (<http://www.amt1.com/>)
- National Credentialing Agency for Laboratory Personnel (<http://www.nca-info.org/>)
- Board of Registry of the American Association of Bioanalysts (<http://www.aab.org/>)

ADVANCEMENT OPPORTUNITIES

Experienced medical and clinical laboratory technologists are able to advance their careers by moving into supervisory positions. Some advance to become administrators who plan and oversee all laboratory operations.

START EARLY AND BE PREPARED

High school students should strive for a high GPA. This will give them an edge needed for acceptance in and successful completion of a medical and clinical technologist program.



FOCUS ON MEDICAL & CLINICAL LABORATORY TECHS

PREPARING FOR A CAREER AS A MEDICAL AND CLINICAL LABORATORY TECHNOLOGIST*

9th Grade		Suggested Coursework	
	English I	World Geography	Career-Related Electives: Introduction to Health Science Technology and Medical Terminology
	Algebra I	Languages other than English I	
	Biology	Health/PE or Equivalent	
10th Grade		Suggested Coursework	
	English II	World History	Career-Related Electives: Health Science Technology I
	Geometry	Languages other than English II	
	Chemistry	Technology Applications	
11th Grade		Suggested Coursework	
	English III	United States History	Career-Related Electives: Health Science Technology II or Anatomy and Physiology of Human Systems or Languages other than English III
	Algebra II	Communication Applications	
	Physics		
12th Grade		Suggested Coursework	
	English IV	Government/Economics	Career-Related Electives: Health Science Technology III or Medical Microbiology or Pathophysiology or Independent Study or Calculus or Languages other than English IV
	AP Statistics	Fine Arts	
	Scientific Research and Design		

*Source: AchieveTexas.org

FOCUS ON MEDICAL & CLINICAL LABORATORY TECHS

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MEDICAL AND CLINICAL LABORATORY TECHNOLOGIST AND LIFE SCIENCE PROGRAMS IN THE GULF COAST REGION

UNIVERSITIES

- Houston Baptist University
- Prairie View A & M University
- Rice University
- Sam Houston State University
- Texas Southern University
- Texas Woman's University
- University of Houston
- University of St. Thomas
- University of Texas Health Science Center of Houston
- University of Texas Medical Branch



MAJOR EMPLOYERS IN THE GULF COAST REGION

- Harris County Hospital District
- HCA Healthcare
- Health Care Partners
- Houston VA Medical Center
- Kelsey-Seybold Clinic
- LabCorp
- Memorial Hermann Healthcare System
- Quest Diagnostics
- The Methodist Hospital
- Oak Bend Medical Center
- St. Lukes Episcopal Health System
- Shriners Hospital for Children
- Tenet Health Care
- Texas Childrens Hospital
- The University of Texas MD Anderson Cancer Center
- The University of Texas Medical Branch

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