



MITCHELL TECH

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 Fundamentals	3
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 AED	0.5
OSHA	101	OSHA 10 Construction	1
SSS	100	Student Success	1
		Communications Elective	3
			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 Elective	3
			17

AAS Degree ONLY

Third Semester (Summer)			Semester Credits
HV	290	Internship	6

Fourth Semester (Fall)			Semester Credits
HV	160	Planning & Estimating	3
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 Computers	3
		General Education Elective	3
			18

Fifth Semester (Spring)			Semester Credits
HV	202	Commercial Refrigeration	4
HV	232	Commercial Air Conditioning	3
HV	252	Air Condition Heat Refrig Lab IV	4
HV	259	DDC Temperature Control	3
		General Education Elective	3
			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

