AMT 125 Aircraft Metal Structures

Course Description: A course on repairing and maintaining sheet metal structures. Topics include: selecting and installing rivets and fasteners, forming and bending sheet metal, and laying out repairs.

Prerequisites(s): AMT 100 and AMT 105 **Corequisite(s):** No corequisite

Lecture Hours: 3	Lab Hours: 5	Credit Hours: 5
Lab Fee: 250	Supplemental Fee: 0	Purpose:
☐ Transfer Assurance Guide Course (TAG)	☐ Transfer Module Course (TM)	
Course Format: Lec/Lab	Grading: A/B/C/D/F/I	
Delivery Method: Classroom		
Semesters Offered: Summer - Days, Spring - Evenings		

Course Primary Text:

Title: Aircraft Maintenance and Repair	Edition: 6th
Author(s): Kroes, Watkins, and Delp	
Publisher: Glenco	

Supplemental Materials:

Aircraft Basic Science, Kroes & Rardon, 7th Edition
FAA 8083-31A, U.S. Department of Transportation, Federal Aviation Administration
AC 43.9-1E – Instructions for Completing FAA Form 337
Advisory Circular (43.13-1B/2A), U.S. Department of Transportation, Federal Aviation Administration

Course Outcomes:

1	Students will learn to select, install, and remove conventional rivets.
2	Students will learn to select, install, and remove special fasteners.
3	Students will learn to inspect and repair sheet metal structures.
4	Students will learn to fabricate sheet metal structures.

Course Topics:

Course booklet with FAA approved practical projects and course lectures is located in the AMT Offices at the Cincinnati State West Campus.

Methods of Evaluation/Assessment

Tests
Quizzes
Lab Projects
Lab & Class Participation
Attendance

Course Keeper: Gary Goodpaster

Date Completed: April 01, 2019