

# *Transportation, Distribution, and Logistics Career Cluster/Pathways*

Students pursuing classes in the Transportation, Distribution and Logistics Career Cluster will learn about careers and businesses involved in the planning, management and movement of people, materials and products by road, air, rail and water. It also includes related professional and technical services such as infrastructure planning and management, logistics, and maintenance of equipment and facilities.

This career cluster is organized into eight career pathways:

- Facility and mobile equipment maintenance
- Health, safety and environmental management
- Logistics planning and management services
- Sales and services
- Transportation operations
- Transportation systems and infrastructure
- Planning, management and regulation
- Warehousing and distribution center operations

## **Careers**

Students in transportation, distribution and logistics learn and practice skills that prepare them for diverse post-high school education and training opportunities, from apprenticeships and two-year college programs to four-year college and graduate programs.

CTE classes in this cluster will introduce you to a variety of interesting careers including:

## **Career & Technical Student Organizations**

Career and technical student organizations are much more than clubs. They provide opportunities for hands-on learning, and for applying career, leadership and personal skills in real-world environments. Participants build their skills by developing projects, attending events, and competing regionally and nationally.

The student organization for transportation, distribution and logistics is [SkillsUSA](https://www.skillsusa.org/).



## Education After High School

It is fact that young people who have at least one year of post-high school education earn thousands of dollars more a year. So, if you spend even one year at a two- or four-year college, in a certificate program at a technical school, or in an apprenticeship after you graduate from high school, you will very likely earn higher wages all your life. By furthering your education, you will be better-prepared to successfully navigate the world of work.

After taking CTE classes in transportation, distribution and logistics, you could pursue any number of opportunities including:

- On-the-job training as a commercial truck driver or motor pool mechanic
- A two-year college degree in motor fleet safety, vehicle systems, aircraft power technologies, or transportation and power systems
- A four-year college degree in urban design, transportation technologies, transportation engineering, marine science or transportation logistics

## Student Resources

### Middle & High School

For information about your district's CTE offerings and how to move forward with planning for your future, contact or visit:

- [Preparing for your future: Why CTE?](#)
- Your school career or guidance counselor
- Your principal or school district Career and Technical Education office
- Career and Technical Education - Washington

### Apprenticeship & College

More than 1,000 jobs in Washington are connected to an active, registered apprenticeship program. For more information about apprenticeships and colleges, visit:

- [How to become an apprentice: Five steps to getting started](#)
- [Washington State Board for Community and Technical Colleges](#)
- [Washington Student Achievement Council](#)
- [Washington Career Bridge](#)

## Additional Resources

- [Teamsters](#) - Union representing workers in many occupations, with considerable representation among workers in transportation, distribution and logistics. For example,

Teamsters represent workers in car hauling, warehousing, and air and surface package and freight delivery (trucks, tankers, ships and trains.)

- [International Longshore and Warehouse Union](#) - Has about 42,000 members in California, Washington, Oregon, Alaska and Hawaii
- [Boeing](#) - The world's leading aerospace company, the largest manufacturer of commercial jetliners and military aircraft combined, and one of the nation's largest exporters
- [Washington State Department of Transportation](#)
- [Sound Transit](#) - Operates express buses, commuter rail and light rail in the Puget Sound region, carrying nearly 14 million riders a year
- [Washington State Ferries](#) - Largest ferry system in the United States, operating 28 ferries among 20 ports of call in the Puget Sound. Employs 1,800 people and carries more than 26 million commuters, commercial users and tourists per year.
- [National Institute for Automotive Service Excellence](#) - Tests and certifies repair and service professionals
- Check out county and city government websites, as well. Each has its own governmental structure and employment opportunities in transportation, distribution and logistic.

## For Educators

- [Forms and Standards](#)
- [Comprehensive CIP Code Chart](#)

## CIP Codes

Classification of Instructional Programs (CIP) Codes assist in tracking, assessment, and reporting CTE courses.

- 470600
- 470601
- 470603
- 470604
- 470605
- 470606
- 470607
- 470611
- 470616
- 470688
- 470698
- 478888
- 490102
- 490309
- 498888