

North Arkansas College

Heating, Ventilation, and Air Conditioning (Certificate)

Major Code: 4310

Name: _____

ID#: _____

Course Code	Course Name	Hours Required	Pre-Requisites and/or Co-Requisites	Hours Completed
<i>First Semester</i>				
ET 1003	Introduction to Electronics	3	Pre/Co MAT 1001	_____
GTT 1021	Industrial Safety	1		_____
MAT 1001	Technical Mathematics I	1		_____
MAT 1002 or higher	Technical Mathematics II or higher	2	Mat 1001	_____
CAD 1003	Blueprint Reading	3		_____
HVAC 1106 or	Heating, Ventilation, & Air Conditioning I or		Pre/Co MAT 1001 & 1002 or higher MAT, ET 1003 or higher ET, & GTT 1021	
HVAC 1103 &	Heating, Ventilation, & Air Conditioning IA		*Reading	
HVAC 1203	Heating, Ventilation, & Air Conditioning IB	6	HVAC 1103, Pre/Co ET 1003	_____
		16		
<i>Second Semester</i>				
HVAC 1101	EPA Certification	1		_____
ET 2414	Industrial Electricity/Motor	4	ET 1003	_____
HVAC 1215	Heating, Ventilation, & Air Conditioning II	5	HVAC 1106 or 1203	_____
HVAC 2203	Heat Loss and Gain	3		_____
*CAD 1203	Introduction to Computer Aided Design	3	CIS 1103	_____
		16		
<i>Third Semester</i>				
HVAC 2523	Heat Pump Systems	3	HVAC 1215	_____
HVAC 2413	Electronic Control Systems & Energy Management	3	HVAC 1215, ET 2414	_____
HVAC 2402	Arkansas State Mechanical Codes	2		_____
CIT 1103	Network Fundamentals (CCNA 1)	3	Pre/Co CIS 1103	_____
		11		
	Total	43		

**Students with weak computer skills should plan on taking CIS 1103 Intro to Information Technology prior to CAD 1203 Introduction to Computer Aided Design

* Reading - ACT Reading 10 or higher, Compass Reading 44 or higher, or Reading for Technical Careers

Although GTT 2403 Electrical Wiring is not included in this degree plan, it is highly recommended for students who plan to obtain a contractors license