**Amarillo College Curriculum Map Template**

**Division:** Technical Education **Degree/Academic Program(s):** Aviation Maintenance General & Airframe (AERM.AAS; AERM.CERT.PM; AERM.CERT.AM) **Person Responsible for Division:** Megan Eikner

**Person Responsible for Area/Title:** Walter “Nick” Nelson **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 1205 | **I** | **D** | **M** | **I** | **D** |
| AERM 1208 |  | **I** | **I, D, M** | **D** |  |
| AERM 1210 | **D** | **D** | **M** | **D** |  |
| AERM 1303 | **D** | **I** | **M** | **I** | **I** |
| AERM 1314 | **D** | **D** | **M** | **D** | **D** |
| AERM 1315 | **D** | **I** | **M** | **I** | **D** |
| AERM 1241 | **I** | **D** | **M** | **D** | **D** |
| AERM 1243 | **I** | **D** | **M** | **D** | **I** |
| AERM 1247 | **I** | **D** | **M** | **D** | **D** |
| AERM 1253 | **D** | **D** | **M** | **I** | **D** |
| AERM 1345 | **D** | **D** | **M** | **I** | **D** |
| AERM 1349 | **D** | **D** | **M** | **D** | **D** |
| AERM 1350 | **D** | **D** | **M** | **D** | **D** |
| AERM 1352 | **D** | **D** | **M** | **D** | **D** |
| AERM 1354 | **D** | **D** | **M** | **D** | **D** |
| AERM 2231 | **I** | **I** | **M** | **D** | **D** |
| AERM 2233 | **D** | **I** | **M** | **D** | **D** |

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