



MITCHELLTECH

Heating & Cooling Technology

- Hands-on (or practical) labs focused on residential, commercial, and cooling systems
- Industrial heating/cooling and refrigeration controls
- “Green” techniques including solar thermal and geothermal
- Excellent reputation in the industry
- Accredited by HVAC Excellence
- High starting salaries



JOB PLACEMENT RATE: 100%*

TUITION/FEES/LAPTOP:

AAS DEGREE: \$20,741

DIPLOMA OPTION: \$10,399

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, 10 of the 10 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: One-Year Diploma or AAS Degree

First Semester (Fall)		Semester Credits
HV	101	Electrical Fundamentals3
HV	111	Heating Fundamentals.....3
HV	121	Air Condition & Refrig. Fundamentals2
HV	151	Air Condition, Heat & Refrig Lab I4
CPR	100	First Aid, CPR & AED.....0.5
OSHA	101	OSHA 10 Construction1
SSS	100	Student Success.....1
		*Communications Elective3
		17.5

Second Semester (Spring)		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, Heat & Refrig. Lab II4
		*Math Elective3
		17

Total Credits Required to Graduate: 34.5 (Diploma)

*Dual credit opportunity

AAS Degree ONLY

Third Semester (Summer)		Semester Credits
HV	290	Internship6

Fourth Semester (Fall)		Semester Credits
HV	160	Planning & Estimating3
HV	231	Heat Pumps/Solar Heating Theory.....3
HV	244	Schematics.....2
HV	251	Air Condition, Heat & Refrig. Lab III.....4
CIS	105	*Introduction to Computers3
		*General Education Elective3
		18

Fifth Semester (Spring)		Semester Credits
HV	202	Commercial Refrigeration4
HV	232	Commercial Air Conditioning3
HV	252	Air Condition, Heat & Refrig. Lab IV4
HV	259	DDC Temperature Control3
		*General Education Elective3
		17

Total Credits Required to Graduate: 75.5 (AAS)

*Dual credit opportunity

The Heating and Cooling Technology program is accredited by:

HVAC Excellence
PO Box 491
Mt. Prospect, IL 60056
800.394.5268
www.hvacexcellence.org

