

Heating, Ventilation, and Air Conditioning, A.A.S. 26-27 catalog

Full-time

Description: This program provides the background, skills, knowledge, understanding and 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

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Fall Semester

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

Spring Semester

☐ Industrial Motors and Controls	ATMN 140	4 Cr.
☐ HVAC Fundamentals	HVAC 120	3 Cr.
☐ HVAC Controls	HVAC 130	1 Cr.
☐ Industrial Applied Geometry	INDS 124	2 Cr.
☐ Oral Communication Requirement		3 Cr.

Summer Session

☐ Humanities Requirement (see catalog requirements)		3-4 Cr.
☐ Choose 1		
American Political System	POLI 240	3 Cr.
United States History to 1865	HIST 250	3 Cr.
United States History Since 1865	HIST 251	3 Cr.

Year 2

Fall Semester

☐ Comfort and Airflow	HVAC 210	3 Cr.
☐ HVAC Installation	HVAC 220	5 Cr.
☐ Mathematics Requirement		4 Cr.

Spring Semester

☐ HVAC Service	HVAC 230	5 Cr.
☐ Laboratory Science Requirement		4 Cr.
☐ Elective(s)	as needed to get to 60 credit hours	

Total Minimum Credits: 60

*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 60 unduplicated credits (100 level or higher) are required for all associate degree programs.

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Part-time

Description: This program provides the background, skills, knowledge, understanding and 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: 4 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.			
Year 1		Year 3	
Fall Semester		Fall Semester	
☐ Success Skills for the 21st Century	GNST 100 3 Cr.	☐ Comfort and Airflow	HVAC 210 3 Cr.
☐ Electrical Circuit Analysis*	ATMN 110 3 Cr.	☐ HVAC Installation	HVAC 220 5 Cr.
☐ Industrial Applied Algebra	INDS 122 2 Cr.		
Spring Semester		Spring Semester	
☐ Industrial Motors and Controls	ATMN 140 4 Cr.	☐ HVAC Service	HVAC 230 5 Cr.
☐ Industrial Applied Geometry	INDS 124 2 Cr.	☐ Choose 1	
		American Political System	POLI 240 3 Cr.
		United States History Since 1865	HIST 251 3 Cr.
		Humanities Requirement	3-4 Cr.
Year 2		Year 4	
Fall Semester		Fall Semester	
☐ Freshman English I	ENGL 100 3 Cr.	☐ Mathematics Requirement	4 Cr.
☐ HVAC Principles	HVAC 100 3 Cr.	☐ Choose 1	
		Humanities Requirement	3-4 Cr.
		United States History to 1865	HIST 250 3 Cr.
		*One Social Science class (POLI 240, HIST 250, HIST 251) must be taken	
Spring Semester		Spring Semester	
☐ HVAC Fundamentals	HVAC 120 3 Cr.	☐ Laboratory Science Requirement	4 Cr.
☐ HVAC Controls	HVAC 130 1 Cr.	☐ Elective(s)	as needed to get to 60 credit hours
☐ Oral Communication Requirement	3 Cr.		
Courses in italics may be taken in the summer term.		Total Minimum Credits: 60	

*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 60 unduplicated credits (100 level or higher) are required for all associate degree programs.

Heating, Ventilation, and Air Conditioning, A.A.S. 26-27 catalog

Full-time spring start

Description: This program provides the background, skills, knowledge, understanding and 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: 2.5 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Spring Semester

☐ Success Skills for the 21st Century	GNST 100	3 Cr.
☐ Freshman English I	ENGL 100	3 Cr.
☐ Oral Communication Requirement		3 Cr.
☐ Mathematics Requirement		4 Cr.

Fall Semester

☐ Electrical Circuit Analysis*	ATMN 110	3 Cr.
☐ HVAC Principles	HVAC 100	3 Cr.
☐ Industrial Applied Algebra	INDS 122	2 Cr.
☐ Laboratory Science Requirement		4 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.
☐ Industrial Applied Geometry	INDS 124	2 Cr.
☐ Choose 1		
Humanities Requirement		3-4 Cr.
United States History Since 1865	HIST 251	3 Cr.

*One Social Science class (POLI 240, HIST 250, HIST 251) must be taken

Fall Semester

☐ Choose 1		
American Political System	POLI 240	3 Cr.
United States History to 1865	HIST 250	3 Cr.
Humanities Requirement		3-4 Cr.
☐ Comfort and Airflow	HVAC 210	3 Cr.
☐ HVAC Installation	HVAC 220	5 Cr.

Year 3

Spring Semester

☐ HVAC Service	HVAC 230	5 Cr.
☐ Elective(s)	as needed to get to 60 credit hours	

Total Minimum Credits: 60

*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 60 unduplicated credits (100 level or higher) are required for all associate degree programs.