Health Science Pathway Model

Start Pre-Health
As early as grade 7 (based on readiness)

Phlebotomist
Salary: $28,200
Job Growth (10 yr): 12.6%
Annual Openings: 224
Average Tuition: $0 - $4,000

Medical Lab Technician
Salary: $39,410
Job Growth (10 yr): 10.2%
Annual Openings: 177
Average Tuition (2 yr): $7,600

Pathologist
Salary: $187,200
Job Growth (10 yr): 17%
Annual Openings: 570
Average Tuition (4+ yr): $60,300+

Workplace Visits
Job Shadow
Internship
Work

Supervised Experience
--- Work

Supervised Experience
Internship
--- Work

Internship
--- Work

Provided by middle schools, high schools, employers, Ohio Tech Centers, and Colleges.

Preparing students for multiple options after high school:
 gainful employment and/or post-secondary study.

HometownOpportunity.com
### Secondary Pathway: Medical Biotechnology

### Postsecondary Program: Medical Laboratory Technology

#### Courses with Secondary & Post-Secondary Credits

<table>
<thead>
<tr>
<th>Year</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Secondary</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-8</td>
<td>English</td>
<td>Algebra I</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>Geometry</td>
</tr>
<tr>
<td>9-10</td>
<td>English</td>
<td>Algebra II</td>
</tr>
<tr>
<td>11</td>
<td>English</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>12</td>
<td>English</td>
<td></td>
</tr>
</tbody>
</table>

#### Post-Secondary Pathway

**Year 1**
- 1st Semester: Statistics, College Seminar, Human Anatomy, Intro to Medical Lab Technology, Hematology I, Medical Terminology
- 2nd Semester: Immunology, Microbiology, Clinical Chemistry, Humans Physiology

**Year 2**
- 1st Semester: English, Psychology, Microbiology, Body Fluids, Venipuncture for HC Providers, Intro to Humanities
- 2nd Semester: Healthcare Resource Management, Medical Lab Case Studies, Immuno-hematology, Hematology II, Clinical Practicum

#### High School CTE Program Courses

| High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses |
|--------------------------------------------------|--------------------------------------------------|
| **Required Courses** | **Recommended Electives** |

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