Transportation Systems Career Pathway

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

School Bus Driver
Median Salary: $26.460
Job Growth (10 yr): 2.6%
Annual Openings: 288
Average Tuition (1 yr): $0 – $3,900/yr

Diesel Mechanic
Median Salary: $42,440
Job Growth (10 yr): 8.2%
Annual Openings: 293
Average Tuition (1 yr): $0 – $3,900/yr

Transportation Supervisor
Median Salary: $50.770
Job Growth (10 yr): 9.6%
Annual Openings: 258
Average Tuition (2 yrs): $3,900/yr

Workplace Visits
Job Shadow
Internship
Work

Supervised Experience
--- Work

Supervised Experience
Internship
--- Work

Internship
--- Work

License Certificate, Diesel Technology

Certificate, Diesel Technology

Associate Degree, Diesel Technology

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

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

👍 Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.
## Transportation Systems Career Pathway

### Secondary Pathway: **Ground Transportation**  
### Postsecondary Program: **Diesel Technology**

#### An Example of Courses with Secondary and Postsecondary Credits

<table>
<thead>
<tr>
<th>Secondary</th>
<th>Ground Transportation</th>
<th>Postsecondary Program: Diesel Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7-8</strong></td>
<td><strong>English I</strong></td>
<td><strong>Algebra I</strong></td>
</tr>
<tr>
<td><strong>9-10</strong></td>
<td><strong>English II</strong></td>
<td><strong>Geometry</strong></td>
</tr>
<tr>
<td><strong>11</strong></td>
<td><strong>English III</strong></td>
<td><strong>Algebra II</strong></td>
</tr>
<tr>
<td><strong>12</strong></td>
<td><strong>English IV</strong></td>
<td><strong>Trigonometry/Calculus</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Postsecondary</th>
<th>Year 1 1st Semester</th>
<th>Personal Finance</th>
<th>Basic Electrical</th>
<th>Preventive Maintenance</th>
<th>Heavy Truck Drive Trains</th>
<th>Industrial &amp; Engineering Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 2nd Semester</td>
<td>Employability Skills</td>
<td>Industrial Calculations</td>
<td>Hydraulic Theory &amp; Operation</td>
<td>Fundamentals of Engines</td>
<td>Truck Steering &amp; Suspension</td>
<td>Welding Processes</td>
</tr>
<tr>
<td>Year 2 1st Semester</td>
<td>English Composition</td>
<td>Computer Concepts &amp; Applications</td>
<td>Advanced Electrical &amp; Electronics</td>
<td>Heavy Truck HVAC</td>
<td>Social Science Elective</td>
<td></td>
</tr>
<tr>
<td>Year 2 2nd Semester</td>
<td>Interpersonal Communication</td>
<td>Business Communication</td>
<td>Customer Relations</td>
<td>Engine Performance</td>
<td>Heavy Truck Automatic Transmissions</td>
<td></td>
</tr>
</tbody>
</table>

### High School Career-Technical Education Program Courses

**High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses**

<table>
<thead>
<tr>
<th><strong>Required Courses</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Recommended Electives</strong></th>
</tr>
</thead>
</table>

Visit education.ohio.gov/CareerConnections for reference information.  
Course titles and sequences will vary between schools.

6/2015