

Medical and Clinical Laboratory Technician

PANHANDLE

Average Wage

\$12.58

Average Annual

Job Openings

10

Employment in

2004 2014

200 250

TEXAS

Average Wage

\$14.60

Average Annual

Job Openings

670

Employment in

2004 2014

10,950 14,700

UNITED STATES

Employment in

2006

144,710

Female 71%

Minority 39%

EMPLOYMENT CODES

OES 32905

*O*NET 29-2012.00*

*Medical and Clinical
Laboratory Technicians*

JOB DESCRIPTION

Perform chemical, microscopic and bacteriologic laboratory tests on blood and body fluids to help in the diagnosis and treatment of diseases. Work in healthcare and biotechnology laboratories under the supervision of medical and clinical laboratory technologists.



SKILLS AND APTITUDES NEEDED

- ◆ Analytical judgment
- ◆ Ability to work under pressure
- ◆ Ability to pay close attention to detail
- ◆ Manual dexterity and normal color vision
- ◆ Good computer skills



Medical lab technicians examine body fluids and other materials, looking for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions, and test for drug levels in the blood to show how a patient is responding to treatment. Technicians may prepare specimens, operate automated instruments capable of performing a number of tests simultaneously, or they may use microscopes, cell counters and other sophisticated lab equipment. They usually work under the supervision of medical and clinical laboratory technologists or laboratory managers.

Clinical laboratory personnel are trained to work with infectious specimens. When proper methods of infection control and sterilization are followed, few hazards exist. Laboratories usually are well lighted and clean; however, specimens, solutions and reagents used in the laboratory sometimes produce odors. Technicians may spend a great deal of time on their feet.

PANHANDLE AREA PUBLIC TRAINING PROVIDERS

Training Provider	Direct Training	Related Training	Education Offering
Amarillo College Amarillo, Dumas, Hereford	√		A.A.S. (Associate in Applied Science Degree), Medical Laboratory Technology Major
Wayland Baptist University Amarillo		√	Pre-Medical Technology Program
West Texas A&M University Canyon		√	B.S.M.T. (Bachelor of Science in Medical Technology Degree, Pre-Clinical)

For information on public training providers outside of the Panhandle Area, please refer to the Resource Index.

LICENSE/CERTIFICATION

Optional: Board of Registry of the American Society of Clinical Pathologists Certification

Optional: American Medical Technologists Certification

Optional: Credentialing Commission of the International Society for Clinical Laboratory Technology Certification

HIGHEST EMPLOYMENT LEVELS BY INDUSTRY

General Medical/Surgical Hospitals	54%	Federal Government	3%
Physician's Offices	20%	Colleges/Universities/Professional Schools	2%
Medical/Diagnostic Laboratories	10%	Outpatient Care Centers	2%
Ambulatory Health Care Services	4%	State Government	1%

FOR MORE INFORMATION

American Medical Technologists, 710 Higgins Rd., Park Ridge, IL 60068, (800) 275-1268, <http://www.amt1.com>

American Society for Clinical Laboratory Science, 6701 Democracy Blvd., Suite 300, Bethesda, MD 20817, (301) 657-2768, <http://www.ascls.org>

American Society for Clinical Pathology, Board of Registry, 2100 West Harrison St., Chicago, IL 60612, (312) 738-1336, <http://www.ascp.org/bor>

National Accrediting Agency for Clinical Laboratory Sciences, 8410 W. Bryn Mawr Ave., Suite 670, Chicago, IL 60631, (773) 714-8880, <http://www.naacls.org>

For additional website sources, please refer to the Resource Index.

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