Transportation, Distribution, and Logistics Career Cluster

The Transportation. Distribution, and Logistics career cluster focuses on planning management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes transportation infrastructure planning and management, logistics services, and mobile equipment and facility maintenance. This career cluster includes occupations ranging from automotive mechanic, avionics technician, and automotive entrepreneur to pilots and logistics planning professionals.

The Diesel, Heavy Equipment Maintenance, and Commercial Drivers program of study focuses on occupational and educational opportunities associated with the function, operations, diagnosis, and service of diesel and heavy equipment systems. This pr Transportation Systems

Practicum in Entrepreneurship

Practicum in Entrepreneurship + Extended Practicum in

Entrepreneurship

Career Preparation for Programs of Study

Career Preparation for Programs of Study + Extended Career Preparation



Example Postsecondary Opportunities

Apprenticeships

Diesel Mechanic Apprentice



Associate Degrees

Diesel Mechanics Technology Medium/Heavy Vehicle and Truck Technology

Bachelor's Degrees

Electrical and PowerTransmission Technology Construction/Heavy Equipment/Earthmoving Equipment Operation

Additional Stackable IBCs/License Electronic Diesel Engine Diagnosis Specialist Certification (L2)



Example Aligned Occupations

Median Wage: \$46,825 Annual Openings: 29,081 10-Year Growth: 22%

Median Wage: \$57,943 Annual Openings: 2,637 10-Year Growth: 31%

Aligned Advanced Academic Courses

AP or IB

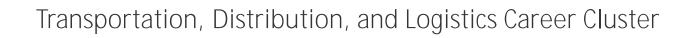
AP Physics 2: Algebra Based

Dual Credit Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

-Level Collision Non-Structural Analysis and Damage Repair (SR) ASE Entry-Level Collision Painting and Refinishing (PR) ASE Entry-Level Collision Structural Analysis and Damage Repair ASE Entry-Level Medium/Heavy Truck, Brakes (TB) ASE Entry-Level Medium/Heavy Truck, Diesel Engines (DE) ASE Entry-Level Medium/Heavy Truck, Electrical/Electronic Systems (TE) ASE Entry-Level Medium/Heavy Truck, Suspension and Steering (TS) ASE Refrigerant Recovery and Recycling Diesel Technology - Job Ready Heavy Equipment Maintenance and Repair - Job Ready Industrial Technology Maintenance (TM) - Basic Pneumatic Systems Industrial Technology Maintenance (TM) - Maintenance Operations





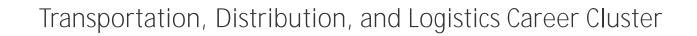
Course Information

Transportation, Distribution, and Logistics Career Cluster

	Course Information	
Course	Prerequisites Corequisites	Career Clusters
Diesel Equipment Technology II + Advanced Transportation Systems Laboratory 13040170 (3 credits)	Prerequisites: Diesel Equipment Technology I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Advanced Transportation Systems + Advanced Transportation Systems Laboratory* TBD (TBD credit)	Prerequisites: TBD Corequisites: TBD Recommended Prerequisites: TBD Recommended Corequisites: TBD	
Course	Prerequisites Corequisites	Career Clusters
Practicum in Transportation Systems* First Time Taken: 13040450 (2 credits) Second Time Taken: 13040460 (2 credits)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Practicum in Transportation Systems + Extended Practicum in Transportation Systems* First Time Taken: 13040455 (3 credits) Second Time Taken:	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

Level 3

Level 4



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