



# ***MITCHELLTECH***

## **Precision Ag Technology**

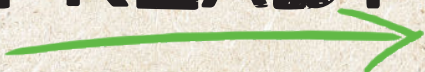
- Combines electronics, agriculture, business, and technology to meet industry needs
- Hands-on training in precision equipment, drones, guidance systems, and data-driven farming
- Courses in yield monitoring, data processing, agronomy, ag economics, and variable-rate technology
- Highly experienced instructors, internship experience, and FAA Remote Pilot Certificate
- Career opportunities include GPS technician, precision technician, GIS specialist, custom applicator, and more



**JOB PLACEMENT RATE: 100%\***  
**TUITION/FEES/LAPTOP: \$20,966**  
*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, 12 of the 12 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 |
|-----------------------|-----|---------------------------------------------|------------------|
| EC                    | 113 | Electronic Theory. ....                     | 3                |
| PAT                   | 102 | Principles of GPS/GIS. ....                 | 2                |
| PAT                   | 107 | Basic Hydraulics ....                       | 2                |
| PAT                   | 130 | Technology Installation & Operations I. . . | 4                |
| CIS                   | 107 | *Spreadsheet Concepts. ....                 | 3                |
| MATH                  | 162 | Digital Math ....                           | 3                |
| SSS                   | 100 | Student Success. ....                       | 1                |
| TRAN                  | 100 | Industrial Transportation CDL ....          | 1                |
|                       |     |                                             | 19               |

| Second Semester (Spring) |     |                                             | Semester Credits |
|--------------------------|-----|---------------------------------------------|------------------|
| PAT                      | 112 | CAD System Design ....                      | 2                |
| PAT                      | 135 | Principles of Chemical Applications . . . . | 3                |
| PAT                      | 140 | Guidance & Unmanned Aircraft Systems. ....  | 3                |
| PAT                      | 142 | Data Collection & Wireless Technologies . . | 3                |
| PAT                      | 190 | Internship ....                             | 6                |
| OSHA                     | 100 | OSHA 10 General ....                        | 1                |
| CPR                      | 100 | First Aid, CPR & AED. ....                  | 0.5              |
|                          |     |                                             | 18.5             |

| 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 & Reverse Engineering. .... | 2                |
| PAT                   | 210 | GIS & AI Applications ....              | 4                |
|                       |     | *General Education Elective ....        | 3                |
|                       |     |                                         | 18               |

| Fourth Semester (Spring) |     |                                             | Semester Credits |
|--------------------------|-----|---------------------------------------------|------------------|
| AGT                      | 110 | Crop Science I ....                         | 3                |
| AGT                      | 218 | Principles of Ag Business Management . .    | 3                |
| PAT                      | 203 | Intro to Variable Rates. ....               | 3                |
| PAT                      | 230 | Technology Installation & Operations II . . | 4                |
|                          |     | *Communications Elective ....               | 3                |
|                          |     | *General Education Elective ....            | 3                |
|                          |     |                                             | 19               |

**Total Credits Required to Graduate: 74.5**

\*Dual credit opportunity