

# Transportation, Distribution, and Logistics Career Cluster

The Transportation, Distribution, and Logistics career cluster focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes a diverse spectrum of occupations, ranging from automotive mechanic, avionics technician, automotive entrepreneur, pilots to logistics planning professionals.

## Statewide Program of Study: Aviation Maintenance

The Aviation Maintenance program of study focuses on occupational and educational opportunities associated with maintenance and repair of airframe structures, systems, and components of an aircraft. This program of study includes exploration of aircraft maintenance procedures, air navigational aids, air traffic controls, and communication equipment to ensure compliance with federal regulations.

### Secondary Courses for High School Credit

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|---------|---|
| Level 1 | <ul style="list-style-type: none"> <li>‡ Principles of Transportation Systems</li> <li>‡ Introduction to Aircraft Technology</li> </ul>   |
| Level 2 | <ul style="list-style-type: none"> <li>‡ Occupational Safety and Environmental Technology I</li> <li>‡ Aircraft Maintenance Technology (TBD)</li> </ul>   |
| Level 3 | <ul style="list-style-type: none"> <li>‡ Aircraft Airframe Technology</li> <li>‡ Aircraft Airframe Technology + Advanced Transportation Systems Laboratory</li> <li>‡ Aircraft Avionics Technology (TBD)</li> </ul>   |
| Level 4 | <ul style="list-style-type: none"> <li>‡ Aircraft Powerplant Technology</li> <li>‡ Aircraft Powerplant Technology + Advanced Transportation Systems Laboratory</li> <li>‡ Nondestructive Testing/Nondestructive Inspection Technology (TBD)</li> <li>‡ Practicum in Transportation Systems</li> <li>‡ Practicum in Transportation Systems + Extended Practicum in Transportation Systems</li> <li>‡ Career Preparation for Programs of Study</li> <li>‡ Career Preparation for Programs of Study + Extended Career Preparation</li> </ul> |





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## Statewide Program - 8(g)ster



### Course Information

Level 4

Course	Prerequisites   Corequisites	Career Clusters
Aircraft Powerplant Technology 13039500 (2 credits)	Prerequisites: Introduction to Aircraft Technology Corequisites: None Recommended Prerequisite: None Recommended Corequisite: None	
Aircraft Powerplant Technology + Advanced Transportation Systems Laboratory 13039510 (3 credits)	Prerequisites: Introduction to Aircraft Technology Corequisites: None Recommended Prerequisite: None Recommended Corequisite: None	
Nondestructive Testing/Nondestructive Inspection Technology TBD (TBD credit)	Prerequisites: TBD Corequisites: TBD Recommended Prerequisite: TBD Recommended Corequisite: TBD	
Practicum in Transportation Systems*		