

Southern State Community College

Engineering: Aviation Maintenance (470G)

AAS

REQUIRED COURSES:	Semester Hours
First Semester, First Year	
AVIT 1111 Aircraft Operations & Preservation	5
AVIT 1112 Basic Aircraft Electricity	5
AVIT 1113 Aircraft Materials, Processes & Fluid Lines	5
ENGL 1101 English Composition	3

Second Semester, First Year	
AVIT 1121 Aircraft Maintenance Publications & Regulations	3
AVIT 2221 Aircraft Metallic Structures	6
AVIT 2222 Aircraft Fuel Systems	2
AVIT 2241 Aircraft Instrumentation, Navigation & Communication	4
PHYS 1117 applied Physics I (Mechanics)	3
MATH 1120 Technical Mathematics	3

First Semester, Second Year	
AVIT 2231 Aircraft Non-Metallic Structures	5
AVIT 2232 Airframe Electrical Systems	5
AVIT 2233 Aircraft Landing Gear & Fluid Power	5
ENDS 1142 Engineering Drawing II	3
PHYS 1115 applied Physics II (Heat, Light & Sound)	3

Second Semester, Second Year	
AVIT 2351 Aircraft Reciprocating Engines I	6
AVIT 2352 Aircraft Reciprocating Engines II	6
AVIT 2353 Aircraft Fuel Metering	5
ENGL 2205 Technical Report Writing	3

Summer Semester, Second Year	
AVIT 2361 Aircraft Turbine Engines I	6
AVIT 2362 Aircraft Turbine Engines II	6
AVIT 2364 Aircraft Powerplant Inspections	3

*Denotes course aligned for articulated credit, via method established on bilateral agreement

PATHWAY TAB INFORMATION			
Course Name	Postsecondary Institution	Credit Type	Credit Hours
EET 1131 Digital Electronics	Southern State Community College	CTAG	3
EET 1150 DC Circuits	Southern State Community College	CTAG	3
ENDS 1100 Introduction to Engineering	Southern State Community College	Bi-Lateral	2