

Associate in Applied Science

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. Requires 61 credit hours.

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.

FIRST YEAR		
Fall Semester		
DPT 172	Basic Engine Overhaul	(4)
DPT 175	Introduction to Tool Safety and Usage	(2)
DPT 177	Introduction to Diesels	(3)
DPT 178	Basic Hydraulics	(4)
TMAT 100	Technical Mathematics	(3)
Spring Semester		
DPT 101	Diesel Power Technology Careers	(1)
DPT 173	Mobile Systems Electronics I	(3)
DPT 197	Diesel Power Tech Intern	(3)
DPT 274	Vehicle Air Conditioning	(3)
	Open Elective	(2)
	Science Elective	(3)

SECOND YEAR		
Fall Semester		
DPT 154	Truck Brakes and Suspension	(4)
DPT 176	Basic Transmissions and Final Drives	(3)
DPT 279	Advanced Diesels	(3)
ENG 109	Intro to Technical Report Writing	(3)
COM 100	Oral Communication OR	
COM 108	Communication in the Workplace	(3)
Spring Semester		
DPT 272	Advanced Engine Overhaul	(4)
DPT 273	Mobile Systems Electronics II	(3)
DPT 291	Advanced Trans & Hydraulics	(4)
	Humanities/Social Science Elective	(3)

OPEN ELECTIVES		
DPT 199	Small Engine Maintenance & Repair	(3)
DPT 277	Combine Repair (Spring)	(3)
WT 116	Fundamental Welding Processes	(2)

Additional Sources of Information:

DEPARTMENT

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STUDENT SERVICES

Advising
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