



# **MITCHELLTECH**

## **Diesel Power – Ag Power Technology**

- A great way to get your hands on some of today's biggest, most automated machinery used in the agriculture industry
- Take classes in electronic controls, GPS, drive trains, hydraulics, electrical systems, air conditioning systems, harvesting equipment, service management and more
- Receive hands-on training and learn applied skills such as repair, diagnostic and troubleshooting skills that are critical for this industry

**JOB PLACEMENT RATE: 100%\***

**TUITION/FEES: \$18,870**

*Book and tool costs extra.*

\*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2021, 10 of the 10 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

# **BE THE BEST.**

**800-684-1969**  
**mitchelltech.edu**

**Award: AAS Degree**

First Semester		Semester Credits
DPT	120	Diesel Engine & Control Systems..... 3
DPT	130	Electrical/Electronic Systems ..... 2
OPRV	105	Service Center Fundamentals ..... 2
OPRV	120	Basic Engine Theory & Operation ..... 2
OPRV	121	Basic Engine Lab ..... 2
OSHA	100	OSHA 10 Training ..... 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	Intro to Hydraulics ..... 2
DPT	115	Intro to Powertrain..... 2
DPT	121	Adv. Diesel Engine & Control Systems.... 3
DPT	161	Air Conditioning Service Fundamentals .. 2
OPRV	150	Hand-held Power Equipment Lab ..... 3
OPRV	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 Chemical Equipment..... 3
DPT	215	Adv. Powertrain & Drive Systems ..... 2
DPT	240	Harvesting Equipment Basics ..... 3
DPT	241	Tractor Performance & Setup..... 2
PAT	102	Principles of GPS/GIS..... 2
		Behavioral Science Elective ..... 3
		Written Communications Elective ..... 3
		18

Fifth Semester (Spring)		Semester Credits
DPT	201	Guidance, Steering & Variable Rate Oper. . 3
DPT	210	Adv. Fluid Power Dynamics ..... 3
DPT	221	Ag Equipment Diagnostics ..... 3
DPT	231	Adv. Electrical/Electronics Diagnostics... 3
WLD	102	Basic Welding ..... 2
Electives (Choose one or two)		
DPT	243	Seeding Equipment Fundamentals..... 3
DPT	245	Hay Equipment Fundamentals ..... 3
		17

**Total Credits Required to Graduate: 78**



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