



Certificate 4280 Heating, Ventilation, & Air Cond./Refrig. Effective Fall 2018

30 Credits

This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.

Developmental Courses (as determined through College Placement Testing)* and Prerequisites:
 * Zero level courses must be completed with a C grade or higher.

ESL classes

Required Program Courses

HVAC 100	1cr	EPA Refrig. Handling, Prep. & Testing	Pre/Corequisite: HVAC 103
HVAC 101	4cr	Basic Electrical Fund. (for HVAC)	Prerequisite: None
HVAC 102	1cr	R410A Safety and Handling	Pre/Corequisite: HVAC 103
HVAC 103	4cr	Fundamentals of AC I	Pre/Corequisite: HVAC 101
HVAC 105	4cr	Fundamentals of AC II	Prerequisite: HVAC 103
HVAC 107	4cr	Fund. of Low and Med. Temp. Refrig.	Prerequisite: HVAC 105
HVAC 109	4cr	Heating Systems	Pre/Corequisite: HVAC 101
HVAC 110	3cr	Fund. of AC & Heating System Design	Prerequisite: HVAC 101
HVAC 200	3cr	HVAC Control Systems	Prerequisites: HVAC 101,105,109
Program Elective	1cr or more	Select one from the following (ELEC 100, GTEC 101, HVAC 106)	Prerequisite: dependent upon course selection
GTEC 105	1cr	Customer Service	Prerequisites: None

Advising Notes

HVAC courses are offered day and evening. The entire 4280 certificate can be completed at the Harrisburg and York Campus locations. Each term course offerings may change due to class enrollments and instructor availability. Some courses only offered Fall or Spring. Please check with a full time HVAC instructor or advisor for up-coming term course offerings.

Recommended Sequence For Full-Time Students

Part-time students can complete this program by taking one or more courses each semester.

Semester 1 - Fall		Semester 2 - Spring	
GTEC 105	1	HVAC 100	1
HVAC 101	4	HVAC 102	1
HVAC 103	4	HVAC 105	4
HVAC 109	4	HVAC 107	4
Program Elective	1	HVAC 110	3
		HVAC 200	3

Counselor/Advisor Contact Information by Campus:

<u>Gettysburg</u>	<u>Harrisburg</u>	<u>Lancaster</u>	<u>Lebanon</u>	<u>York</u>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213