

**ENMU-ROSWELL SCHOOL AAS AVIATION MAINTENANCE**  
**ENMU-PORTALES BAAS DEGREE IN AVIATION SCIENCE**  
**2021 - 2023**

Associate of Applied Science in Aviation Maintenance at ENMU-Roswell (Minimum 77 Credit Hours)							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
GAMT	107	Aviation Math and Science	4	AFRM	108	Hydraulic, Pneumatic, & Fuel	4
GAMT	108	Standard Maintenance Practices	4	AFRM	117	Aircraft Landing Systems	4
GAMT	109	Aircraft Operations and Servicing	2	AFRM	116	Electrical Systems	4
GAMT	110	Federal Aviation Regulations	2	PWPL	109	Fuel Metering, Induction, and Exhaust	5
GAMT	111	Fundamentals of Electricity	4	PWPL	102	Aircraft Propellers	3
GAMT	112	Aircraft Cleaning, Corrosion, Finishes	2	PWPL	111	Powerplant Electrical	4
AFRM	102	Assembly and Rigging	2	PWPL	104	Aircraft Reciprocating Engine	3
AFRM	113	Sheet Metal Structures and Repair	4	GAMT	200	Inspections	3
AFRM	112	Classic Aircraft Construction	2	PWPL	106	Aircraft Turbine Engine Theory	3
AFRM	106	Composite Structures	3	PWPL	107	Turbine Engine Overhaul	4
AFRM	115	Environmental and Subsystems	3	PWPL	110	Reciprocating Engine Overhaul	5
AFRM	114	Communication/Data Display Systems	3				

**Total hours      77**

Courses That Can Be Completed at Either Institution							
				Subject	Number	Title	Credit 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.				ENGL	2210	Professional & Technical Communication	3
				MATH	1130	Survey of Mathematics	3
				ECON	1110/2110/2120	Survey of Econ -OR- Macroeconomic Principles -OR- Microeconomic Principles	3
Students considering transfer to ENMU-Portales must complete the New Mexico General Education requirement. Recommend that students complete the COC (Option I) GenEd at ENMU-Roswell.				BCIS	1115	Introduction to Computers	3
				BCIS	2217	MS Excel	3
				*	*	Humanities or Fine and Creative Arts Gen Ed	3

Bachelor of Applied Arts and Science in Aviation Science at ENMU-Portales							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
AVS	100	History of Aviation	3	AVS	320	FAA Regulations	3
AVS	300	Aviation Law	3	AVS	494	Senior Seminar	3
AVS	301	Aviation Safety and Human Factors	3	ENGL	305	Report Writing (if ENGL 2210 was not taken)	3
AVS	302/303	Airport Operations -OR- FBO Management	3	MGMT	313	Organizational Behavior	3
AVS	310	Contemporary Issues in Aviation	3	*	*	Electives if needed to meet BAAS requirements	Var.

<b>Minimum GPA Requirement</b>	<b>2.0</b>	<b>ENMU-Roswell AAS in Aviation Maintenance</b>	<b>77</b>
<b>Minimum hours of Upper-Division Courses for BAAS Degree</b>	<b>min. 18</b>	<b>Certificate of Completion Core Curriculum (GenEd Complete)</b>	<b>15-16</b>
<b>Minimum hours taken from ENMU-Portales (final 30 of 60)</b>	<b>30</b>	<b>ENMU-Portales BAAS in Aviation Science</b>	<b>30</b>
<b>Minimum hours for BAAS (Transferred + ENMU-Portales)</b>	<b>120</b>	<b>Electives if needed to meet Degree requirements</b>	<b>Var.</b>