

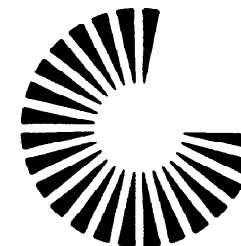
COMBINED AIRFRAME AND POWERPLANT CERTIFICATE

Typical Flowchart for Full-time Student

GENERALS

AIRFRAME

POWERPLANT



Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
AMT 124 Aircraft Forms & Regulations, Weight & Balance, Drawings & Ground Operations 5 CR •	AMT 220 Fundamentals of Aircraft Wood Structures, Covering & Finishing & Bonded Structures 3 CR •	AMT 222 Atmosphere Control, Fire Detection, Ice & Rain Protection Systems 4 CR •	AMT 263 Aircraft Turbine Engines 5 CR •	AMT 264 Aircraft Reciprocating Engines 7 CR •
AMT 126 Fundamentals of Mathematics & Electricity 9 CR •	AMT 224 Aircraft Sheet Metal 5 CR •	AMT 226 Aircraft Landing Gear, Hydraulic, Pneumatic, Fuel, Position & Warning Systems 7 CR •	AMT 268 Engine Electrical, Ignition & Starter Systems 6 CR •	AMT 266 Engine Fuel Systems, Fuel Metering & Induction System 6 CR •
AMT 128 Fundamentals of aviation physics, corrosion control, materials and processes, fluid lines & fittings 5 CR •	AMT 228 Aircraft Electrical Systems, Instruments, Fuel Indicating Communication & Navigation 7 CR •	AMT 230 Airframe Assembly, Inspection, & Welding Capstone for Airframe 6 CR •	AMT 270 Engine Instruments, Fire Protection, & Lubrication, Cooling & Exhaust Systems 5 CR •	AMT 272 Propeller Systems & Engine Inspections Capstone for Powerplant 4 CR •
19 CREDITS ALL GENERALS MUST BE COMPLETED PRIOR TO NEXT BLOCK.	15 CREDITS	17 CREDITS	16 CREDITS	17 CREDITS

Student Note:

Students wishing to complete either the certificate or the AAS degree must be willing to commit to approximately 40 hours per week.

The combined certificate program contains 84 credits, equal to 2250 hours of training for an Airframe and Powerplant certificate. The AAS degree requires an additional 18 – 27 credits (see box below).

*Associate of Applied Science Degree in Aircraft Maintenance Technology General Education Requirements

ENG 101 First Year Composition <i>or</i> ENG 107	3 CR
ENG 111 Technical Writing <i>or</i> ENG 102	3 CR
Oral Communications (COM 100, 110, 225, or 230)	3 CR
CRE 101 Critical & Evaluative Reading <i>or</i> Test Exempt	3 CR
Mat 120 or 122 Intermediate Algebra	3 – 5 CR
Any Approved Humanities and Fine Arts	2 – 3 CR
Any Approved Social and Behavioral Sciences	3 CR
PHY 101 Introduction to Physics w/Lab	4 CR

* RECOMMEND THOSE STUDENTS INTERESTED IN THE AAS DEGREE TO COMPLETE THE GENERAL EDUCATION REQUIREMENTS PRIOR TO OR AFTER COMPLETION OF THE AIRFRAME/POWERPLANT CERTIFICATE(S).

Students must earn a grade of “C” or better in all courses.