

Prerequisites				
Courses	Classes	FA	SP	SU
Mathematics Requirement				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
MAC1140	Pre-Calculus	✓	✓	✓
Statistics Requirement (select 1)				
EGN3443	Probability and Statistics for Engineers <i>Preferred</i>	✓	✓	✓
STA2023	Elementary Statistics	✓	✓	✓
Technical Math Route				
EGN2045	Engineering Technical Calculus I	✓	✓	
EGN 3046	Engineering Technical Calculus II		✓	✓
OR Graduate Math Route				
MAC2311C	Calculus I	✓	✓	✓
MAC2312C	Calculus II	✓	✓	✓
MAC2313C	Calculus III	✓	✓	✓
MAP2302C	Differential Equations	✓	✓	✓
Physics Requirement (select 1)				
ETG3541	Applied Mechanics & Physics <i>Preferred</i>			✓
PHY2048C	Physics with Calculus I and Lab	✓	✓	
Digital and Discrete Math Requirements (Select 1)				
CET3116	Digital Technology <i>Preferred</i>	✓	✓	✓
OR				
CET1112C	Digital Fundamentals and Lab	✓	✓	✓
And ONE of the Following Two Options				
COT3100	Discrete Analysis <i>Preferred</i>	✓	✓	
MAD2104	Discrete Mathematics	✓		
Electronics and Programming Requirements (All the following courses must be completed)				
EET3085/L	Principles of Electrical Circuits (DC)	✓	✓	✓
EET1021C	Advanced Electrical Circuits and Lab (AC)	✓	✓	
EET1141C	Analog Devices and Circuits and Lab		✓	
EGN3214	Programming for Engineers	✓		✓
Lower Level Technical Electives: Student must complete 44 approved hours of lower-level technical coursework.				

Requirements (45 credit hours)				
Courses	Classes	FA	SP	SU
ETS 3543C	Programming Logic Applications and Lab PR: CET3116 or CET1112C	✓	✓	✓
GEB 3213	Business Writing PR: ENC1101	✓	✓	✓
EGN 3046	Engineering Technical Calculus II PR: EGN2045 or MAC2311C		✓	✓
EGN 3613	Engineering Economics Analysis PR: EGN2045 or MAC2311C		✓	✓
ETI 3116	Engineering Quality Assurance PR: STA2023 or EGN3443		✓	
EGN 3311	Statics PR: (EGN2045 or MAC2311C) and (ETG3541 or PHY2048C)	✓	✓	
EGN 3321	Dynamics PR: EGN3311	✓	✓	
ETP 4240 & ETP 4240L	Power Systems & Lab (EGN2045 or MAC2311C) and EET1021 Co-R: ETP4240L	✓		
EET 3716	Network Analysis PR: EET1021C and (EGN2045 or MAC2311C)	✓		
CET 3198 & CET 3198L	Digital Systems & Lab PR: CET3116 or (CET1112C) and (MAD2104 or COT3100) Co-R: CET3198L	✓		
EET 4158 & EET 4158L	Linear Integrated Circuits & Lab PR: (EET1141C and EET3716) Co-R: EET4158L		✓	
EET 4732 & EET 4732L	Feedback Control Systems & Lab PR: EET3716 and (PHY2048C or ETG3541) Co-R: EET4732L		✓	
ETI 4448	Project Management & Senior Design I and Lab PR: EGN3613	✓		
ETG 4950C	Project Management & Senior Design II and Lab PR: ETI4448		✓	
General Education Requirements: Student must complete State required general education courses. This requirement is considered complete with an AA from an accredited Florida State School; two (2) semesters of a foreign language completed in a Florida State School or transferred from a high school; completion of Florida Civics Literacy course and Exam are required.				

Student must select one (1) course (3 credit hours) from below. If the student completed MAP2302C instead of EGN3046, another course (3 credit hours) should be selected from the courses below

Courses	Classes	FA	SP	SU
ETI 4205	Applied Logistics PR: MAC1105 or Higher	✓		
ETM 4220	Energy Systems PR: EGN2045 or MAC2311C		✓	
EGN 3343	Thermodynamics PR: (PHY2048C or ETG3541) and (EGN3046 or MAP2302C)			✓
ETM 4331	Applied Fluid Mechanics PR: EGN3311	✓		
ETI 4704	Occupational Safety PR: GEB3213			✓
CDA 4101	Computer Organization and Design PR: CET1112C or CET3116	✓	✓	
COP 4708	Applied Database I PR :COP2800 or COP2220 or COP2360	✓	✓	
COP 4610	Operating Systems PR: CTS3348 or CTS2321	✓	✓	
CEN 4010	Software Engineering PR: COP3530		✓	
ETI4640	Operations Management MAC1105 or Higher	✓		✓

Legend:			
Prerequisites			
BSET Program Requirement			
Upper-Level Technical Electives			
✓	Course Available		
	Not Offered		