



Be The Best!

Diesel 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, introductory diesel, 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: \$17,017

Books, CDL and tool costs extra.

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2017, 26 of the 27 graduates responded to the survey. Employment/Continuing Education rate is figured by: (graduates employed or continuing education)/(responding graduates who are seeking employment and are not in military service).



Mitchell Technical Institute
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Aspen Prize Top 10 Community College

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-General..... 1
CIS	105	Introduction to Computers..... 3
SSS	100	Student Success 1
		Math Elective 3
		19

Second Semester		Semester Credits
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	Handheld Power Equipment 3
OPRV	280	Successful Service Management..... 1
AGT	103	Machinery Management..... 2
		Social Science Elective 3
		18

Third Semester (Summer)		Semester Credits
DPT	290	Internship 6

Fourth Semester (Fall)		Semester Credits
DPT	215	Adv. Powertrain & Drive Systems 2
AGT	212	Ag Chemical Equipment 2
PAT	102	Principles of GPS/GIS..... 2
		Communications Elective 3
		Behavioral Science Elective..... 3

Electives (Choose two or three)		
DPT	240	Harvesting Equipment Basics..... 3
DPT	241	Tractor Performance & Setup..... 2
DPT	242	Sales & Marketing: Parts & Aftermarket 2
		16

Fifth Semester (Spring)		Semester Credits
DPT	201	Guidance, Steering & Variable Rate Oper. 3
DPT	210	Adv. Fluid Power Dynamics & Diagnostics.... 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: 76



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