



# ***MITCHELLTECH***

## **Precision Ag Technology**

- Combines aspects of drone aviation, 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: \$19,476**  
*Book 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 2024, 17 of the 17 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		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
CPR	100	First Aid, CPR AED ..... 0.5
MATH	162	Digital Math ..... 3
SSS	100	Student Success ..... 1
		18.5

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
		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 and Operations II . 4
		Communications Elective ..... 3
		General Education Elective ..... 3
		19

**Total Credits Required to Graduate: 73.5**



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