**Amarillo College Curriculum Map Template**

**Division:** Technical Education **Degree/Academic Program(s):** Aerospace Manufacturing (AERM.AAS.AERO; AERM.CERT.AERO) **Person Responsible for Division:** Megan Eikner, Dean **Component Director/Chair:** Terry L. Smith **Submission Date:** Fall 2015 **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.

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| **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 1300 | **D** | **I, D** | **I, D** | **D** | **I, D** |
| AERM 1303 | **I, D** | **I, D** | **I, D** | **D** | **I, D** |
| DFTG 1309 | **D** | **I, D** | **I, D** | **I** | **I, D** |
| AVNC 1343 | **D** | **I, D** | **I, D** | **I** | **I, D** |
| AERM 1352 | **D** | **I, D** | **I, D** | **D** | **I, D** |
| AERM 1354 | **D** | **I, D** | **I, D** | **D** | **I, D** |
| AERM 1391 | **D** | **I, D** | **I, D** | **D** | **I, D** |
| AVNC 2308 | **D** | **I, D** | **I, D** | **D** | **I, D** |
| AERM 2359 | **D** | **I, D** | **I, D** | **D** | **I, D** |
| AERM 1315 | **D** | **I, D** | **I, D** | **D** | **I, D** |

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