Department of Electrical and Computer Engineering

Curriculum for students entering the Computer Engineering program in academic year

2023-2024*

Computer Engineering	Credits = 129

Student Name GWID

Advisor Admit Date

FALL
First Semester Credits = 16

Hr	Course	Description	Grd	Date
4	CHEM 1111	Gen.Chem.		
1	ECE 1010	Introduction		
3	MATH 1231	Single Var.I		
1	SEAS 1001	Orientation		
4	UW 1020	U.Writing		
3	H/SS 1			

SPRING
Second Semester Credits = 17

Hr	Course	Description	Grd	Date
3	CSCI 1311	Dic. Struct.		
1	ECE 1020	Introduction		
3	ECE 1120	C Program.		
3	MATH 1232	Single Var.II		
3	PHIL 2135	Ethics		
4	PHYS 1021	U.Phys.I		

NOT FOR DEGREE

Hr	Course	Description	Grd	Date

FALL
Third Semester Credits = 18

Hr	Course	Description	Grd	Date
3	APSC 2113	Diff.Eq./L.A.		
3	ECE 1125	Data Struct.		
4	ECE 2110	Circuit Th.		
1	ECE 2120	Seminar		
3	MATH 2233	Multivariable		
4	PHYS 1022	U.Phys.II		

SPRING
Fourth Semester Credits = 17

Hr	Course	Description	Grd	Date
3	APSC 3115	Probability		
4	ECE 2115	Electronics		
4	ECE 2140	Logic Syst.		
3	ECE 2210	Sign./Syst.		
3	H/SS 2			

FALL
Fifth Semester Credits = 16

Hr	Course	Description	Grd	Date
4	ECE 3130	Dig.Electr.		
3	ECE 3220	DSP		
3	ECE 3515	Comp. Org.		
3	ECE 3520	Microproc.		
3	Tech Elect 1			

SPRING
Sixth Semester Credits = 15

Hr	Course	Description	Grd	Date
4	ECE 3135	Dig.Dsgn.		
3	ECE 3525	Emb. Syst.		
1	ECE 3915W	Capstone I		
3	ECE 4415	Comm.Nets.		
1	ECE 4425	Comm. Lab		
3	Tech Elect 2			

FALL
Seventh Semester Credits = 15

Hr	Course	Description	Grd	Date
3	ECE 4140	VLSI Dsgn.		
3	ECE 4535	Comp.Arch.		
3	ECE 4920W	Capstone II		
3	H/SS 3			
3	Tech Elect 3			

SPRING
Eighth Semester Credits = 15

Hr	Course	Description	Grd	Date
3	ECE 4150	ASIC Dsgn.		
3	ECE 4925W	Capstone III		
3	H/SS 4			
3	Tech Elect 4			
3	Tech Elect 5			

Cumulative GPA	#NAME?
Technical GPA	#NAME?

* A Computer Engineering student who entered the program in AY 2023-2024 must follow this curriculum or any Computer Engineering curriculum following this one after getting approval to change the curriculum.