

Suggested Plan of Study Electrical Engineering (Fall 2026 Catalog) Power & Renewable Energy Track - 122 Credit Hours

SEMESTER 1 - FALL		
Course No.	Course Name	Hours
EGN 3211	Eng Analysis & Comp	3
MAC 2311C	Calculus I	4
EGS 1006C	Intro to Eng Profession	1
CHS 1440	Principles of Chemistry	4
Total		12

SEMESTER 2 - SPRING		
Course No.	Course Name	Hours
ENC 1101	Composition I	3
EGN 1007C	Eng Concepts & Method	1
MAC2312	Calculus II	4
PHY 2048 & PHY 2048L	Physics I for Engineers & Lab	4
EGN 3420	Engineering Analysis	3
Total		15

SEMESTER 3 - SUMMER		
Course No.	Course Name	Hours
MAC2313	Calculus III	4
Humanities Foundation		3
Total		7

SEMESTER 4 - FALL		
Course No.	Course Name	Hours
EEE 3342C	Digital Systems	3
PHY 2049 & PHY 2049L	Physics II for Engineer & Lab	4
ENC 1102	Composition II	3
STA 3032	Prob & Stats for Engr	3
Total		13

SEMESTER 5 - SPRING		
Course No.	Course Name	Hours
MAP 2302	Differential Equations	3
EEL 3004C	Linear Circuits I	3
EEL 3801C	Comp Organization	4
Social Sciences Foundation		3
Total		13

SEMESTER 6 - SUMMER		
Course No.	Course Name	Hours
EEL 3123C	Linear Circuits II	3
Social Sciences Foundation		3
SPC 1603C	Technical Presentations	3
Total		9

SEMESTER 7 - FALL		
Course No.	Course Name	Hours
EEL 3657	Linear Control Systems	3
Junior Elective		3
Junior Elective		3
EEE 3307C	Electronics I	4
Total		13

SEMESTER 8 - SPRING		
Course No.	Course Name	Hours
EEL 4216	Fund of Elect Power Syst	3
EEL 4742C	Embedded Systems	3
EEL 3926L	ECE Design Lab	1
Senior Elective		3
Senior Elective		3
Total		13

SEMESTER 9 - SUMMER		
Course No.	Course Name	Hours
	Internship encouraged	
Total		0

SEMESTER 10 - FALL		
Course No.	Course Name	Hours
EEL 4914	Senior Design I	3
Humanities Foundations		3
Senior Elective		3
Approved technical elective		3
Approved technical elective		3
Total		15

SEMESTER 11 - SPRING		
Course No.	Course Name	Hours
EEL 4915L	Senior Design II	3
Approved technical elective		3
Approved technical elective		3
Approved technical elective		3
Total		12

SEMESTER 12 - SUMMER		
Course No.	Course Name	Hours
Total		0