



SEQUENCE OF COURSES

ACS Titles	Total Hours	Theory Hours	Lab Hours
GENERAL	GENERAL		
Fundamentals of Electricity and Electronics	55	38	17
Aircraft Drawings	14	7	7
Weight and Balance	14	3	11
Fluid Lines and Fittings	21	7	14
Aircraft Materials, Hardware, and Processes	40	17	23
Ground Operations and Servicing	21	7	14
Cleaning and Corrosion Control	21	8	13
Mathematics	21	7	14
Regulations, Maintenance Forms, Records, and Publications	40	19	21
Physics for Aviation	28	21	7
Inspection Concepts and Techniques	41	17	24
Human Factors	14	10	4
	330	161	169



ACS Titles	Total Hours	Theory Hours	Lab Hours
AIRFRAME	AIRFRAME		
Metallic Structures	83	41	42
Non Metallic Structures	103	41	62
Flight Controls	83	41	42
Airframe Inspection	41	21	20
Landing Gear Systems	41	21	20
Hydraulic and Pneumatic Systems	41	21	20
Environmental Systems	41	21	20
Aircraft Instrument Systems	20	10	10
Communication/Navigation Systems	28	14	14
Aircraft Fuel Systems	20	10	10
Aircraft Electrical Systems	83	41	42
Ice and Rain Control Systems	20	10	10
Airframe Fire Protection Systems	14	7	7
Rotorcraft Fundamentals	28	21	7
Water and Waste Systems	14	7	7
	660	327	333



ACS Titles	Total Hours	Theory Hours	Lab Hours
POWERPLANT	POWERPLANT		
Reciprocating Engines	124	62	62
Turbine Engines	124	55	69
Engine Inspection	40	17	23
Engine Instrument Systems	28	14	14
Engine Fire Protection Systems	28	10	18
Engine Electrical Systems	55	17	38
Lubrication Systems	28	12	16
Ignition and Starting Systems	55	21	34
Engine Fuel and Fuel Metering Systems	62	21	41
Reciprocating Engine Induction and Cooling Systems	28	14	14
Turbine Engine Air Systems	28	14	14
Engine Exhaust and Reverser Systems	20	10	10
Propellers	40	21	19
	660	302	358