

AIRCRAFT MAINTENANCE TECHNOLOGY - AIRFRAME, ASSOCIATE IN APPLIED SCIENCE



**APPLIED
TECHNOLOGY**

Associate in Applied Science: AAS 3668

74-82 Credits

Program Contact

Bashir Khalil | 480-988-8112 | bashir.khalil@cg.edu

Program Description

The Associate in Applied Science (AAS) in Aircraft Maintenance Technology-Airframe degree is designed to provide students with strong General Education skills in support of their aviation maintenance knowledge. This degree prepares students to enter careers in aircraft and helicopter structural manufacturing and maintenance, where graduates can potentially work in general, corporate, commercial, or military sectors. Graduates are eligible to apply for relevant Federal Aviation Administration (FAA) written, oral, and practical exams. A Certificate of Completion (CCL) in Aircraft Maintenance Technology-Airframe is also available.

Program Notes

Students must earn a grade of "C" or better in all courses within the program. Overall program minimum GPA = 2.00.

++ indicates any suffixed course may be selected.

Admission Criteria

Students wishing to enroll in this Aircraft Maintenance Technology - Airframe program must complete an application process before being officially accepted into the program.

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
AMT124	Aircraft Forms and Regulations, Weight and Balance, Drawings, and Ground Operations	5	_____
AMT126	Fundamentals of Mathematics and Electricity	9	_____

AMT128	Fundamentals of Aviation Physics, Corrosion Control, Materials and Processes, Fluid Lines and Fittin	5	_____
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	_____
FYE101	Introduction to College, Career and Personal Success	1-3	_____
or FYE103	Exploration of College, Career and Personal Success		_____
General Education			
Core			
<i>First-Year Composition</i>			
ENG101	First-Year Composition	3	_____
or ENG107	First-Year Composition for ESL		_____
ENG102	First-Year Composition	3	_____
or ENG108	First-Year Composition for ESL		_____
<i>Oral Communication</i>			
Select one of the following:			3
COM100	Introduction to Human Communication		_____

COM110	Interpersonal Communication		_____
COM225	Public Speaking		_____
COM230	Small Group Communication		_____
<i>Critical Reading</i>			_____
Select one of the following:		0-3	_____
CRE101	College Critical Reading and Critical Thinking		_____
Or equivalent as indicated by assessment			_____
<i>Mathematics</i>			_____
Select one of the following:		3-6	_____
MAT120	Intermediate Algebra		_____
MAT121	Intermediate Algebra		_____
MAT122	Intermediate Algebra		_____
MAT126	Intermediate Algebra with Review		_____
Distribution			_____
<i>Humanities, Arts and Design</i>			_____
Any approved general education course(s) from the Humanities, Arts and Design area		3	_____
<i>Social and Behavioral Sciences</i>			_____
Any approved general education course(s) in the Social and Behavioral Sciences area		3	_____
<i>Natural Sciences</i>			_____
PHY101	Introduction to Physics	4	_____
Total Credits		74-82	_____