AMT Degree Plan

National Aviation ACADEMY

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
1	AMT-111	Aircraft Fundamentals	
1	AMT-112	Mathematics	
1	AMT-113	Physics	
1	AMT-114	Materials and Processes	
1	AMT-115	Aircraft Drawings	
1	AMT-116	Basic Electricity	
1	AMT-117	Weight and Balance	
1	AMT-121	Maintenance Forms and Regulations	336 HOURS

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
2	AMT-117	Cleaning and Corrosion Control	
2	AMT-118	Ground Operations and Service	
2	AMT-119	Fluid Lines and Fittings	
2	AMT-214	General Review	
2	AMT-215	General School Final Examination	
2	AMT-216	Reciprocating Engines	
2	AMT-221	Powerplant Systems (Reciprocating)	
2	AMT-222	Reciprocating Engines Troubleshooting	336 HOURS

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
3	AMT-311	Ignition and Starting Systems	
3	AMT-312	Engine Electrical Systems	
3	AMT-313	Engine Instrumental Systems	
3	AMT-321	Turbine Engines	
3	AMT-322	Powerplant Systems (Turbine)	336 HOURS

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
4	AMT-411	Engine Fire Protection Systems	
4	AMT-412	Propellers	
4	AMT-413	Engine Inspections	
4	AMT-414	Powerplant Review	
4	AMT-415	Powerplant School Final Exam	
4	AMT-421	Aircraft Electrical Systems	
4	AMT-422	Aircraft Instrument Systems	
4	AMT-423	Communication and Navigation Systems	336 HOURS

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
5	AMT-511	Sheet Metal and Non-Metallic Structures	
5	AMT-522	Wood Structures	
5	AMT-523	Aircraft Coverings	
5	AMT-524	Aircraft Finishes	
5	AMT-525	Welding	
5	AMT-526	Airframe Fuel Systems	
5	AMT-527	Ice & Rain Control Systems	336 HOURS

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
6	AMT-611	Hydraulic and Pneumatic Systems	
6	AMT-612	Aircraft Landing Gear Systems	
6	AMT-613	Position and Warning Systems	
6	AMT-614	Fire Protection Systems - Airframe	
6	AMT-615	Cabin Atmospheric Control Systems	
6	AMT-622	Assembly and Rigging	
6	AMT-623	Airframe Inspections	
6	AMT-624	Airframe Review	
6	AMT-625	Airframe School Final Examination	320 HOURS

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NAA EDU

Program Overview and Other Requirements

Aviation Maintenance Technology (AMT) Program Overview

Program Total Training Time = 2,000 Clock Hours (58 weeks / 14 months)

The Aviation Maintenance Technology program for Airframe and Powerplant Certification consists of 2000 clock hours of instruction and practical training in the maintenance, repair, inspection, and troubleshooting of different types of aircraft and aircraft systems.

The objective of this program is to prepare the student for the Federal Aviation Administration's written, oral, and practical examinations for the Airframe and Powerplant ratings. The curriculum trains students for employment as entry-level Aviation Maintenance Technicians with the ability and authority to inspect, maintain, alter, and repair aircraft, large or small, jet- or propeller-driven, in both the airline or general aviation categories; or, for career opportunities in non-aviation-related fields, with the appropriate technically transferable skills.

The program conveys the entire academic and laboratory theory as well as the practical experience required to qualify the student for employment in the aviation industry. The curriculum is approved by the Federal Aviation Administration, and compatible subjects are included in each term. Each school day is devoted to theory and/or laboratory instruction.