## Transportation, Distribution, & Logistics Program of Study
### Potosi High School Career Cluster Program of Study

This Program of Study Template can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner’s educational and career goals. **Ask your high school counselor to help you fill in the required courses you need to graduate.**

<table>
<thead>
<tr>
<th>Grade</th>
<th>English 8 semesters</th>
<th>Math 6 semesters</th>
<th>Science 6 semesters</th>
<th>Social Studies 6 semesters</th>
<th>Other Required Courses, Recommended Electives</th>
<th>Career &amp; Technical Courses and/or Degree Major Courses</th>
<th>SAMPLE Occupations Relating to this Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Comm Arts I</td>
<td>High School Math</td>
<td>High School Science</td>
<td>High School S.S.</td>
<td>Personal Finance Computer Science Check with your high school counselor for additional course offerings</td>
<td>Ask your counselor about course options</td>
<td>► Assembler ► Boilermaker ► Design Engineer ► Environmental Engineer ► Foundry Worker ► Freight, Stock and Material Mover ► Health and Safety Representative ► Industrial Machinery Mechanic ► Inspector ► Labor Relations Manager ► Logistician ► Manufacturing Technician ► Pattern and Model Maker ► Production Manager ► Quality Control Technician ► Safety Engineer ► SPC Coordinator ► Tool and Die Maker ► Traffic Manager ► Welder</td>
</tr>
<tr>
<td>10</td>
<td>Comm Arts II</td>
<td>High School Math</td>
<td>High School Science</td>
<td>High School S.S.</td>
<td>Personal Finance Computer Science Check with your high school counselor for additional course offerings</td>
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<td>► Unitec - Collision Repair Technology, Electronics Technology, Automotive Technology, Welding Technology ► Ask your counselor about additional college course offerings ► Farmington PLTW Courses</td>
</tr>
<tr>
<td>12</td>
<td>Senior Comm Arts &amp; Comm Arts elective</td>
<td>High School Math Pre-College Algebra</td>
<td>*English Comp I *Public Speaking *College Algebra *College Trig</td>
<td>High School Science</td>
<td>*College Am. History I &amp; II *Political Systems</td>
<td>*Unitec - Collision Repair Technology, Electronics Technology, Automotive Technology, Welding Technology *Ask your counselor about additional college course offerings *Farmington PLTW Courses</td>
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</table>

*Dual Credit courses can often be substituted for high school credit. Check with your Counselor.*

*Dual Enrollment courses can be taken online or on a MAC campus.*

**Assessments/Certifications:** College Placement Assessments, Compass, ACT, SAT

**Clubs/Extracurricular Activities:** Ask your Counselor what is available at your school.

**CTSO(s):** □ FBLA □ FFA □ TSA □ Skills USA

**Work-Based Learning:** □ After School Employment □ Internship/Mentorship □ Job Shadowing □ Service Learning □ Supervised Business Experience
Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

<table>
<thead>
<tr>
<th>Cluster Knowledge and Skills</th>
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</thead>
<tbody>
<tr>
<td>Academic Foundations • Communications • Problem Solving and Critical Thinking • Information Technology Applications • Safety, Health and Environmental • Leadership and Teamwork • Ethics and Legal Responsibilities • Employability and Career Development • Technical Skills</td>
</tr>
</tbody>
</table>

### Sample Career Specialties/Occupations

<table>
<thead>
<tr>
<th>Air/Space</th>
<th>Transportation: Managers (Air)</th>
<th>Transportation Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oilers</td>
<td>Able Seamen</td>
<td>Logistics, Management, and Distribution Services</td>
</tr>
<tr>
<td></td>
<td>Ordinary Seamen</td>
<td>Warehouse, Management, and Distribution Services</td>
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<tr>
<td></td>
<td>Ship and Boat Captains</td>
<td>Facility and Mobile Equipment Maintenance</td>
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<tr>
<td></td>
<td>Ship Engineers</td>
<td>Transportation Systems/ Infrastructure Planning, Management, and Regulation</td>
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<tr>
<td></td>
<td>Bridge and Dock Tenders</td>
<td>Health, Safety and Environmental Management</td>
</tr>
</tbody>
</table>

### Road Transportation:

- Transportation: Managers (Road)
  - Dispatchers (Truck/Taxi)
  - Traffic Managers (Road)
  - Truck Drivers (Tractor-Trailer)
  - Bus Drivers (Transit and Intercity)
  - Taxi Drivers and Chauffeurs

### Transit Systems:

- Transportation: Managers (Mass Transit)
  - Traffic Managers (subway and Streetcar Operations)
  - Streetcar Operations

### Water Transportation:

- Transportation: Managers (Water)
  - Dispatchers (Water)
  - Traffic Managers (Water)
  - Crews (Passengers of Water Vessels)
  - Pilots of Water Vessels
  - Sailors and Marine

### Specialties / Occupations

- *Transportation Operations*:
  - Logistics, Management, and Distribution Services
  - Warehouse, Management, and Distribution Services
  - Facility and Mobile Equipment Maintenance
  - Transportation Systems/ Infrastructure Planning, Management, and Regulation
  - Health, Safety and Environmental Management
  - Sales and Service

- *Road Transportation*:
  - Traffic Controllers
  - Aircraft Traffic Controllers
  - Air Traffic Controllers
  - Airport Traffic Controllers
  - Air Traffic Control Inspectors
  - Air Traffic Services
  - Air Traffic Inspectors

- *Rail Transportation*:
  - Railroad Inspectors
  - Railroad Equipment Inspectors
  - Railroad Equipment Inspector
  - Railroad Traffic Inspectors

- *Water Transportation*:
  - Marine Cargo Inspectors
  - Vessel Traffic Inspectors
  - Vessel Traffic Control Specialists
  - Vessel Traffic Control Inspectors

- *Logistics Operations*:
  - Material Handling and Distribution Services
  - Logistics Services
  - Distribution Centers
  - Transportation Centers
  - Logistics Centers

- *Transportation Planning and Management Services*:
  - Planning Services
  - Transportation Planning Services
  - Logistics Planning Services
  - Transportation Management Services
  - Logistics Management Services
  - Transportation Planning and Management Services

- *Facility and Mobile Equipment*:
  - Facility and Mobile Equipment Services
  - Facility and Mobile Equipment Planning
  - Facility and Mobile Equipment Operations
  - Facility and Mobile Equipment Maintenance
  - Mobile Equipment Services

- *Health and Safety*:
  - Health and Safety Managers
  - Environmental Health and Safety
  - Safety and Health Managers
  - Environmental Management

- *Marketing*, *Management*, *Sales*, and *Service*:
  - Marketing Managers
  - Managers
  - Sales Managers
  - Sales
  - Representatives
  - Transportation Services
  - Logistics Services
  - Reservation, Travel and Transportation Agents
  - Cargo and Freight Agents
  - Customer Service Managers
  - Cashiers, Counter and Rental clerks