

CENTER FOR INNOVATIVE TECHNOLOGIES
MASTER COURSE DOCUMENT

AMT 135 Aircraft Landing Gear Systems

Course Description: A course on repairing and maintaining aircraft landing gear systems and hydraulic and pneumatic power systems.

Prerequisites(s): AMT 105 and MAT 122

Corequisite(s): No corequisite

Lecture Hours: 3	Lab Hours: 5	Credit Hours: 5
Lab Fee: 250	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)		<input type="checkbox"/> 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 (43.13-1B), U.S. Department of Transportation, Federal Aviation Administration
FAA 8083-31A, U.S. Department of Transportation, Federal Aviation Administration

Course Outcomes:

1	The student will select and identify hydraulic fluids and inspect, check, troubleshoot, and repair various components and systems.
2	The student will also complete the inspection/check, servicing, troubleshooting, and repair of aircraft landing gear, landing gear retraction systems, shocks, struts, brakes, wheels, tires and steering systems.
3	The student will inspect/check, troubleshoot, and service the landing gear position indicating and warning systems.

Course Topics:

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

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Methods of Evaluation/Assessment

Tests
Quizzes
Lab Projects
Lab & Class Participation
Attendance

Course Keeper: Gary Goodpaster

Date Completed: April 01, 2019