

Not offered in the semester

BSET-EET Planner

				Year:			Year:		
Mathematics Course Requirements	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
College Algebra	3	MAC1105							
Trigonometry	3	MAC1114							
Statistics	3	STA2023							
Technical Math Route	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
Engineering Tech. Calculus I	4	EGN2045							
Engineering Tech. Calculus II	3	EGN3046							
OR Graduate Program Route	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
Pre-Calculus	3	MAC1140							
Calculus I	4	MAC2311C							
Calculus II	4	MAC2312C							
Calculus III	4	MAC2313C							
Differential Equations	3	MAP2302							
Prerequisites	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer	
Electricity and Electronics Lecture (DC Circuits)	3	EET3085							
Electricity and Electronics Lab	1	EET3085L							
Advanced Electrical Circuits and Lab (AC Circuits)	3	EET1021C							
Analog Devices and Circuits and Lab	4	EET1141C							
Digital Technology	4	CET3116							
Programming for Engineers	3	EGN3214							
Physics Course Requirement (select 1)	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
Physics with Calculus I	5	PHY2048C							
Applied Mechanics and Physics	3	ETG3541							
General Physics I and Lab	4	PHY1053C							
Course Requirement (select 1)	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
Statics	3	EGN3311							
Applied Mechanics and Physics	3	ETG3541							
Program Requirements (42 credit hours)	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
Business Writing	3	GEB3213							
Engineering Quality Assurance	3	ETI3116							
Power Systems	3	ETP4240							
Power Systems Lab	1	ETP4240L							
Network Analysis	3	EET3716							
Engineering Tech. Calculus II	3	EGN3046							
Programmable Logic Applications and Lab	3	ETS3543C							
Engineering Economics Analysis	3	EGN3613							
Digital Systems	2	CET3198							
Digital Systems Lab	1	CET3198L							
Dynamics	3	EGN3321							
Linear Integrated Circuits	3	EET4158							
Linear Integrated Circuits Lab	1	EET4158L							
Feedback Control	3	EET4732							
Feedback Control Lab	1	EET4732L							
PM and Senior Design I	3	ETI4448							
PM and Senior Design II	3	ETG4950C							
BSET-EET Electives Requirement (select 1)	CH	Course	Done	Fall	Spring	Summer	Fall	Spring	Summer
Computer Organization & Design	3	CDA4101							
Applied Databases	3	COP4708							
Operating Systems	3	COP4610							
Applied Fluid Mechanics	3	ETM4331							
Energy Systems	3	ETM4220							
Occupational Safety	3	ETI4704							
Applied Logistics	3	ETI4205							
Thermodynamics OFFERED EVERY 2 YRS (Even years)	3	EGN3343							
Requirements Summary	CH	Course Number	Done						
General Education	36	Various							
Lower Level Technical Electives	44	44 Hours							
Upper Level Program Specific	48	48 Hours							
Total Hours		128 Hours							

Prerequisites		FA	SP	SU
Courses	Classes			
Mathematics Requirement				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
STA2023	Elementary Statistics	✓	✓	✓
Technical Math Route				
EGN2045	Engineering Technical Calculus I	✓	✓	✓
EGN 3046	Engineering Technical Calculus II	✓	✓	✓
OR Graduate Math Route				
MAC1140	Pre-Calculus	✓	✓	✓
MAC2311C	Calculus I	✓	✓	✓
MAC2312C	Calculus II	✓	✓	✓
MAC2313C	Calculus III	✓	✓	✓
MAP2302	Differential Equations	✓	✓	✓
Physics Requirement (select 1)				
ETG3541	Applied Mechanics & Physics			✓
PHY2048C	Physics with Calculus I and Lab	✓	✓	✓
PHY1053C	General Physics I and Lab	✓	✓	✓
Course Requirements				
CET3116	Digital Technology	✓	✓	✓
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)		FA	SP	SU
Courses	Classes			
ETS 3543C	Programming Logic Applications and Lab PR: MAC1105	✓	✓	✓
GEB 3213	Business Writing	✓	✓	✓
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	✓		
EGN 3311	Statics PR: EGN2045 or MAC2311C and ETG3541 or PHY2048C	✓		
EGN 3321	Dynamics PR: EGN3311	✓		
ETP 4240 & ETP 4240L	Power Systems & Lab PR: 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 PHY2048 or ETG3541 or PHY1053 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.				

Classes		FA	SP	SU
Courses	Classes			
ETI 4205	Applied Logistics PR: MAC1105	✓		
ETM 4220	Energy Systems PR: EGN2045 or MAC2311C		✓	
EGN 3343	Thermodynamics (Offered every 2 years, Even) PR: PHY2048C and EGN3046 or MAP2302C	✓		
ETM 4331	Applied Fluid Mechanics PR: EGN2045 or MAC2311C and ETG3541 or PHY2048C	✓		
ETI 4704	Occupational Safety PR: GEB3213			✓
CDA 4101	Computer Organization and Design PR: CET1112C or CET3116	✓	✓	
COP 4708	Applied Database I PR: COP2800 or COP2200 or COP2360	✓	✓	
COP 4610	Operating Systems PR: CTS3348 or CTS2321	✓	✓	
CEN 4010	Software Engineering PR: COP3530		✓	
EGN 3214	Programming for Engineers PR: EGN2045 or MAC2311C	✓		✓

Legend:

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

Student must select one (1) course (3 credit hours) from below.