



ENMU - ROSWELL (2024-2025)
ASSOCIATE OF APPLIED SCIENCE IN HVAC-REF TECHNOLOGY
ENMU - PORTALES (2023-2025)
BACHELOR OF CAREER & TECHNICAL EDUCATION

Associate of Applied Sciences in HVAC-Ref Technology at ENMU-Roswell (Minimum 60 Credit Hours)							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
Communication Gen Ed (recommend ENGL 2210)			3	REFR	202	Ice Makers (VOTR)	3
Mathematics Gen Ed (recommend MATH 1170)			3	HVAC	203	HVAC Heating Systems (VOTR)	3
Social-Behavioral Sci Gen Ed (recommend SOCI 1110)			3	HVAC	212	Heat Pumps (VOTR)	3
Humanities/Fine Arts/AAS (recommend BCIS 1115 & Studio Arts)			6	HVAC	218	HVAC Service & Problem Analysis (VOTR)	3
ALAS	1825	Career & Financial Literacy	3	HVAC	235	Air Flow Principles/Duct Design (VOTR)	3
HVAC	101	Intro to Air Conditioning & Refrigeration (VOTR)	3	HVAC	251	HVAC & Ref Control Systems (VOTR)	4
HVAC	111	Intro to Electricity (VOTR)	3	HVAC	294	Co-op/Internship Training (VOTR)	4
HVAC	151	HVAC-Ref Advanced Electricity (VOTR)	4	REFR	205	Refrigeration Service & Problem Analysis (VOTR)	3
HVAC	201	Refrigeration Cycle & Diagrams (VOTR)	3	REFR	210	Multiplexed Evaporator Systems (VOTR)	3

Courses That Can Be Completed at Either Institution				
	Subject	No.	Title	Hours
These required courses meet specific course requirements at ENMU. They may be completed at either ENMU-Roswell (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses. Students must complete the General Education requirement (31-33 hours per New Mexico State Code) for award of any bachelor degree in New Mexico. Recommend that students complete AA/AS GenEd requirements at ENMU-R.	PSYC	2130	Adolescent Psychology (Req'mt for BCTE)	3
	General Education electives to total 31-33 hours			Var.

Bachelor of Career and Technical Education (B.C.T.E.) at ENMU-Portales							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
Upper-Division Diversity / Global Requirement			3	CTED	401	CTE Leadership	3
BLED	350	Cultural & Linguistic Pluralism (admission requires departmental permission)	3	CTED	480	Methods of Teaching CTE	3
CTED	301	CTE Foundation	3	CTED	481	Supervised Classroom Internship	6
CTED	302	Instructional Facility Design	3	SPED	300	Intro to Special Education	3
CTED	303	CTE Curriculum Development	3	Electives to meet BCTE requirements *			Var.

Minimum GPA Requirement: 2.0			
Minimum hours of General Education Courses	31 *	ENMU-Roswell AAS in HVAC Technology	60
Minimum hours of Upper-Division Courses for BCTE Degree	18 *	ENMU-Portales Upper-Div Diversity/Global requirement	3 *
Minimum hours taken from ENMU-Portales (final 30 of 60)	30 *	ENMU-Portales B.C.T.E.	Var.
Minimum hours for BCTE (Transferred + ENMU-Portales)	120 *	Electives if needed to meet requirements	Var.

* BCTE Degree Requirements Total: Minimum 120 Credit Hours