Aircraft Maintenance Airframe

Certificate in Applied Science Credit Requirements: 29 Semester Credit Hours

This certificate, along with the General and Powerplant certificates, prepares the student to sit for the certification exams required by the Federal Aviation Administration to become certified airframe and powerplant maintenance technicians. Students are prepared for employment repairing aircraft, engines and related systems with airlines, government agencies, aircraft manufacturers and aircraft service companies.

For admission into this program the student must be a high school graduate or possess a GED and take TTC's placement test or meet the college's SAT or ACT requirements.

Recommended Sequence of Courses First Semester – Spring

ACM 125	Wood Structures, Coverings and	
	Finishes	2
ACM 135	Sheet Metal and Non-metallic	
	Structures	4
ACM 145	Aircraft Welding	2
ACM 165	Hydraulic and Pneumatic Systems	3
Total 11		11

Second Semester – Summer

ACM 150	Assembly and Rigging	3
ACM 155	Aircraft Environmental Systems	3
ACM 160	Utility and Warning Systems	3
ACM 167	Landing Gear Systems	3
	To	tal 12

Third Semester – Fall

		Total 6
ACM 174	Airframe Inspection	1
ACM 172	Aircraft Fuel Systems	1
ACM 170	Aircraft Electrical Systems	4

Aircraft Maintenance General

Certificate in Applied Science Credit Requirements: 18 Semester Credit Hours

This certificate, along with the Airframe and Powerplant certificates, prepares the student to sit for the certification exams required by the Federal Aviation Administration to become certified airframe and powerplant maintenance technicians. Students are prepared for employment repairing aircraft, engines and related systems with airlines, government agencies, aircraft manufacturers and aircraft service companies.

For admission into this program the student must be a high school graduate or possess a GED and take TTC's placement test or meet the college's SAT or ACT requirements.

Recommended Sequence of Courses First Semester – Fall

ACM 101	General Regulations	2
ACM 102	Aviation Sciences	3
ACM 105	Basic Aircraft Electricity	4
ACM 110	Aircraft Drawings	1
ACM 115	Ground Handling and Servicing	3
ACM 120	Materials and Corrosion Control	4
	Tota	al 17

Second Semester – Spring

ACM 114	Fluid Lines and Fittings	1
		Total 1

Aircraft Maintenance Powerplant

Certificate in Applied Science Credit Requirements: 30 Semester Credit Hours

This certificate, along with the General and Airframe certificates, prepares the student to sit for the certification exams required by the Federal Aviation Administration to become certified airframe and powerplant maintenance technicians. Students are prepared for employment repairing aircraft, engines and related systems with airlines, government agencies, aircraft manufacturers and aircraft service companies.

For admission into this program the student must be a high school graduate or possess a GED and take TTC's placement test or meet the college's SAT or ACT requirements.