



MITCHELLTECH

Utilities Technology (Combination Degree)

- Combines a set of two popular one-year programs into one, allowing you to earn an AAS degree
- Choose from Power Line Construction & Maintenance; Natural Gas Technology; Heating & Cooling Technology; or Geospatial Technologies
- Learn the best 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

TUITION/FEES/LAPTOP: Costs factored according to individual educational plans

BE THE BEST.

800-684-1969
mitchelltech.edu

Choose Two Programs

PL Curriculum

First Semester		Semester Credits
PL	100	Apprenticeship Prep 1
PL	111	Fundamentals of DC/AC 3
PL	141	Power Grid Design 2
PL	150	Field Training I 4
PL	151	Construction of Underground Lines 4
PL	171	Utility Safety I 1
PAT	100	Intro to GPS Technologies 1

Second Semester		Semester Credits
PL	120	Transformer Connections 3
PL	143	Power Grid Design II 3
PL	154	Maintenance of Underground Lines 4
PL	156	Field Training II 4
PL	172	Utility Safety II 1

Geospatial Technologies Curriculum

First Semester		Semester Credits
MAP	101	Introduction to GIS 4
MAP	105	GPS Data Collection & Management 4
MAP	110	CAD I 2

Second Semester		Semester Credits
MAP	120	CAD II 2
MAP	121	Cloud Based GPS/GIS Apps 2
MAP	125	GIS Problems & Analysis 4
MAP	128	Remote Sensing 3
CIS	107	Spreadsheets 3

Heating & Cooling Technology Curriculum

First Semester		Semester Credits
HV	101	Electrical Fundamentals 3
HV	111	Heating Fundamentals 3
HV	121	Air Condition & Refrigeration 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 Condition Heating/Refrigeration Lab II 4

Natural Gas Technology Curriculum

First Semester		Semester Credits
NGT	100	Safety for the Natural Gas Technician 1
NGT	101	Electrical Fundamentals 3
NGT	102	Gas Operations & Maintenance 3
NGT	105	Gas Installation Lab 3
NGT	110	Trenching & Excavation Practices 2
NGT	120	Corrosion Management 2

Second Semester		Semester Credits
NGT	104	Foundations of Natural Gas Technology .. 2
NGT	112	Gas Metering & Regulators 3
NGT	115	Gas Mapping & Locating 4
PAT	102	Principles of GPS/GIS 2
BUS	204	Customer Service 3

In addition to the technical courses required in each program, the student seeking an AAS degree must meet general education requirements.