



AAS Degree Plan

TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS	TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS
1	AAS-2-100	Introduction	336 HOURS	3	AAS-2-100	Human Factors	328 HOURS
1	AAS-2-110	Soldering		3	AAS-2-800	Weather Avoidance Systems	
1	AAS-2-400	Instruments		3	AAS-3-200	Digital information Transfer Systems	
1	AAS-2-700	Navigation		3	AAS-3-300	Flight Deck Displays	
1	AAS-2-600	Communications		3	AAS-3-400	Aircraft Flight Safety System	
1	AAS-2-200	Installation		3	AAS-3-445	Airbus Systems Training	
1	AAS-2-900	Advanced Aircraft Systems II Review/Final Exam		3	AAS-3-500	Auto-Flight Systems	
					3	AAS-3-600	
				3	AAS-3-700	Advanced Aircraft Systems III Review/Final Exam	
TERM	SUBJECT	DESCRIPTION	TOTAL CLOCK HOURS				
2	AAS-1-100-00	Introduction	336 HOURS				
2	AAS-1-100-01	Mathematics					
2	AAS-1-100-10	Direct Current "DC"					
2	AAS-1-100-20	Alternating Current "AC"					
2	AAS-1-100-30	Solid State Devices					
2	AAS-1-100-40	Analog Devices & Circuits					
2	AAS-1-100-50	Digital Circuits					
2	AAS-1-100-60	Microprocessors					
2	AAS-1-200-10	Advanced Aircraft Systems I Review/Final Exam					





Program Overview and Other Requirements

Advanced Aircraft Systems (AAS)

Program Total Training Time = 1,000 Clock Hours (29 weeks / 7 months)

The training provided is directly relevant to the duties and responsibilities as authorized to the Airframe and Powerplant licensed Aircraft Technician by the FAA; it is designed to build on the foundational standards required to be an A&P mechanic as set by the FAA and requires training/experience in FAA documentation. This will advance the qualified individual while instilling a greater degree of confidence into both the apprentice level and experienced technician as to the level of knowledge and skills needed to install, effectively troubleshoot/ diagnose, maintain and execute the required documentation for the complex electrical and integrated Avionics systems found in today's modern FAA certified civilian aircraft. Upon completion of this course, the student should be able to present to the potential employer documented training and hold certifications and licenses over and above that of a typical A&P mechanic.

Potential employers typically prefer technicians who can perform an ever-broadening variety of tasks and possess the skills necessary to troubleshoot and diagnose complex aircraft systems. This course offers training that will also prepare the students for their relative FCC licenses in Elements 1 (Marine Radio Operators Permit), 3 (General Radio Operators License), and 8 (Radar Endorsement), as well as the NCATT Aircraft Electronics Technician Certification. Individuals in this program are typically self-motivated, hardworking, enthusiastic, and have a high degree of mechanical aptitude.