

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY DIPLOMA

The Diploma is intended for students who want hands-on skills and job knowledge for service and installation employment. Students will complete the required courses for the fall, spring and summer terms of the HVAC program for a total of 45 semester credit hours. Students seeking the Diploma option should plan on 8 credit hours for internships for this award.

Course	Title	Credit Hours
First Semester		
Fall		
HVAC 1005	Safety	1.0
HVAC 1315	Electrical Theory	3.5
HVAC 1320	Electrical Applications Lab	1.0
HVAC 1330	Sheetmetal Installation	3.0
HVAC 1340	Furnace Fundamentals	4.0
HVAC 1350	Furnace Fundamentals Lab	3.0
HVAC 1360	Fall Internship	1.5
EMTL 1310	American Heart First Aid Plus	0.5
Credit Hours		17.5
Second Semester		
Spring		
HVAC 1410	A/C Cycle Theory	3.0
HVAC 1425	A/C Cycle Lab	2.0
HVAC 1435	A/C Controls Theory	3.0
HVAC 1440	A/C Controls Lab	1.0
HVAC 1445	A/C Apps Refrigerant/Rec	4.0
HVAC 1460	A/C Applications Lab	1.0
HVAC 1475	Heat Pumps Theory	3.0
HVAC 1480	Heat Pumps Lab	1.0
HVAC 1400	Spring Internship	1.5
Credit Hours		19.5
Third Semester		
Summer		
Select one of the following internship courses:		8.0
HVAC 1490	Internship	
HVAC 1500 & HVAC 1510	Comm Refrigeration Elec Mechanical and Comm Refrigeration Elec Mech Lab	
Credit Hours		8.0
Total Credit Hours		45.0

HVAC 1005 Safety is a prerequisite for all HVAC classes, except night classes.