



MITCHELL TECH

Utilities Technology (Combination Degree)

- Combines two popular one-year programs into one, allowing you to earn an AAS degree
- Choose from Power Line Construction & Maintenance; Heating & Cooling Technology; or Drone Aviation & Geospatial Technologies
- Learn in-demand skills and gain valuable hands-on experience
- Match up two specialties to create a unique set of skills that will put you in high demand
- High starting salaries
- Excellent job opportunities



Costs factored according to individual educational plans.

GET READY



605.995.3025
mitchelltech.edu

Choose Two Programs

Power Line Curriculum

First Semester		Semester Credits
PAT	100	Intro to GPS Technologies 1
PL	111	Fundamentals of DC/AC 2
PL	141	Power Grid Design 2
PL	150	Field Training I 4
PL	151	Construction of Underground Lines 4
PL	181	Field Safety I 3

Second Semester		Semester Credits
PL	120	Transformer Connections 2
PL	143	Power Grid Design II 2
PL	154	Maintenance of Underground Lines 4
PL	156	Field Training II 4
PL	182	Field Safety II 3

Drone Aviation & Geospatial Technologies Curriculum

First Semester		Semester Credits
MAP	101	Introduction to GIS 4
MAP	102	Principles of GPS 2
MAP	105	UAS Operation 2
MAP	110	CAD I 2
MAP	130	Leveraging Artificial Intelligence 2

Second Semester		Semester Credits
MAP	121	Cloud Based GPS/GIS Apps 2
MAP	122	3D Printing Applications in Geospatial Technologies 2
MAP	125	GIS Problems & Analysis 4
MAP	128	Remote Sensing 3
MAP	140	Drone Aviation and Geospatial Lab 2
CIS	107	Spreadsheet Concepts 3

Heating & Cooling Technology Curriculum

First Semester		Semester Credits
HV	101	Electrical Fundamentals 3
HV	111	Heating Fundamentals 3
HV	121	Air Condition & Refrig. Fundamentals 2
HV	151	Air Condition/Heating/Refrigeration Lab I 4

Second Semester		Semester Credits
HV	122	Sheet Metal Tech Lab 3
HV	132	Heating Refrigeration Theory 4
HV	142	HV Controls Heat Pumps 3
HV	152	Air Conditioning Heating/Ref Lab II 4

In addition to the technical courses required in each program, the student seeking an AAS degree must also complete:

TRAN	100	Industrial Transportation CDL 1
OSHA	101	OSHA 10 Construction 1
CPR	100	First Aid, CPR AED 0.5

In addition to the technical courses required in the program, the student seeking an AAS degree must also complete 16 credits of general education courses as outlined in the general education section of the catalog.