

2020-2021

Aviation Maintenance Technology

Associate of Applied Science

Ty Whately

Faculty Advisor/Program Director

Louella Chavez

Academic Advisor

575-624-7159

Telephone Number

Student ID Number

Date

Advisor's Notes/Recommendations:

- The A.A.S. Degree in Aviation Maintenance Technology transfer into a Bachelor of Applied Arts and Science (BAAS) Degree and the Bachelor of Science in Aviation Science Degree at ENMU.
- Students with a deficiency in mathematics are strongly urged to complete developmental mathematics prior to registration in the Aviation Maintenance program.
- 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.
- Student must have an **ENMU Campus System** cumulative grade point average of 2.0 in order to meet graduation requirements.
- Submit a Graduation Application before the close of the semester preceding the expected completion date.

Program Requirements:

- All lectures and corresponding labs must be taken simultaneously.
- **MANDATORY DRUG SCREENING** is required during the first week of the program and will be scheduled by the Aviation Maintenance Program faculty. Students must pass the mandatory drug screening to remain in the program. Appeals can be made according to the process outlined in the Student Handbook.
- FAA Approved – FAR Part 147 Subjects
- * Subject sequence may be altered to accommodate section and equipment scheduling.

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

Note * Prerequisite/s required: See list below

For an associate degree the following are required:			Credit Hours	Grade	Semester
*ENGL	2210	Professional & Technical Communication	3 hrs.		
*MATH	1130	Survey of Mathematics	3 hrs.		
PSYC	1110	Introduction to Psychology	3 hrs.		
OR					
SOCI	1110	Introduction to Sociology	3 hrs.		
BCIS	1115	Introduction to Computers	3 hrs.		
		**Humanities or Fine and Creative Arts	3 hrs.		
			15 hrs.		

Fall			Credit Hours	Grade	Semester
GAMT	101	Aviation Science	3 hrs.		
GAMT	102	Shop Practices	3 hrs.		
GAMT	103	Ground Operations	3 hrs.		
GAMT	104	Federal Regulations	2 hrs.		
GAMT	105	Weight and Balance	2 hrs.		
GAMT	106	Basic Electricity	3 hrs.		
AFRM	101	Aircraft Electrical Systems	3 hrs.		

			19 hrs.		
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Spring			Credit Hours	Grade	Semester
AFRM	102	Assembly and Rigging	2 hrs.		
AFRM	103	Sheet Metal	5 hrs.		
AFRM	104	Welding	2 hrs.		
AFRM	105	Wood, Fabric, and Finishes	3 hrs.		
AFRM	106	Advanced Composites	3 hrs.		
AFRM	110	Aircraft Auxiliary Systems	4 hrs.		
AFRM	107	Instruments, Communication and Navigation	2 hrs.		
			21 hrs.		

Summer			Credit Hours	Grade	Semester
AFRM	111	Aircraft Inspection	2 hrs.		
AFRM	108	Hydraulic, Pneumatic, & Fuel	4 hrs.		
AFRM	109	Landing Gear	3 hrs.		
			9 hrs.		

Fall			Credit Hours	Grade	Semester
PWPL	101	Fuel Metering, Induction, and Exhaust	4 hrs.		
PWPL	102	Propellers	3 hrs.		
PWPL	103	Powerplant Electrical	4 hrs.		
PWPL	104	Aircraft Reciprocating Engine	3 hrs.		
PWPL	105	Reciprocating Engine Overhaul	6 hrs.		
			20 hrs.		

Spring			Credit Hours	Grade	Semester
PWPL	106	Turbine Engine Theory	3 hrs.		
PWPL	107	Turbine Engine Overhaul	4 hrs.		
PWPL	108	Powerplant Inspection	2 hrs.		
			9 hrs.		

		Total Hours Required for A.A.S	93 hrs.		
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***Prerequisites:**

ENGL	2210	Professional & Technical Communication <i>Prerequisite: Satisfactory ACT scores or Placement Exam scores or ENG 096</i>
MATH	1130	Survey of Mathematics <i>Prerequisite: Satisfactory ACT scores or Math 097/098</i>

****ENMU-Roswell General Education**

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