

Amarillo College Curriculum Map Template

Division:	Technical Education
Degree/Academic Program(s):	Aviation Maintenance General & Airframe (AERM.AAS; AERM.CERT.AM)
Dean:	Linda Munoz
Chair/Director/Coordinator:	Terry L. Smith
Submission Date:	06/2021
Purpose Statement:	The Mission of the Aviation Maintenance Department is to prepare students for employment in various aircraft related industry and/or for the pursuit of advanced degrees in Aviation Maintenance Technologies related undergraduate/graduate schools by educating them in the fundamental concepts, knowledge, and laboratory/field techniques and skills of the aviation sciences.

Goal #1a:

Graduate students who are prepared for an entry-level position in the Aviation Industry

Goal #1b:

Graduate students who will demonstrate their analytical skills at the level necessary to take and pass the Federal Aviation Administration written test exams.

Program-Specific Courses	PLO #1: Students will demonstrate proper and appropriate safety procedures in a shop environment	PLO #2: Students will demonstrate basic use of diagnostic tools, hand tools, and research technologies	PLO #3: Students will demonstrate use and location of Federal Aviation Regulations	PLO #4: Students will apply Aviation theory, Ground Operations, and inspections	PLO #5: Students will demonstrate basic knowledge of systems, structures, and assembly
AERM 1205	D	D	D	D	D
AERM 1208	D	D	D	D	D
AERM 1210	I	I	I	I	I
AERM 1303	I	I	I	I	I
AERM 1314	D	D	D	D	D
AERM 1315	I	I	I	I	I
AERM 1241	D	D	D	D	D
AERM 1243	D	D	D	D	D
AERM 1247	D	D	D	D	D
AERM 1253	D	D	D	D	D
AERM 1345	D	D	D	D	D
AERM 1349	D	D	D	D	D
AERM 1350	D	D	D	D	D
AERM 1352	D	D	D	D	D
AERM 1354	D	D	D	D	D
AERM 2231	M	M	M	M	M
AERM 2233	D	D	D	D	D

I = Introduced; D = Developed & Practiced with Feedback; M = Demonstrated at Mastery