

EASTERN NEW MEXICO UNIVERSITY - ROSWELL (2024-2025)
ASSOCIATE OF APPLIED SCIENCE IN AVIATION MAINTENANCE
EASTERN NEW MEXICO UNIVERSITY - PORTALES (2025-2027)
BACHELOR OF APPLIED ARTS AND SCIENCES IN AVIATION SCIENCE

Associate of Applied Science in Aviation Maintenance at ENMU-Roswell (Minimum 41 Credit Hours + 51 VOTR)							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
English General Education Requirement (recommend ENGL 2210)			3	AFRM	108	Hydraulic, Pneumatic & Fuel (VOTR)	4
Mathematics General Education Requirement (recommend MATH 1170)			3	AFRM	112	Classic Aircraft Construction (VOTR)	2
Social/Behavioral Sci Gen Ed Req'mt (recommend PSYC 1110/SOCI 1110)			3	AFRM	113	Aircraft Metallic Structures (VOTR)	4
AAS Flex General Education Requirement (recommend BCIS 1115)			3	AFRM	114	Communication/Data Display Systems (VOTR)	3
Humanities/Fine Arts General Education Requirement			3	AFRM	115	Environmental & Sus-Systems (VOTR)	3
GAMT	107	Aviation Math & Science	4	AFRM	116	Electrical Systems (VOTR)	4
GAMT	108	Standard Maintenance Practices	4	AFRM	117	Aircraft Landing, Braking & Anti-Skid Systems (VOTR)	4
GAMT	109	Aircraft Operations & Servicing	2	PWPL	102	Propellers (VOTR)	3
GAMT	110	Federal Aviation Regulations	2	PWPL	104	Aircraft Reciprocating Engine (VOTR)	3
GAMT	111	Fundamentals of Electricity	4	PWPL	106	Aircraft Turbine Engine Theory (VOTR)	3
GAMT	112	Aircraft Cleaning, Corrosion & Finishes	2	PWPL	107	Turbine Engine Overhaul (VOTR)	4
GAMT	200	Inspections (VOTR)	3	PWPL	109	Fuel Metering, Induction & Exhaust Systems (VOTR)	5
AFRM	102	Assembly and Rigging (VOTR)	2	PWPL	110	Reciprocating Engine Overhaul (VOTR)	5
AFRM	106	Advanced Composites (VOTR)	3	PWPL	111	Powerplant Electrical (VOTR)	4
Courses That Can Be Completed at Either Institution							
				Subject	No.	Title	Hours
These required courses may be completed at either ENMU-Roswell (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.				ECON	*	ECON 1110 Survey of Economics -OR- ECON 2110 Macroeconomic Principles -OR- ECON 2120 Microeconomic Principles	3
				BCIS	2215	MS Excel (at ENMU-P, BCIS 2217)	3
Students must complete the New Mexico General Education requirement (31-33 hours) for award of any bachelor degree in New Mexico. Recommend that students complete the COC (Option I) GenEd at ENMU-Roswell.				State of New Mexico General Education courses to total 31-33 hours			Var.
Bachelor of Applied Arts and Science in Aviation Science at ENMU-Portales							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
PSYC	2520	Research Methods & Statistics in Psych	3	AVS	310	Contemporary Issues in Aviation	3
PSYC	1110	Intro to Psychology	3	AVS	320	FAA Regulations	3
AVS	110	History of Aviation	3	AVS	494	Senior Seminar	3
AVS	300	Aviation Law	3	MGMT	313	Organizational Behavior	3
AVS	301	Aviation Safety and Human Factors	3	Upper-Division Diversity/Global Course Requirement			3
AVS	302 / 303	Airport Operations -OR- FBO Management	3	Electives to meet BAAS requirements *			Var.
Minimum GPA Requirement: 2.0							
Minimum hours of General Education Courses			31 *	ENMU-Roswell AAS in Aviation Maintenance			41 + 51
Minimum hours of Upper-Division Courses for BAAS Degree			min. 18 *	Certificate of Completion Core Curriculum (GenEd Complete)			15-16
Minimum hours taken from ENMU-Portales (final 30 of 60)			30 *	Upper-Division Diversity/Global Course Requirement			3 *
Minimum hours for BAAS (Transferred + ENMU-Portales)			120 *	ENMU-Portales BAAS in Aviation Science			30
* BAAS Degree Requirements						Total: Minimum 120 Hours	