# Medical Laboratory Technology

## (QUICK FACTS)

### 2011-Medical Laboratory Technician

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

## Career Opportunities

1. Staff Technician
2. Section Supervisor
3. Teacher
4. Salesperson
5. Instrument & Product Evaluator
6. Technical Consultant
7. Equipment Maintenance Consultant
8. State Public Health Labs Employee
9. Accreditation Team Member
10. Lab Info Computer Analyst
11. Infection Control Coordinator
12. Quality Assurance Coordinator
13. Researcher
14. Vet Tech

## Employment Locations

1. Hospitals
2. Government labs
3. Industry/Commercial
4. Computer Companies
5. Physician Offices
6. Vet Clinics
7. Etc.

## What Will I Do In A Lab?

1. Hematology-study of blood
2. Chemistry-determination of various analytes
3. Microbiology-ID bacteria, parasites, fungi, virus, & determine drug treatment
4. Immunology-test for antibodies to determine disease
5. Blood Banking-crossmatching prior to transfusion
6. Some work with phlebotomy, Lab info systems etc.

## For More Information

Hinds Community College  
Medical Laboratory Technology Program  
1750 Chadwick Drive  
Jackson, MS 39204  
(601)376-4824  
(601)376-4831  
Lajuanda.portis@hindsc.edu  
Karen.colvin@hindsc.edu
<table>
<thead>
<tr>
<th>General Academics Required For the MLT Program at HCC (prerequisites)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Human Anatomy and Physiology I &amp;II</strong></td>
</tr>
<tr>
<td><strong>General Microbiology (with lab)</strong></td>
</tr>
<tr>
<td><strong>General Chemistry I (with lab) OR</strong></td>
</tr>
<tr>
<td><strong>Principles of Chemistry I (with lab)</strong></td>
</tr>
<tr>
<td><strong>English Comp I</strong></td>
</tr>
</tbody>
</table>

*Principles of Chemistry is recommended for students without a recent high school chemistry class.*

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The MLT classes relate to each section (department) of the laboratory. Each class consist of lecture and lab.

<table>
<thead>
<tr>
<th>Fundamentals of MLT</th>
<th>Pathogenic Microbiology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hematology I &amp; II</td>
<td>Parasitology</td>
</tr>
<tr>
<td>Urinalysis/Body Fluids</td>
<td>Clinical Chemistry</td>
</tr>
<tr>
<td>Immunology/Serology</td>
<td>Immunohematology</td>
</tr>
</tbody>
</table>

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.