

2020-2021

Heating, Ventilation, Air Conditioning-Refrigeration Technology

Associate of Applied Science

Caleb Cain

Faculty Advisor/Program Director

Student Name

Academic Advisor

575.624.7088

Telephone Number

Student ID Number

Date

Advisor's Notes/Recommendations:

- The A.A.S. Degree in Heating, Ventilation, Air Conditioning-Refrigeration Technology transfers into a Bachelor of Applied Arts and Science (B.A.A.S.) Degree program at ENMU.
- In order to improve student success probability and reduce unnecessary attrition, all students must take the University Skills Placement Test prior to entering the program.
- All lectures and corresponding labs must be taken simultaneously.
- Submit a Graduation Application before the close of the semester preceding the expected completion date.

Writeplacer	Grade	Sem.	Grade	Sem.	Grade	Sem.
Math	--	--	ENG 096		ENG 098L	
			MATH 094/095		MATH 097/098	

Note * Prerequisite/s required: See list below

General Education requirements			Credit Hours	Grade	Semester
ENTR	1110	Entrepreneurship	3 hrs.		
BCIS	1115	Introduction to Computers	3 hrs.		
PSYC	1110	Introduction to Psychology	3 hrs.		
OR					
SOCI	1110	Introduction to Sociology	3 hrs.		
*ENGL	2210	Professional & Technical Communication	3 hrs.		
*MATH	1130	Survey of Mathematics	3 hrs.		
		**Humanities or Fine and Creative Arts (VI)	3 hrs.		
			18 hrs.		
Fall Semester			Credit Hours	Grade	Semester
ELEC	101	Introduction to Electricity	3 hrs.		
OR					
HVAC	111	Introduction to Electricity	3 hrs.		
HVAC	101	Intro to Air Conditioning and Refrigeration	3 hrs.		
HVAC	201	Refrigeration Cycle and Diagrams	3 hrs.		
*HVAC	212	Heat Pumps	3 hrs.		
HVAC	235	Air Flow Principles/Duct Design	3 hrs.		
			15 hrs.		
Spring Semester			Credit Hours	Grade	Semester
*ELEC	202	Advanced Electricity	4 hrs.		
OR					
*HVAC	151	HVAC/R Advanced Electricity	4 hrs.		
*HVAC	251	HVAC/R Control Systems	4 hrs.		
*REFR	202	Ice Makers	3 hrs.		
*REFR	205	Refrigeration Service & Problem Analysis	3 hrs.		
*HVAC	203	HVAC Heating Systems	3 hrs.		
			17 hrs.		

Summer Session			Credit Hours	Grade	Semester
*REFR	210	Multiplexed Evaporator Systems	3 hrs.		
*HVAC	218	HVAC/R Service & Problem Analysis	3 hrs.		
*HVAC	294	Co-op/Internship Training	4 hrs.		
			10 hrs.		

TOTAL HOURS REQUIRED FOR DEGREE	60 hrs.
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***Prerequisites:**

ELEC	202	Advanced Electricity Prerequisite: ELEC 101
ENGL	2210	Professional & Technical Communication Prerequisite: Satisfactory ACT scores or Placement Exam scores or ENG 096
HVAC	151	HVAC/R Advanced Electricity Prerequisite: ELEC 101 or HVAC 111
HVAC	212	Heat Pumps Prerequisite: HVAC 203
HVAC	203	HVAC Heating Systems Prerequisite: HVAC 101
HVAC	218	HVAC/R Service & Problem Analysis Prerequisite: HVAC 101
HVAC	251	HVAC/R Control Systems Prerequisite: ELEC 202 or HVAC 151
HVAC	294	Co-op/Internship Training Prerequisite: IET 218
MATH	1130	Survey of Mathematics Prerequisite: Satisfactory ACT scores or Placement Exam scores or MATH 097/098
REFR	202	Ice Makers Prerequisite: HVAC 201
REFR	210	Multiplexed Evaporator Systems Prerequisite: HVAC 201
REFR	205	Refrigeration Service & Problem Analysis Prerequisite: HVAC 201

****ENMU-Roswell General Education**

- I. Communication
- II. Mathematics
- III. Laboratory Science
- IV. Social and Behavioral Sciences
- V. Humanities
- VI. Fine and Creative Arts