



MITCHELLTECH

Precision Ag Technology

- Combines aspects of electronics, business, agriculture, and technology to meet industry needs
- Highly experienced instructors
- Courses in yield monitoring, guidance systems, data processing, agronomy, ag economics, and more
- Internship experience
- Great career opportunities include GPS technician, custom applicator, GIS specialist, GIS coordinator, precision technician and more



JOB PLACEMENT RATE: 100%*
TUITION/FEES/LAPTOP: \$19,503
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 2023, 14 of the 14 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

BE THE BEST.

605-995-3025
mitchelltech.edu

Award: AAS Degree

| First Semester | | Semester Credits |
|----------------|-----|--|
| EC | 121 | AC/DC Analysis 4 |
| PAT | 102 | Principles of GPS/GIS 2 |
| PAT | 107 | Basic Hydraulics 2 |
| PAT | 130 | Technology Installation & Operations I 4 |
| PAT | 151 | Precision Ag Electronics Lab 3 |
| CIS | 107 | Spreadsheet Concepts 3 |
| SSS | 100 | Student Success 1 |
| | | 19 |

| Second Semester | | Semester Credits |
|-----------------|-----|---|
| PAT | 112 | CAD System Design 2 |
| PAT | 135 | Principles of Chemical Applications 3 |
| PAT | 140 | Guidance and Unmanned Aircraft Systems 3 |
| PAT | 142 | Data Collection and Wireless Technologies 3 |
| PAT | 190 | Internship 6 |
| OSHA | 100 | OSHA 10 General 1 |
| | | 18 |

| Third Semester (Fall) | | Semester Credits |
|-----------------------|-----|---|
| AGT | 120 | Soil Science I 3 |
| AGT | 212 | Ag Chem Equipment 3 |
| AGT | 261 | Ag Sales & Service 3 |
| PAT | 202 | 3D Printing and Reverse Engineering 2 |
| PAT | 210 | GIS Applications 4 |
| | | Math Elective 3 |
| | | General Education Elective 3 |
| | | 21 |

| Fourth Semester (Spring) | | Semester Credits |
|--------------------------|-----|---|
| AGT | 110 | Crop Science I 3 |
| AGT | 218 | Principles of Ag Business Management . . 3 |
| PAT | 203 | Intro to Variable Rate Systems 3 |
| PAT | 230 | Technology Installation and Operations II . 4 |
| CPR | 100 | First Aid, CPR & AED 0.5 |
| | | Communications Elective 3 |
| | | General Education Elective 3 |
| | | 19.5 |

Total Credits Required to Graduate: 77.5



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