

Diesel Power Technology

THE PROGRAM

The Diesel Power Technologies (DPT) Program at Kishwaukee College offers students the opportunity to train in a state-of-the-art diesel shop and receive hands-on instruction on all types of vehicles. Students learn to work on smaller components of large diesel engines in classroom settings. Our instructors make sure that students learn to work on the newest innovations in diesel technology, including new systems designed to increase environmental protection.

The certificate programs in Diesel Power Technology are intended to provide entry-level skills and training for students seeking careers in the field. Additionally, currently employed technicians who wish to upgrade their skills and technical knowledge may be interested in pursuing the certificate programs.

The DPT Program is part of the Transportation, Distribution & Logistics Career Cluster: The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. For more information, visit www.careertech.org/career-clusters/.

CAREER OPPORTUNITIES

Diesel technicians work in private shops, dealerships and fleet repair facilities throughout the nation, with on highway or off highway vehicles. Some diesel technicians concentrate on preventative maintenance in order to minimize expensive breakdown time, while others specialize in areas such as electronics, engines, transmissions, hydraulics or air conditioning/refrigeration.

DIESEL POWER/EQUIPMENT REPAIR

Curriculum No. 429

An advanced certificate program providing comprehensive training, skills and knowledge needed for careers in diesel power equipment technology. Requires 42 credit hours. Gainful employment information for certificates in the Diesel Power Technology program can be found at www.kish.edu/diesel.

FIRST YEAR			
Fall Semester			
DPT 172	Basic Engine Overhaul		(4)
DPT 175	Introduction to Tool Safety & Usage		(2)
DPT 177	Introduction to Diesels		(3)
DPT 178	Basic Hydraulics		(4)
Spring Semester			
DPT 101	Diesel Power Technology Career		(1)
DPT 173	Mobile Systems Electronics I		(3)
DPT 197	Diesel Power Tech Intern		(3)
DPT 274	Vehicle Air Conditioning		(3)
	Open Elective		(2)

SECOND YEAR			
Fall Semester			
DPT 154	Truck Brakes and Suspension		(4)
DPT 176	Basic Trans & Final Drives		(3)
DPT 279	Advanced Diesels		(3)
Spring Semester			
DPT 272	Advanced Engine Overhaul		(4)
DPT 273	Mobile Systems Electronics II		(3)

ELECTIVES			
Choose two (2) credit hours from list below			
DPT 199	Small Engine Maintenance and Repair		(3)
DPT 277	Combine Repair		(3)
DPT 291	Advanced Trans & Hydraulics		(4)
WT 116	Fundamental Welding Processes		(2)

Additional Sources of Information:

DEPARTMENT

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STUDENT SERVICES

Advising
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