

## Amarillo College Curriculum Map Template

<b>Division:</b>	Technical Education
<b>Degree/Academic Program(s):</b>	Aviation Maintenance Power Plant ( <b>AERM.AAS; AERM.CERT.PM</b> )
<b>Dean:</b>	Linda Munoz
<b>Chair/Director/Coordinator:</b>	Terry L. Smith
<b>Submission Date:</b>	06/2021
<b>Purpose Statement:</b>	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 will demonstrate their analytical skills at the level necessary to take and pass the Federal Aviation Administration written test exams.**

<b>Program-Specific Courses</b>	<b>PLO #1:</b> Students will demonstrate ability to select, interpret, and utilize the appropriate safety procedures in a shop environment	<b>PLO #2:</b> Students will demonstrate basic use of diagnostic tools, hand tools, and research technologies	<b>PLO #3:</b> Students will demonstrate powerplant systems, components, and assembly knowledge level	<b>PLO #4:</b> Students will apply Aviation theory, Ground Operations, and inspections	<b>PLO #5:</b> Students will demonstrate Federal Aviation Regulation knowledge level
AERM 1240	I	I	I	I	I
AERM 1344	I	I	I	I	I
AERM 1351	D	D	D	D	D
AERM 1356	D	D	D	D	D
AERM 2341	D	D	D	D	D
AERM 2351	D	D	D	D	D
AERM 2352	M	M	M	M	M
AERM 2447	D	D	D	D	D

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