

Southern State Community College

Engineering: Aviation Maintenance

AAS

2025-26	REQUIRED COURSES:	Semester Hours	Type of Credit	CTAN	ODE High School Course Alignment
Year One/Fall Semester					
AVIT 1101	Aircraft Operations & Preservation	3	Bilateral		
AVIT 1102	Aircraft Maintenance Forms & Inspection Tech	3	Bilat/CTAG	CTAIR002	General Maintenance 177014
AVIT 1103	Aircraft Materials & Corrosion	3	Bilateral		
AVIT 1104	Fundamentals of ELectricty& Electronics	3	Bilateral		
MATH 1128	Aviation Technical Mathematics	3	CCP Option		
Year One/Spring Semester					
AVIT 1201	Flight Controls, Rotorcraft & Inspection	3	Bilateral		
AVIT 1202	Airframe Non-Metallic Structures	3	Bilateral		
AVIT 1203	Aircraft Communication and Instruments	3	Bilateral		
AVIT 1204	Aircraft Environmental, Ice, Rain, Water Systems	3	Bilateral		
PHYS 2201	General Physics I (Algebra Based)/Lab I	5	OT36		
Year Two/Fall Semester					
AVIT 2301	Airframe Metallic Structures	4	Bilateral		
AVIT 2302	Aircraft Fuel, Hydraulics, Gear	4	Bilateral		
AVIT 2303	Airframe Electricity and Fire Protection	4	Bilateral		
ENGL 1101	English Composition I	3	OT36		
SOCI 1170	Introduction to Sociology	3	OT36		
Year Two/Spring Semester					
AVIT 2401	Reciprocating Engines I	3			
AVIT 2402	Reciprocating Engines II	3			
AVIT 2403	Turbine Engines I	3			
AVIT 2404	Turbine Engines II	3			
PHIL 1107	Ethics	3	OT36		
COLLEGE CREDIT OPPORTUNITY (from above)- depends on high school course completion					
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