


# Medical Laboratory Technology

## (QUICK FACTS)

### 2011-Medical Laboratory Technician

Average Pay Rates/Hr.	Vacancy Rates	How Important Is My Work?
<b>Beginning \$12.50-\$14.00</b>	<b>6.4%</b>	Lab results are used in <b>80%</b> of medical decisions
<b>Median \$ 17.75</b>		
<b>Top \$21.97-\$26.94</b>	<b>6.4%</b>	

Career Opportunities	Employment Locations	What Will I Do In A Lab?
<ol style="list-style-type: none"> <li>1. Staff Technician</li> <li>2. Section Supervisor</li> <li>3. Teacher</li> <li>4. Salesperson</li> <li>5. Instrument &amp; Product Evaluator</li> <li>6. Technical Consultant</li> <li>7. Equipment Maintenance Consultant</li> <li>8. State Public Health Labs Employee</li> <li>9. Accreditation Team Member</li> <li>10. Lab Info Computer Analyst</li> <li>11. Infection Control Coordinator</li> <li>12. Quality Assurance Coordinator</li> <li>13. Researcher</li> <li>14. Vet Tech</li> </ol> 	<ol style="list-style-type: none"> <li>1. Hospitals</li> <li>2. Government labs</li> <li>3. Industry/Commercial</li> <li>4. Computer Companies</li> <li>5. Physician Offices</li> <li>6. Vet Clinics</li> <li>7. Etc.</li> </ol> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>For More Information</b></p> <p>Hinds Community College            Medical Laboratory Technology Program            1750 Chadwick Drive            Jackson, MS 39204            (601)376-4824            (601)376-4831  <a href="mailto:Lajuanda.portis@hindsc.edu">Lajuanda.portis@hindsc.edu</a>  <a href="mailto:Karen.colvin@hindsc.edu">Karen.colvin@hindsc.edu</a></p> </div>	<ol style="list-style-type: none"> <li>1. Hematology-study of blood</li> <li>2. Chemistry-determination of various analytes</li> <li>3. Microbiology-ID bacteria, parasites, fungi, virus, &amp; determine drug treatment</li> <li>4. Immunology-test for antibodies to determine disease</li> <li>5. Blood Banking-crossmatching prior to transfusion</li> <li>6. Some work with phlebotomy, Lab info systems etc.</li> </ol>

General Academics Required For the MLT Program at HCC (prerequisites)	
Human Anatomy and Physiology I & II	College Algebra
General Microbiology (with lab)	Behavioral/Social Science Elective
General Chemistry I (with lab) OR	Humanities Elective
Principles of Chemistry I (with lab)	Oral communications
English Comp I	* Computer courses are highly
	Recommended
*Principles of Chemistry is recommended for students without a recent high school chemistry class.	

The MLT classes relate to each section (department) of the laboratory. Each class consist of lecture and lab.	
Fundamentals of MLT	Pathogenic Microbiology
Hematology I & II	Parasitology
Urinalysis/Body Fluids	Clinical Chemistry
Immunology/Serology	Immunoematology
The last two semesters are clinical rotations at local hospitals and labs. Students rotate through each department performing the actual tests under supervision of a medical laboratory scientist.	



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