AMT 120 Aircraft Non-Metal Structures

Course Description: A course on wood structures, aircraft covering, aircraft finishes, and inspection of bonded structures.

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

Lecture Hours: 3	Lab Hours: 4	Credit Hours: 5
Lab Fee: 200	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: Spring - Days, Summer - Evenings		

Course Primary Text:

Title: Aircraft Maintenance and Repair	Edition: 7th
Author(s): Kroes, Watkins, and Delp	
Publisher: Glencoe	

Supplemental Materials:

Advisory Circular (AC 43.13-1A/2A)
FAA 8083-31A, U.S. Department of Transportation, Federal Aviation Administration

Course Outcomes:

1	The student will learn the studies of servicing and repairing wooden and composite aircraft structures using a variety of techniques, methods, and materials.
2	The student will learn to inspect and identify defects in wood and composite structures and the application of various finishes including butyrate and nitrate dope finishes and pigmented aluminum paint finishes on fabric coverings (cotton and Ceconite).
3	The student will learn to repair fabric and composite coverings.

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