



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



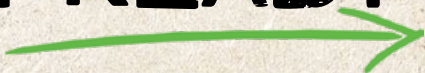
JOB PLACEMENT RATE: 100%*

TUITION/FEES: \$19,721

Books 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 Engines4
DPT	105	Service Fundamentals and Preventive Maintenance2
DPT	120	Diesel Engines Control Systems3
DPT	130	Electrical Electronic Systems.2
OSHA	100	OSHA 10 General1
CIS	105	Introduction to Computers3
SSS	100	Student Success.1
		Math Elective3
		19

Second Semester		Semester Credits
AGT	103	Machinery Management2
DPT	107	Introduction to Hydraulics.3
DPT	115	Intro to Powertrain3
DPT	121	Adv. Diesel Engine and Control Sys.3
DPT	161	Air Cond. Service Fundamentals3
DPT	280	Successful Service Management1
		Social Science Elective3
		18

Third Semester (Summer)		Semester Credits
DPT	290	Internship6

Fourth Semester (Fall)		Semester Credits
AGT	212	Ag Chem Equipment.3
DPT	215	Ag Equipment Powertrain and Drivetrains Systems2
DPT	231	Electrical/Electric Diagnostics II.3
DPT	240	Harvesting Equipment Maintenance and Repair.3
PAT	102	Principles of GPS/GIS.2
		Behavioral Science Elective3
		Written Communications Elective.3
		19

Fifth Semester (Spring)		Semester Credits
DPT	201	Guidance Steering & Variable Rate3
DPT	210	Adv. Fluid Power Dynamics3
DPT	221	Ag Equipment Diagnostics3
DPT	241	Tractor Performance and Set-Up2
WLD	102	Basic Welding.2
Electives (Choose one or two)		
DPT	243	Seeding Equipment Fundamentals3
DPT	245	Hay Equipment Fundamentals3
		16

Total Credits Required to Graduate: 78



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