

Southern State Community College

Computer Assisted Design (460C)

AAS

REQUIRED COURSES:	Semester Hours
First Semester, First Year	
ENDS 1100 Introduction to Engineering*	2
ENGL 1101 English Composition I	3
PHYS 1117 Applied Physics I (Mechanics)	3
MATH 1120 Technical Mathematics	3
ENDS 1145 Computer Applications in Engineering	3
ENDS 1142 Computer Drawing II	3

Second Semester, First Year	
PHYS 1115 Applied Physics II (Heat, Light & Sound)	3
ENDS 2230 Computer Graphics I	3
ENDS 2270 Computer Applications in Engineering II	3
ENGL 2205 Technical Report Writing	3
COMM 115 Fundamentals of Effective Speech	3

First Semester, Second Year	
ENDS 1143 Introduction to Product Design	3
ENDS 2201 Engineering Mechanics: Statics	3
ENDS 2205 Hydraulics & Pneumatics	3
ENDS 2219 Tool Design & Manufacturing	3
ENDS 2231 Computer Graphics II	3

Second Semester, Second Year	
ENDS 2202 Dynamics	3
ENDS 2203 Strength of Materials	3
ENDS 2233 Computer Aided Manufacturing	3
ENDS 2299 Design Research Project	3
XXXX General Elective	3

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

PATHWAY TAB INFORMATION			
Course Name	Postsecondary Institution	Credit Type	Credit Hours
ENDS 1100 Intro. to Engineering	Southern State Community College	Bi-Lateral	3
ENDS 2230 Computer Graphics I	Southern State Community College	CTAG	3
ENDS 2205 Hydraulics & Pneumatics	Southern State Community College	CTAG	3