

## Health Science Cluster



*Planning, managing and providing therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development.*

**Data Sources**  
Bureau of Labor  
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# Medical & Clinical Lab Technicians

*You place a glass slide under your microscope and adjust the magnification. This specimen contains cells from a patient with a bad sore throat. Your job is to find out if the patient has strep throat. The doctor needs to know because this infection can lead to serious diseases such as pneumonia. Without tests like this one, today's high-quality health care would be impossible.*

If you are interested in lab work and analyzing medical specimens, a career as a **medical and clinical lab technician** may be for you.

**Medical and clinical lab technicians conduct routine medical laboratory tests and examine body fluids and tissues for the diagnosis, treatment and prevention of disease.**

### **Are You Ready To...?**

- Spend long hours in the lab, sometimes doing repetitive tests
- Work under the supervision of a medical technologist
- Keep accurate, detailed records of your findings
- Wear protective gloves and goggles when working with some specimens
- Be on your feet much of the day

### **It Helps To Be...**

An analytical, accurate and organized fan of science, technology and medicine.

### **A Day In The Life...**

- Adherence to safety procedures
- Analyze biological research, test or analysis data
- Analyze medical data
- Analyze scientific research data or investigative findings
- Collect blood or tissue samples
- Collect scientific or technical data
- Communicate technical information
- Conduct medical laboratory tests

### **Salary and Opportunity in the Austin-area**

**Median Hourly Wage: \$23.56**

*That comes out to more than  
**\$49,006** a year.*

**In 2016, we had  
728 Medical and Clinical Lab  
Technicians.**

**By 2026, we'll need 917.**

*Could you be one of the 189?*

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# Medical & Clinical Lab Technicians

## After High School...

In addition to a high school diploma, many employers look for medical and clinical lab technicians with an **associate's degree**.



## Top 5 Industries for Medical and Clinical Lab Technicians

1. Hospitals
2. Offices of Physicians
3. Medical and Diagnostic Laboratories
4. Outpatient Care Centers
5. Colleges, Universities and Professional Schools

## Related College Majors

- Biochemistry
- Biotechnology
- Clinical Laboratory Science
- Forensic Chemistry
- Medical Microbiology and Bacteriology
- Molecular Biology

## Related Industry Certifications

- Biochemical Lab Techniques
- Certified Clinical Hemodialysis Technician
- Certified Dental Technician
- Certified Clinical Medical Assistant

## Related Careers

- Biological Scientists
- Chemists and Materials Scientists
- Medical Scientists
- Pathologists
- Science Technicians

For more Career Profiles, visit our website:

[http://www.wfscapitalarea.com/YouthServices/  
CareerPlanning.aspx](http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx).

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