

Not offered in the semester
Offered every other year

						Offered ev	very othe	er year	
<b>BSET-EET Planner</b>				Year:	•	Year:			
Mathematics Requirements	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
College Algebra	3	MAC1105							
Trigonometry	3	MAC1114							
Statistics	3	STA2023							
Technical Math Route	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Engineering Tech. Calculus I	4	EGN2045	Done	Tan	Spring	Summer	Tan	Spring	Summer
Engineering Tech. Calculus II	3	EGN3046							
-OR - Graduate Program Route	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Pre-Calculus	3	MAC1140	Done	Tan	Spring	Summer	Idii	Spring	Summer
Calculus I	4	MAC2311C							
Calculus II	4	MAC2312C							
Calculus III	4	MAC2313C							
Differential Equations	3	MAP2302							
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Other Requirements Physics with Calculus I	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Physics with Calculus I	5	PHY2048C							
Applied Physics and Mechanics	4	ETG3541							
Circuits (DC)	4	EET3085/L							
Advanced Circuits (AC)	3	EET1021C							
Analog Devices	3	EET1141C							
Digital Technology	4	CET3116							
Programming for Engineers	3	EGN3214							
Program Requirements (45 hours)	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Logic Applications	3	ETS3543C	Done	Tan	Spring	Summer	Idii	Spring	Summer
Business Writing	3	GEB3213							
Engineering Quality	3	ETI3116							
Power Systems	4	ETP4240/L							
Network Analysis	3	EET3716							
Applied Mechanics	3	ETG3541							
OR		1							
Statics	3	EGN3311							
Dynamics	3	EGN3321							
Digital Systems	3	CET3198/L							
Technical Calculus II	3	EGN3046							
Engineering Economics	<del>-</del>	EGN3613	+						
Linear Integrated Circuits	4	EET4158 /L							
Feedback Control PM and Senior Design I	3	EET4732/L ETI4448							
PM and Senior Design II	3	ETG4950C							
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BSET-EET Electives (Select One)	_	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
Computer Organization and Design	3	CDA4101							
Operating Systems	3	COP4610							
Applied Database I	3	COP4708							
Applied Fluid Mechanics	3	ETM4331							
Energy Systems	3	ETM4220							
Occupational Safety	3	ETI4704							
Thermodynamics	3	EGN3343					<u> </u>		
Applied Logistics	3	ETI4205							
Requirements Summary	СН	Course Number	Done	Fall	Spring	Summer	Fall	Spring	Summer
General Education	36	Various							
Lower Level Technical Electives	44	44 Hours							
Upper Level Required 48	48	48 Hours							
Total Hours	128	128 Hours							
Total Semester Hours									
. sta. semester risars		1					<b></b>		



### **BSET-EET Program**

Prerequisites							
Courses	Classes		SP	SU			
Mathematics Requirements							
MAC1105	College Algebra	✓	<b>√</b>	<b>√</b>			
MAC1114	Trigonometry	✓	<b>√</b>	<b>✓</b>			
STA2023	Statistics	✓	<b>√</b>	<b>√</b>			
Technical Math Route							
EGN2045	Engineering Tech Calculus I	✓	<b>√</b>				
ENG3046	Engineering Tech Calculus II		<b>√</b>	<b>√</b>			
-OR- Graduate Program Route							
MAC1140	Pre-Calculus	✓	<b>√</b>	✓			
MAC2311C	Calculus I	<b>√</b>	<b>√</b>	<b>√</b>			
MAC2312C	Calculus II	<b>√</b>	<b>√</b>	<b>√</b>			
MAC2313C	Calculus III	<b>√</b>	<b>√</b>	<b>√</b>			
MAP2302	Differential Equations	✓	<b>√</b>	<b>✓</b>			
Other Requirements							
ETG3541 - OR-	Applied Mechanics & Physics			<b>√</b>			
PHY2048C - OR-	Physics with Calc I	✓	<b>√</b>				
PHY1053C	General Physics I	✓					
ENG3214	Programming for Engineers	✓		✓			
CET3116	Digital Technology	✓	✓.	<b>√</b>			
EET3085/L	Circuits (DC)	✓	✓.	<b>V</b>			
EET1021C	Advanced Circuits (AC)	<b>√</b>	✓.				
EET1141C	Analog Devices		<b>V</b>				
Lower Lovel Tech Floatives (LLTE)							

## Lower Level Tech Electives (LLTE)

Students must complete <u>44</u> approved hours of lower level technical coursework.

	Requirements (45 hours)			
Courses	Classes	FA	SP	SI
ET53543C	Prog. Logic Applications PR: MAC1105	<b>V</b>	<b>√</b>	1
GEB 3213	Business Writing	1	1	<b>V</b>
ETI3116	Engineering Quality PR: STA2023		✓	
EGN3613	Engineering Economics PR: MAC2311C or EGN2045		✓	<b>√</b>
ETP4240/L	Power Systems PR: EET1021C	√		
EET3716	Network Analysis PR: EET1021C & EGN2045 or MAC2311C	<b>√</b>		
ETG3541	Applied Mechanics & Physics PR: EGN2045 or MAC2311C			<b>√</b>
-OR- EGN3311	Statics PR: EGN2045 or MAC2311C & ETG3541 or PHY2048C	1		
EGN3321	Dynamics PR: EGN3311		√	
CET3198/L	Digital Systems PR: CET3116 or CET1112C	<b>√</b>		
EGN3046	Technical Calculus II PR: EGN2045 or MAC2311C		✓	<b>V</b>
EET4158/L	Linear Integrated Circuits PR: EET1141C & EET3716		✓	
EET4732/L	Feedback Control PR: EET3716 & PHY2048 or ETG3541 or PHY1053		1	
ET14448	PM & Senior Design I PR: EGN3613	<b>√</b>		
ETG4950C	PM & Senior Design II PR: ETI4448		✓	

# General Education Requirements

You must complete the state required general education courses.
This requirement is considered complete with an AA from a Florida
State School. Two semesters of a foreign language completed in a
Florida State School or transferred from a high school is also required.

#### Must select one course from the Upper Level Tech Electives below (3 hours)

Courses	Classes	FA	SP	SU
CEN4010	Software Engineering		<b>√</b>	
CDA4101	Comp Organization & Design	✓	✓	
COP4610	Operating Systems	✓	<b>√</b>	
COP4708	Applied Database I	✓	<b>√</b>	✓
ETM4331	Applied Fluid Mechanics	✓		
ETM4220	Energy Systems		✓	
ETI4704	Occupational Safety			✓
EGN3046	Engineering & Technology Calculus II		✓	<b>√</b>
EGN3343	Thermodynamics	✓		
ETI4205	Applied Logistics	✓		

## Legend:

Prerequisites

**BSET-EET Requirements** 

**Upper Level Technical Electives** 

√ = Available

Not Offered