

Commercial Heating, Ventilation, Air Conditioning and Refrigeration (EP) Diploma

Semester Sequence

Offered at Eden Prairie Only

First Semester

HVAC2001	Packaged Heating and Cooling Equipment	4
HVAC2005	Commercial HVAC/R Safety and Servicing Procedures	2
HVAC2010	Commercial Heat Pump Systems	2
HVAC2020	Pneumatic Controls	2
HVAC2030	Commercial Ice Making Machines	3
HVAC2041	Gas/Refrigeration (Mechanical) Code	1
HVAC2050	Electrical for Commercial HVAC&R Equipment	2
	General Education Electives	2

Total Credits 18

Second Semester

HVAC1005	OSHA 30-Hour Construction Safety Training	2
HVAC2060	Computer Room Air Conditioning	1
HVAC2100	Water Chiller Machines	3
HVAC2111	Low Pressure Steam and Water Boilers	2
HVAC2121	Refrigerated Coolers and Cases	4
HVAC2130	Supermarket Refrigeration	3
HVAC2165	Air Handling Units	1
	Choose one of the following:	
CCDS1040	Job Seeking Skills	2
COMM1050	Communication in the Workplace	2
ENGL1026	Writing for Careers	3

Total Credits 18

General Education Electives

If a General Education course is required it may not be used as a General Education Elective.

Minnesota Transfer Curriculum (MnTC) may also be used to meet General Education Elective requirements. A complete list of MnTC courses can be found at www.hennepintech.edu.

CCDS1000	College Success Seminar	1
CCDS1020	Interviewing Skills	1
CCDS1040	Job Seeking Skills	2
CCDS1100	Student Success	3
COMM1050	Communication in the Workplace	2
CPLT1000	Computer Keyboarding	2
CPLT1005	Advanced Keyboarding and Document Processing	3
CPLT1100	Computer Essentials	3
CPLT1200	Introduction to Macintosh	3
EMSV1020	CPR/First Aid	1
ENGL1010	Business English	3
ENGL1021	Essay Fundamentals	3
ENGL1026	Writing for Careers	3
MATH1007	Math for the Trades	2
MATH1020	Geometry and Trigonometry	2
MATH1050	Math Pathways Plus for College and Careers	4
MATH1060	Math Pathways for College and Careers	3
MATH1500	Beginning Algebra	3

MATH1650	Mathematical Literacy	4
MATH1700	Intermediate Algebra	3
METS1000	Computers in Manufacturing	3
PHYS1000	Fundamentals of Physics	2

Choose a Total of: 2 Credits

Graduation (36 Credits)

Prerequisite: Successful completion of the Residential Heating, Ventilation and Air Conditioning program or a minimum of 2 years related work experience.

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

3/31/2021 : BP / EP 3308