AMT 105 Aircraft Orientation

Course Description: A course on foundation concepts in aviation maintenance. Topics include: aircraft drawings, ground operations and servicing, mechanic privileges, and basic concepts of physics.

Prerequisites(s): AFL 085 or Appropriate Placement Test Score **Corequisite(s):** No corequisite

Lecture Hours: 2	Lab Hours: 5	Credit Hours: 4
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: □ Web	□ Hybrid	□ Classroom
Semesters Offered: □ Fall	□ Spring	□ Summer

Course Primary Text:

Title: Aircraft Basic Science	Edition: 8th
Author(s): Kroes and Rardon	
Publisher: Glencoe	

Supplemental Materials:

FAA FAR AMT Handbook, ASA Publishers
FAA AC 43.13-1B/-2B Textbook

Course Outcomes:

1	Students will learn about ground operations and servicing.
2	Students will learn about mechanic privileges and basic concepts of physics.
3	Students will learn about basic aerodynamics.
4	Students will learn about airfoils and their applications.
5	Students will learn about aircraft in flight and aircraft drawings.

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

Quizzes/Lab Projects
Class/Lab Participation
Tests

Course Keeper: Jeffrey Wright

Date Completed: March 27, 2019