

BSET-EET Program

<i>Prerequisites</i>				
Courses	Classes	FA	SP	SU
Mathematics Requirements				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
STA2023	Statistics	✓	✓	✓
Technical Math Route				
EGN2045	Engineering Tech Calculus I	✓	✓	█
ENG3046	Engineering Tech Calculus II	█	✓	✓
-OR- Graduate Program Route				
MAC1140	Pre-Calculus	✓	✓	✓
MAC2311C	Calculus I	✓	✓	✓
MAC2312C	Calculus II	✓	✓	✓
MAC2313C	Calculus III	✓	✓	✓
MAP2302	Differential Equations	✓	✓	✓
Other Requirements				
ETG3541 - OR- PHY2048C OR- PHY1053C	Applied Mechanics & Physics Physics with Calc I General Physics I	█ ✓ ✓	█ ✓ █	✓ █ █
ENG3214	Programming for Engineers	✓	█	✓
CET3116	Digital Technology	✓	✓	✓
EET3085/L	Circuits (DC)	✓	✓	✓
EET1021C	Advanced Circuits (AC)	✓	✓	█
EET1141C	Analog Devices	█	✓	█
Lower Level Tech Electives (LLTE)				
Students must complete 44 approved hours of lower level technical coursework.				

<i>Requirements (45 hours)</i>				
Courses	Classes	FA	SP	SU
ETS3543C	Prog. Logic Applications PR: MAC1105	✓	✓	✓
GEB 3213	Business Writing	✓	✓	✓
ETI3116	Engineering Quality PR: STA2023	█	✓	█
EGN3613	Engineering Economics PR: MAC2311C or EGN2045	█	✓	✓
ETP4240/L	Power Systems PR: EET1021C	✓	█	█
EET3716	Network Analysis PR: EET1021C & EGN2045 or MAC2311C	✓	█	█
ETG3541 -OR- EGN3311	Applied Mechanics & Physics PR: EGN2045 or MAC2311C Statics PR: EGN2045 or MAC2311C & ETG3541 or PHY2048C	█ ✓	█ █	✓ █
EGN3321	Dynamics PR: EGN3311	█	✓	█
CET3198/L	Digital Systems PR: CET3116 or CET1112C	✓	█	█
EGN3046	Technical Calculus II PR: EGN2045 or MAC2311C	█	✓	✓
EET4158/L	Linear Integrated Circuits PR: EET1141C & EET3716	█	✓	█
EET4732/L	Feedback Control PR: EET3716 & PHY2048 or ETG3541 or PHY1053	█	✓	█
ETI4448	PM & Senior Design I PR: EGN3613	✓	█	█
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	█	✓	█
CDA4101	Comp Organization & Design	✓	✓	█
COP4610	Operating Systems	✓	✓	█
COP4708	Applied Database I	✓	✓	✓
ETM4331	Applied Fluid Mechanics	✓	█	█
ETM4220	Energy Systems	█	✓	█
ETI4704	Occupational Safety	█	█	✓
EGN3046	Engineering & Technology Calculus II	█	✓	✓
EGN3343	Thermodynamics	✓	█	█
ETI4205	Applied Logistics	✓	█	█

Legend:

Prerequisites

BSET-EET Requirements

Upper Level Technical Electives

✓ = Available

█ = Not Offered