

# AIRCRAFT MAINTENANCE TECHNOLOGY - AIRFRAME, CERTIFICATE OF COMPLETION



Certificate of Completion: CCL 5668  
32-51 Credits

Program Contact  
Bashir Khalil | 480-988-8112 | bashir.khalil@cgc.edu

## Program Description

The Certificate of Completion (CCL) in Aircraft Maintenance Technology - Airframe program is designed to prepare students to enter careers in aircraft (fixed-wing and rotorcraft) structural manufacturing and maintenance. Graduates can potentially work in general, corporate, commercial, manufacturing, and military sectors. Graduates are eligible to apply for the Federal Aviation Administration (FAA), Aviation Maintenance Technician–Airframe exam. An Associates in Applied Science (AAS) in Aircraft Maintenance Technology - Airframe is also available.

## Program Notes

Students must earn a grade of “C” or better for all courses required within the program. Overall program minimum GPA = 2.00.

++ indicates any suffixed course may be selected.

## Admission Criteria

Students wishing to enroll in this certificate program must complete an application process before being officially accepted into the program.

## Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
<b>Required Courses</b>			
Select one of the following:		0-19	

AMT124 & AMT126 & AMT128	Aircraft Forms and Regulations, Weight and Balance, Drawings, and Ground Operations and Fundamentals of Mathematics and Electricity and Fundamentals of Aviation Physics, Corrosion Control, Materials and Processes, Fluid Lines and Fittin		
	Hold a valid FAA Airframe or Powerplant Certificate		
AMT220	Fundamentals Of Aircraft Wood Structures, Covering And Finishing, And Bonded Structures	3	
AMT222	Atmosphere Control, Fire Detection, Ice and Rain Protection Systems	4	
AMT224	Aircraft Sheet Metal	5	
AMT226	Aircraft Landing Gear, Hydraulic, Pneumatic, Fuel, Position And Warning Systems	7	
AMT228	Aircraft Electrical Systems, Instruments, Fuel Indicating, Communication And Navigation Systems	7	
AMT230	Airframe Assembly, Inspection And Welding	6	
<b>Total Credits</b>		<b>32-51</b>	