



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: 100%[†]
TUITION/FEES/LAPTOP: \$18,967*
DIPLOMA OPTION TUITION/FEES/
LAPTOP: \$9,349

[*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 2023, 13 of the 13 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

BE THE BEST.

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

