Heating, Ventilation, and Air Conditioning, Certificate 24-25 catalog

Description: This certificate program stresses the development of techniques needed for students to work as HVAC technicians. Students gain knowledge of various environmental conditions and how they impact human comfort level. In addition, students will have the skills necessary to install and service HVAC systems. Students should develop sufficient skills and knowledge for North American Technician Excellence (NATE) Certification.

Completion Time: 2 Years

Part-time course schedule (You do not have to follow this exact schedule. It is meant to show the courses needed.)

Year 1

Fall Semester

❑ **Success Skills for the 21st Century**	GNST 100	*3 Cr.*
❑ **Industrial Applied Algebra**	INDS 122	*2 Cr.*
❑ **Electrical Circuit Analysis***	ATMN 110	*3 Cr.*
❑ **HVAC Principles**	HVAC 100	*3 Cr.*

Spring Semester

❑ **Industrial Motors and Controls**	ATMN 140	*4 Cr.*
❑ **HVAC Fundamentals**	HVAC 120	*3 Cr.*
❑ **HVAC Controls**	HVAC 130	*1 Cr.*

Year 2

Fall Semester

❑ **State Electrical Code**	HVAC 200	*1 Cr.*
❑ **Comfort and Airflow**	HVAC 210	*3 Cr.*
❑ **HVAC Installation**	HVAC 220	*5 Cr.*

Spring Semester

❑ **HVAC Service**	**HVAC 230**	**5 Cr.**
❑ **Industrial Applied Geometry**	INDS 124	*2 Cr.*

Total Credits: 35

*ATMN 110 requires knowledge of algebra and manipulation of variables. INDS 122 is a pre-requisite but may be allowed to enroll along with ATMN 110 depending on mathematics background. Please contact Student Success Center with questions.

Academic Advising: You should meet with an academic counselor prior to registering for classes.

Note: Prerequisite courses may apply to this program. A minimum of 30 unduplicated credits (100 level or higher) are required for all certificate programs.

Heating, Ventilation, and Air Conditioning, Certificate 24-25 catalog

Description: This certificate program stresses the development of techniques needed for students to work as HVAC technicians. Students gain knowledge of various environmental conditions and how they impact human comfort level. In addition, students will have the skills necessary to install and service HVAC systems. Students should develop sufficient skills and knowledge for North American Technician Excellence (NATE) Certification.

Completion Time: 2 Years

Part-time spring start course schedule (You do not have to follow this exact schedule. It is meant to show the courses needed.)

Year 1

Spring Semester

❑ **Success Skills for the 21st Century**	GNST 100	*3 Cr.*
❑ **Industrial Applied Algebra**	INDS 122	*2 Cr.*

Fall Semester

❑ **Electrical Circuit Analysis***	ATMN 110	*3 Cr.*
❑ **HVAC Principles**	HVAC 100	*3 Cr.*

Year 2

Spring Semester

❑ **Industrial Motors and Controls**	ATMN 140	*4 Cr.*
❑ **HVAC Fundamentals**	HVAC 120	*3 Cr.*
❑ **HVAC Controls**	HVAC 130	*1 Cr.*

Fall Semester

❑ **State Electrical Code**	HVAC 200	*1 Cr.*
❑ **Comfort and Airflow**	HVAC 210	*3 Cr.*
❑ **HVAC Installation**	HVAC 220	*5 Cr.*

Year 3

Spring Semester

❑ **HVAC Service**	**HVAC 230**	**5 Cr.**
❑ **Industrial Applied Geometry**	INDS 124	*2 Cr.*

Total Credits: 35

*ATMN 110 requires knowledge of algebra and manipulation of variables. INDS 122 is a pre-requisite but may be allowed to enroll along with ATMN 110 depending on mathematics background. Please contact Student Success Center with questions.

Academic Advising: You should meet with an academic counselor prior to registering for classes.

Note: Prerequisite courses may apply to this program. A minimum of 30 unduplicated credits (100 level or higher) are required for all certificate programs.