

Southern State Community College

Engineering: Aviation Maintenance

AAS

2023-24	REQUIRED COURSES:	Semester Hours	Type of Credit	CTAN	ODE High School Course Alignment
Year One/Fall Semester					
AVIT 1111	Aircraft Operations & Preservation	5	Bilateral		Airframe Certification
AVIT 1112	Basic Aircraft Electricity	5	Bilateral		Airframe Certification
AVIT 1113	Aircraft Materials, Processes & Fluid Lines	5	Bilateral		Airframe Certification
MATH 1120	Technical Mathematics	3	CCP Option		
Year One/Spring Semester					
AVIT 1121	Aircraft Maintenance Publications & Regulations	3	Bilateral		Airframe Certification
AVIT 2221	Aircraft Metallic Structures	6	Bilateral		Airframe Certification
AVIT 2222	Aircraft Fuel Systems	2	Bilateral		Airframe Certification
AVIT 2241	Aircraft Instrumental, Navigation & Communication	4	Bilateral		Airframe Certification
PHYS 2201	General Physics I (Algebra Based)	4	OT36		
PHYS 2211	General Physics Lab I	1	OT36		
Year Two/Summer Semester					
AVIT 2231	Aircraft Non-Metallic Structures	5	Bilateral		Airframe Certification
AVIT 2232	Airframe Electrical Systems	5	Bilateral		Airframe Certification
AVIT 2233	Aircraft Landing Gear & Fluid Power	5	Bilateral		Airframe Certification
ENGL 1101	English Composition I	3	OT36		
Year Two/Fall Semester					
AVIT 2242	Aircraft Atmospheric & Protection System	3			
AVIT 2243	Aircraft Assembly & Rigging	4			
AVIT 2244	Airframe Inspection	3			
AVIT 2363	Aircraft Propellers & Cooling Systems	5			
PHIL 1107	Ethics	3	OT36		
ENDS 1140	Introduction to Engineering Graphics and AutoCAD	3			
Year Two/Spring Semester					
AVIT 2351	Aircraft Reciprocating Engines I	6			
AVIT 2352	Aircraft Reciprocating Engines II	6			
AVIT 2353	Aircraft Fuel Metering	5			
ENDS 2232	Introduction to SolidWorks	3	CCP Option		
ENGL 2205	Technical Reporting Writing	3	CCP Option		
Year Two/Summer Semester					
AVIT 2361	Aircraft Turbine Engine I	6			
AVIT 2362	Aircraft Turbine Engine II	6			
AVIT 2364	Aircraft Power plant inspections	3			
Select one of the 3 courses below					
THEA 1121	Introduction to Theatre	3	OT36		
SOCI 1170	Introduction to Sociology	3	OT36		
PSYC 1110	Principles of Psychology	3	OT36		
COLLEGE CREDIT OPPORTUNITY (from above)- depends on high school course completion					
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