



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 photovoltaic and geothermal
- Excellent reputation in the industry
- Accredited by HVAC Excellence
- High starting salaries



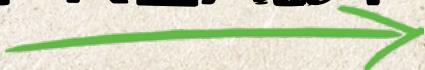
JOB PLACEMENT RATE: 95%[†]
TUITION/FEES/LAPTOP: \$19,892*
**DIPLOMA OPTION TUITION/FEES/
LAPTOP: \$9,853**

[*For two-year AAS degree]

Book and tool costs extra.

†Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2024, 19 of the 19 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		Semester Credits
HV	101	Electrical Fundamentals3
HV	111	Heating Fundamentals.....3
HV	121	Air Condition & Refrigeration Fund.....2
HV	151	Air Condition Heat & Refrig Lab I.....4
CPR	100	First Aid, CPR AED0.5
OSHA	101	OSHA 10 Construction1
SSS	100	Student Success.....1
		Communications Elective3
		17.5

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
		Math Elective3
		17

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: 34.5 (Diploma)

Total Credits Required to Graduate: 75.5 (AAS)

The Heating and Cooling Technology program is accredited by:

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

