

# Aviation Maintenance Technology

## Associate in Applied Science

Minimum of 61 Credits

The Aviation Maintenance Technology program is a cooperative alliance program conducted jointly by Oklahoma City Community College and Metro Tech Technology Center. Federal Aviation Administration certified airframe and powerplant technical occupational courses are offered exclusively at the Metro Tech Aviation Career Center campus. Required general education and support courses are offered at the Oklahoma City Community College campus.

Aviation maintenance technicians service, repair and overhaul various aircraft components and systems including electrical and hydraulic systems, airframes, engines and propellers on commercial and private aircraft.

Course ID	Course Name	Credits	Type	Prerequisites
<b>Suggested Freshman 1st Semester</b>				
SCL 1001	SUCCESS IN COLLEGE AND LIFE	1	LIFE SKILLS	NONE
ENGL 1113	ENGLISH COMPOSITION I	3	GEN ED	(R) (W), ADEQUATE READING AND WRITING ASSESSMENT SCORES OR LS 0033 COLLEGE WRITING II, EITHER TAKEN WITHIN THE LAST YEAR, WITH STRONG ENCOURAGEMENT FOR IMMEDIATE CONTINUATION.
HIST 1483	U.S. HISTORY TO THE CIVIL WAR —OR—		GEN ED	(R) (W)
HIST 1493	U.S. HISTORY SINCE THE CIVIL WAR	3	GEN ED	(R) (W)
AMT 1113	FUNDAMENTALS OF AVIATION MAINTENANCE	3	MAJOR	(R)
CS 1103	INTRODUCTION TO COMPUTERS AND APPLICATIONS	3	GEN ED	(R)
AMT 1312	AIRCRAFT STRUCTURES I	2	MAJOR	(R) (W) (M)
<b>Freshman 2nd Semester</b>				
OSRHE1	OSRHE APPROVED GENERAL EDUCATION COMMUNICATIONS OR ENGLISH COURSE*	3	GEN ED	
AMT 1123	TECHNICAL MECHANICS AND REGULATIONS	3	MAJOR	(R)
POLSC 1113	AMERICAN FEDERAL GOVERNMENT	3	GEN ED	(R) (W)
AMT 1323	AIRCRAFT STRUCTURES II	3	MAJOR	(R)
AMT 1212	BASIC AIRCRAFT ELECTRONICS	2	MAJOR	(R)
<b>Sophomore 1st Semester</b>				
AMT 2112	AIRFRAME SYSTEMS I	2	MAJOR	(R) (W) (M)
AMT 2213	RECIPROCATING ENGINES I	3	MAJOR	(R) (W) (M)
AMT 2312	JET TURBINE POWERPLANT I	2	MAJOR	(R)
FA MATH1	FACULTY APPROVED MATHEMATICS THAT MEET OCCC'S MATHEMATICS PROFICIENCY REQUIREMENTS	3	SUPPORT	
FA SUPPORT	FACULTY APPROVED SUPPORT ELECTIVES	5	SUPPORT	
<b>Sophomore 2nd Semester</b>				
AMT 2122	AIRFRAME SYSTEMS II	2	MAJOR	(R)
AMT 2222	RECIPROCATING ENGINES II	2	MAJOR	(R)
AMT 2323	JET TURBINE POWERPLANT II	3	MAJOR	(R) (W) (M)
GEN ED	GEN ED ELECTIVE	3	GEN ED	
FA SUPPORT	FACULTY APPROVED SUPPORT ELECTIVES	7	SUPPORT	

**Major Courses:** (27 credit hours) AMT 1113; AMT 1123; AMT 1212; AMT 1312; AMT 1323; AMT 2112; AMT 2122; AMT 2213; AMT 2222; AMT 2312; AMT 2323

**General Education Courses:** (18 credit hours) English: ENGL 1113; Any Oklahoma State Regents for Higher Education approved general education three credit hours English or communications course\*; History: HIST 1483 or HIST 1493; Political Science: POLSC 1113; Computer Science: CS 1103; General Education Electives: Three credit hours

**Life Skills Courses:** (1 credit hour) Life Skills: SCL 1001

**Support Courses:** (15 credit hours) Mathematics: Three credit hour of faculty approved mathematics that meet OCCC's mathematics proficiency requirements.; Support Electives: Twelve credit hours of faculty approved support electives

**Notes:** This technical/occupational program is designed to prepare students to enter the job force following completion. See Technical/Occupational Programs in the general information section of the catalog. Major courses are available only at Metro Tech Aviation Career Center.

# This program is offered through a cooperative alliance established with Metro Tech Technology Center.

\* To be chosen from ENGL 1213, ENGL 1233, COM 1123, or COM 2213

\*\* Students must file all financial aid through the technology center while attending there.