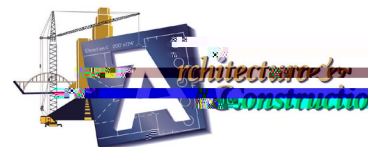


# HEATING, VENTILATION, AIR CONDITIONING/REFRIGERATION

A.A.S. Degree, 72 Credits

*NOTE: Below is the recommended course sequence for students who start in the **FALL 2020** semester.*





### Program Core Competencies

Graduates of this program will be able to:

1. Test electrical circuits
2. Build or repair a refrigeration system
3. Conduct testing of different heating systems
4. Recover system refrigerants
5. Identify electrical, heating and refrigeration components

Offered on North Mankato Campus

Admission Dates Fall & Spring Semesters

This program has an online option for one or more of its courses. Contact Advisor for online option availability. For more information, please visit [www.online.southcentral.edu](http://www.online.southcentral.edu).

HVAC2310	Hydronic Heat	2
HVAC2010	IPH Motors & Auxiliary Controls	2
HVAC220	Coolers Freezers Electrical Systems	3
HVAC225	Coolers Freezers Refrig. Diagnostic	3
Tech Elective*	Technical Electives	6

#### Semester Three (Spring) – 17 Credits

HVAC2240	Central Air Conditioning	2
HVAC2220	Commercial Ice Makers	3
HVAC2230	Commercial Alternative Systems	1
HVAC2301	Indoor Air Quality	1
HVAC2325	Commercial Package Heat/Cool Units	2
Tech Elective*	Technical Electives	8

#### Semester Four (Fall) -14 Credits\*

LAS Credits*	MNTC Credits from 3 of 10 MNTC Goal Areas	12
Tech Elective*	Technical Electives	2

\*NOTE: To earn this degree, students must complete technical elective credits (options listed in catalog), other technical elective course credits, and 5 Liberal Arts & Sciences MNTC credits from 3 of the 10 MNTC Goal Areas (combination of required and recommended). The sequence in which a student takes the required liberal arts & sciences (LAS) and technical education credit determined by the student's schedule, goals and skills, as well as class availability. Prerequisites may be required. Be sure to meet with a program advisor before starting.