

Transportation, Distribution and Logistics Career Cluster

What is the Transportation, Distribution and Logistics Career Cluster?

The **Transportation, Distribution and Logistics Career Cluster (TDL)** involves the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also covers related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. It encompasses the major career areas of Air/Space Transportation, Rail Transportation, Water Transportation, Road Transportation and Mass Transit Systems.

Transportation, Distribution and Logistics is a critical sector of the United States economy. Almost 10 million people are employed in transportation and distribution or transportation-related occupations. High-growth industry and career specialties offer high-tech, high-wage opportunities. This industry sector represents over 11 percent of the gross domestic product, and is among the fastest growing of all sectors. The Bureau of Labor Statistics projects a 14.7 percent increase in employment in this sector through 2008. There will be a growing number of career opportunities in a variety of professional and technical occupations as well as entry-level occupations that can provide career advancement opportunities.

The Facility and Mobile Equipment Maintenance Pathway

Transportation/mobile equipment maintenance and servicing refers to business functions involved in the maintenance, repair, servicing, and refueling of transportation and mobile equipment including automotive and truck maintenance, aircraft maintenance and other types of mobile equipment maintenance. These functions play a critical support role to transportation operations in maintaining the reliability of transportation equipment. These business functions are also included in the Wholesale/Retail Sales and Service career area. Some sample occupations in this pathway include.

What are the connections to the business community?

Many businesses and organizations in the State of New Hampshire are involved in the Transportation/Mobile Equipment Maintenance Pathway. The NH Automobile Dealers Association represents Auto and Truck Dealers and associated businesses in the state and fully supports the Career Pathway and Automotive Education. The New Hampshire Automotive Education Foundation (NHAEF) is the not-for-profit education arm of NHADA. NHAEF works to strengthen the level of Automotive Technology education in New Hampshire by providing a link between the dealer community and local high school automotive programs. This partnership facilitates scholarship programs, tool and equipment donations, job shadowing, and part-time and full-time work opportunities. In addition, the Education Foundation assists high school Automotive Technology programs in achieving NATEF and AYES national industry certifications. National Automotive Technicians Education Foundation provides Automotive Service Excellence (ASE) certification for NH Career and Technical Centers. Automotive Youth Education Systems (AYES), encourages bright students with a good mechanical aptitude to pursue careers in the ever-changing fields of automotive service technology and to prepare them for entry-level positions or challenging academic options. Another major sector in

the state is the Trucking and Transport Industry. They are represented by The NH Motor Transport Association. NHMTA supports educational programs that promote quality skills and careers in the Trucking and Truck Service Industry. Many businesses support careers in the heavy equipment and off road equipment industry. These companies represent various equipment manufacturers promote careers in the area of Heavy Equipment Maintenance and Operation. Some of these are: Southworth Milton, McDevitt Trucks, Chapel Tractors, and R.C. Hazelton Company Inc.

What is the role of Post - Secondary Education?

Strong connections exist between the 20 Career and Technical Center Automotive and Equipment Programs and the NH Community Technical College System. The College has a variety of programs that include Certificates in Automotive Technology and Service Management as well as Associate Degrees in Automotive Technology specializing in the diagnosis, maintenance and repair of vehicles from all the major Auto Manufacturers. Additional Certificates and Associate Degrees in Heavy Equipment Maintenance, Marine Engine Technology and Aviation Technology are available through the college. Articulation Agreements and Project Running Start courses allow students to earn college credits while enrolled in TDL Pathway courses.



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