

# 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, mobile equipment and facility maintenance.

## Aviation Maintenance Statewide Program of Study



The Aviation Maintenance program of study introduces students to the occupations and education opportunities related to inspecting aircraft, maintenance procedures, air navigational aids, air traffic controls, and communications equipment to ensure conformance with federal safety regulations.

### Secondary Courses for High School Credit

#### Level 1

- Introduction to Aircraft Technology

#### Level 2

- Occupational Safety and Environmental Technology I
- Aviation Maintenance (TBD)

#### Level 3

- Aircraft Airframe Technology/Lab

#### Level 4

- Aircraft Powerplant Technology/Lab
- Practicum in Transportation Systems
- Career Preparation I

### Postsecondary Opportunities

#### Associates Degrees

- Avionics Maintenance Technology/Technician
- Aircraft Powerplant Technology/ Technician
- Airframe Mechanics and Aircraft Maintenance Technology/Technician

#### Bachelor's Degrees

- Airframe Mechanics and Aircraft Maintenance Technology/Technician

### Work-Based Learning and Expanded Learning Opportunities

#### Exploration Activities

- Participate in SkillsUSA
- Explore virtual aviation websites

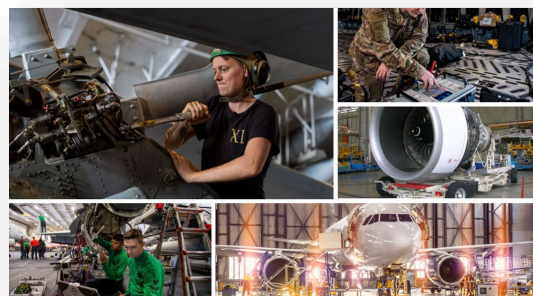
#### Work-Based Learning Activities

- Seek part-time work at an airport, aviation services agency, or airline

### Industry-Based Certifications

- Aerospace Manufacturing Certification
- OSHA 30 Hour General\*
- Certified Aerospace Technician\*
- FAA Aviation Maintenance Technician Airframe\*
- FAA Aviation Maintenance Technician General\*
- IS CET Certified Electronics Technicians\*

\*IBC sunseting 8/31/24



### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Aircraft Mechanics and Technicians	\$58,698	1,469	9%
Avionics Technicians	\$59,114	170	9%

# Aviation Maintenance Course Information

## Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Introduction to Aircraft Technology	13039350 (1 credit)	None	None

## Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Occupational Safety and Environmental Technology I	N1303680 (1 credit)	None	None
Aviation Maintenance (TBD)	TBD	TBD	TBD

## Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Aircraft Airframe Technology/Lab	13039400 (2 credits) 13039410 (3 credits)	Introduction to Aircraft Technology	None

## Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Aircraft Powerplant Technology/Lab	13039500 (2 credits) 13039510 (3 credits)	Introduction to Aircraft Technology	None
Practicum in Transportation Systems	13040450 (2 credits) 13040455 (3 credits) 13040460 (2 credits) 13040465 (3 credits)	None	None
Career Preparation I	12701300 (2 credits) 12701305 (3 credits)	None	None

FOR ADDITIONAL INFORMATION ON THE TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CAREER CLUSTER, PLEASE CONTACT: [CTE@tea.texas.gov](mailto:CTE@tea.texas.gov)  
<https://tea.texas.gov/cte>

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