



MITCHELL TECH

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



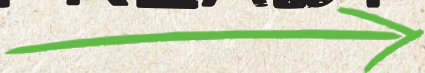
JOB PLACEMENT RATE: 100%*

TUITION/FEES: \$20,064

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 2025, 9 of the 9 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 (Fall)		Semester Credits
DPT	101	Intro to Light Truck Diesel Engines3
DPT	105	Service Fundamentals & Preventive Maintenance3
DPT	120	Diesel Engines Control Systems3
DPT	130	Electrical/Electronic Systems2
OSHA	100	OSHA 10 General1
CIS	105	*Introduction to Computers3
SSS	100	Student Success.....1
		*Math Elective3
		19

Second Semester (Spring)		Semester Credits
AGT	103	Machinery Management2
DPT	107	Introduction to Hydraulics.....3
DPT	115	Intro to Powertrain3
DPT	121	Adv. Diesel Engine & Control Systems ...3
DPT	161	Air Cond. Service Fundamentals3
DPT	280	Successful Service Management1
		*Social Science Elective.....3
		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 & Drivetrains Systems2
DPT	231	Electrical/Electric Diagnostics II.....3
DPT	240	Harvesting Equipment Maintenance & Repair3
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 Rate.....3
DPT	210	Adv. Fluid Power Dynamics3
DPT	221	Ag Equipment Diagnostics3
DPT	241	Tractor Performance & Set-Up2
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

*Dual credit opportunity