Electrical Engineering B.S.E.E.

2- Year Plan of Study
Items marked with a ☑ are critical for the student to remain on track for graduation.

Semester 1 - Fall

Crit	Course/Requirement	Credits
☑	EGN 3000 - Foundations of Engineering	0
☑	EEL 3705 - Fundamental of Digital Circuit	3
☑	EEE 3394 - EE Science 1: Electronic Mtrls	3
☑	EEL 2161 - Programming with C	3
☑	EGN 3420 - Engineering Analysis	4
☑	EGN 3373 - Electrical Systems I	3
☑	EGS 2070 - Prof Form Engineers 1	1
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Semester 2 - Spring

Crit	Course/Requirement	Credits
☐	EEL 3705L - Fund of Digital Circuits Lab	1
☐	EEL 3472C **OR** (PHY 2049 **AND** PHY 2049L)	4
☐	EEL 3115L - Laboratory I	1
☑	EGN 3374 - Intro to Electrical Systems II	3
☑	EGS 3071 - Prof Form Engineers 2	1
☐	Elective Core	3
☐	Elective Core	3
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Semester 3 - Summer		
Crit	Course/Requirement	Credits
☐	EEL 3163C - Computer Tool Lab	1
☐	EEL 4102 - Signals & Systems	3
☐	Elective Core	3
☐	Elective Core	3
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Semester 4 - Fall		
Crit	Course/Requirement	Credits
☐	EEL 4835 - Programming Design	3
☐	EGS 3072 - Prof Form Engineers 4	1
☑	EEL 4906 - EE Design 1	3
☐	Major Elective	3
☐	Track Elective	3
☐	Track Elective	3
☐	Track Lab	1
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☐		
☐		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
☐	EEL 4914 - EE Design 3	3
☐	Major Elective	1
☐	Major Elective	3
☐	Major Elective	3
☐	Track Elective	3
☐	Track Elective	3
☐	Track Lab	1
☐	Apply for Graduation	0
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☐		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
☐	EGN 2440 - Prob & Statistics With Calc	3
☐	EGN 2615 - Economical Analysis Of Systems	3
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