

# 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.

## Maritime Regional Program of Study



The Maritime regional program of study introduces CTE learners to the occupations and education opportunities related to operating water vessels, maintenance procedures, maritime navigational aids, maritime traffic controls, and communications equipment to ensure conformance with federal safety regulations.

### Secondary Courses for High School Credit

#### Level 1

- Principles of Maritime Science

#### Level 2

- Maritime Science I
- Introduction to Shipboard Engineering
- Occupational Safety and Environmental Technology I

#### Level 3

- Maritime Science II
- Advanced Shipboard Engineering

#### Level 4

- Practicum in Distribution and Logistics
- Practicum in Transportation Systems

### Postsecondary Opportunities

#### Associates Degrees

- Captains, Mates, and Pilots

#### Bachelor's Degrees

- Marine Transportation
- Transportation, Storage, and Distribution Management

#### Master's, Doctoral, and Professional Degrees

- Maritime Resources Management
- Maritime Administration and Logistics

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
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| <ul style="list-style-type: none"> <li>Participate in SkillsUSA</li> </ul> | <ul style="list-style-type: none"> <li>Participate in a maritime apprenticeship or internship</li> <li>Work part-time at a shipping company</li> </ul> |
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### Industry-Based Certifications

- OSHA 30 Hour General\*

\*IBC sunsetting 8/31/24



### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Sailors and Marine Oilers	\$41,018	387	9%
Captains, Mates, and Pilots of Water Vessels	\$117,686	413	16%
Motorboat Operators	\$44,970	22	16%
Ship Engineers	\$76,752	87	15%

Successful completion of the Maritime program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022

# Maritime Course Information

## Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Principles of Maritime Science	N1304661 (1 credit)	None	None

## Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Maritime Science I	N1304662 (1 credit)	None	None
Introduction to Shipboard Engineering	N1304666 (1 credit)	None	None
Occupational Safety and Environmental Technology I	N1303680 (1 credit)	None	None

## Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Maritime Science II	N1304663 (1 credit)	Maritime Science I	None
Advanced Shipboard Engineering	N1304667 (1 credit)	None	None

## Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
Practicum in Distribution and Logistics	13040470 (2 credits) 13040475 (3 credits) 13040480 (2 credits) 13040485 (3 credits)	None	None
Practicum in Transportation Systems	13040450 (2 credits) 13040455 (3 credits) 13040460 (2 credits) 13040465 (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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