



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: \$18,005

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 2019, 12 of the 13 graduates responded to the survey. 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-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 | 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 |
| | | Social Science Elective..... 3 |
| | | 18 |

| Third Semester (Summer) | | Semester Credits |
|-------------------------|-----|--------------------|
| DPT | 290 | Internship 6 |

| Fourth Semester (Fall) | | Semester Credits |
|------------------------|-----|---|
| AGT | 212 | Ag Chemical Equipment 2 |
| DPT | 215 | Adv. Powertrain & Drive Systems 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 |
| | | 17 |

| 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: 77



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