

Transportation, Distribution, and Logistics Career Cluster

The Transportation Distribution and Logistics career cluster focuses an 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 Power Transmission Technology
Construction/Heavy Equipment/Earthmoving
Equipment Operation

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



Example Aligned Occupations

Median Wage: \$46,825 Annual Openings: 29,081

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

Growth: 19%

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)
-SE Entry-Level Collision Painting and Refinishing (PR)
-SE Entry-Level Collision Structural Analysis and Damage Repair
-SE 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 (ITM) - Electrical Systems Industrial Technology Maintenance (ITM) - Maintenance Operations











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* TRD (TRD 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: 13040465 (3 credits)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	



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