



MITCHELLTECH

Diesel Power – Ag Power Technology

- Hands-on experience with today's biggest, most automated machinery
- Courses include drive trains, hydraulics, electrical systems, air conditioning systems, GPS, harvesting equipment, and service management
- Receive hands-on training and learn critical diagnostic and troubleshooting skills in our new 43,000 sq. ft. lab



JOB PLACEMENT RATE: 100%*

TUITION/FEES: \$19,721

Book and tool costs not included.

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2024, 7 of the 7 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

GET READY



**605.995.3025
mitchelltech.edu**

Award: AAS Degree

First Semester		Semester Credits
DPT	101	Intro to Light Truck Diesel Engines 4
DPT	105	Service Fundamentals and Preventive Maintenance 2
DPT	120	Diesel Engines Control Systems 3
DPT	130	Electrical Electronic Systems 2
OSHA	100	OSHA 10 General 1
CIS	105	Introduction to Computers 3
SSS	100	Student Success 1
		Math Elective 3
		19

Second Semester		Semester Credits
AGT	103	Machinery Management 2
DPT	107	Introduction to Hydraulics 3
DPT	115	Intro to Powertrain 3
DPT	121	Adv. Diesel Engine and Control Sys. 3
DPT	161	Air Cond. Service Fundamentals 3
DPT	280	Successful Service Management 1
		Social Science Elective 3
		18

Third Semester (Summer)		Semester Credits
DPT	290	Internship 6

Fourth Semester (Fall)		Semester Credits
AGT	212	Ag Chem Equipment 3
DPT	215	Ag Equipment Powertrain and Drivetrains Systems 2
DPT	231	Electrical/Electric Diagnostics II 3
DPT	240	Harvesting Equipment Maintenance and Repair 3
PAT	102	Principles of GPS/GIS 2
		Behavioral Science Elective 3
		Written Communications Elective 3
		19

Fifth Semester (Spring)		Semester Credits
DPT	201	Guidance Steering & Variable Rate 3
DPT	210	Adv. Fluid Power Dynamics 3
DPT	221	Ag Equipment Diagnostics 3
DPT	241	Tractor Performance and Set-Up 2
WLD	102	Basic Welding 2
Electives (Choose one or two)		
DPT	243	Seeding Equipment Fundamentals 3
DPT	245	Hay Equipment Fundamentals 3
		16

Total Credits Required to Graduate: 78



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