

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 Regional Program of Study



The Aviation regional program of study introduces CTE learners to the occupations and education opportunities related to understanding the principles and science of flight, aviation engineering, 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 Aerospace and Aviation
- Introduction to Aircraft Technology

Level 2

- Introduction to Unmanned Aerial Vehicles (UAV)

Level 3

- Aviation Ground School
- Aerospace Engineering

Level 4

- Practicum in Transportation Systems
- Scientific Research and Design

Postsecondary Opportunities

Associates Degrees

- Airline Pilots, Copilots, and Flight Engineers

Work-Based Learning and Expanded Learning Opportunities

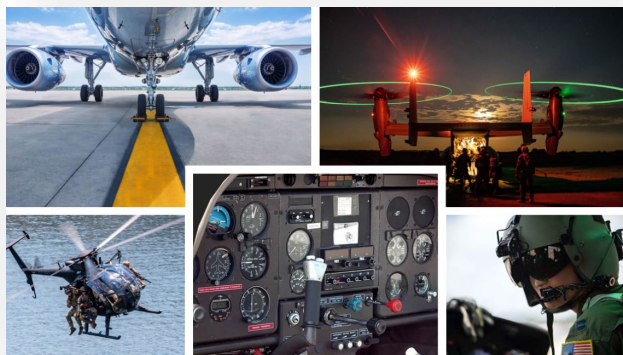
Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in SkillsUSA • Explore virtual aviation websites 	<ul style="list-style-type: none"> • Work in an aviation apprenticeship or internship • Work for a drone company

Industry-Based Certifications

- FAA Part 107 Remote Drone Pilot

- Certified Aerospace Technician*
- OSHA 30 Hour General*

*IBC sunseting 8/31/24



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Aerospace Engineering and Operations Technicians	\$60,757	114	9%
Airline Pilots, Copilots, and Flight Engineers	\$165,130	1,150	9%
Commercial Pilots	\$86,310	548	9%

Successful completion of the Aviation regional program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised – March 2023

Aviation Course Information

Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Introduction to Aerospace and Aviation	N1304672 (1 credit)	None	None
Introduction to Aircraft Technology	13039350 (1 credit)	None	None

Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Introduction to Unmanned Aerial Vehicles (UAV)	N1304670 (1 credit)	None	None

Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Aviation Ground School	N1304675 (1 credit)	None	None
Aerospace Engineering (PLTW)	N1303745 (1 credit)	None	None

Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Practicum in Transportation Systems	13040450 (2 credits) 13040455 (3 credits) 13040460 (2 credits) 13040465 (3 credits)	None	None
Scientific Research and Design	13037200 (1 credit)	Biology, Chemistry, Integrated Physics and Chemistry (IPC) or Physics	None

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

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Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).