Department of Electrical and Computer Engineering

Curriculum for students entering the Computer Engineering program in academic year

2024-2025* Computer Engineering

Credits = 129

Advisor					Admit Date									
FALL					e D	RING								
	Semester	Crad	lits =	16		cond Semester	Cred	its =	17		NOT FOR R	CODEE		
	ourse	Description		Date	. —	Course			Date	Hr	NOT FOR D	Description	Grd	Date
_	HEM 1111	Gen.Chem.	Gru	Date		CSCI 1311	Description Dic. Struct.	Grd	Date	┨Ё	000.00	Decemption		Date
	CE 1010	Introduction				ECE 1020	Introduction			┨┝╴				
	ATH 1231	Single Var.I	1			ECE 1120	C Program.			┪┝━				
	EAS 1001	Orientation				MATH 1232	Single Var.II			┪┝━			1	
	W 1020	U.Writing				PHIL 2135	Ethics			┧┝━				
3 H/	/SS 1					PHYS 1021	U.Phys.I			┧┝━				
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FALL					SP	RING								
Third	Semester	Cred	lits =	18	Fou	ırth Semester	Cred	its =	17			1		
Hr C	ourse	Description	Grd	Date	Hr	Course	Description	Grd	Date	1				
3 Al	PSC 2113	Diff.Eq./L.A.			3	APSC 3115	Probability			1 🗆				
3 E	CE 1125	Data Struct.			4	ECE 2115	Electronics							
4 E0	CE 2110	Circuit Th.			4	ECE 2140	Logic Syst.							
	CE 2120	Seminar				ECE 2210	Sign./Syst.							
3 M	ATH 2233	Multivariable)		3	H/SS 2								
				1	1									
4 PH	HYS 1022	U.Phys.II												
4 PH	HYS 1022	U.Phys.II								}				
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FALL Fifth S Hr Co	Semester ourse CE 3130	Cred Description Dig.Electr.			Six Hr	th Semester Course ECE 3135	Description Dig.Dsgn.		-]				
FALL Fifth S Hr Co 4 E0 3 E0	Semester ourse CE 3130 CE 3220	Cred Description Dig.Electr. DSP			Six Hr 4	th Semester Course ECE 3135 ECE 3525	Description Dig.Dsgn. Emb. Syst.		-					
FALL Fifth S Hr Co 4 E0 3 E0	Semester ourse CE 3130 CE 3220 CE 3515	Cred Description Dig.Electr. DSP Comp. Org.			Six Hr 4 3	th Semester Course ECE 3135 ECE 3525 ECE 3915W	Description Dig.Dsgn. Emb. Syst. Capstone I		-					
FALL Fifth S Hr Co 4 E0 3 E0 3 E0	Semester ourse CE 3130 CE 3220 CE 3515 CE 3520	Cred Description Dig.Electr. DSP			Six Hr 4 3 1 3	th Semester Course ECE 3135 ECE 3525 ECE 3915W ECE 4415	Description Dig.Dsgn. Emb. Syst. Capstone I Comm.Nets.		-					
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#NAME?

Technical GPA

	Department of Electrical and	partment of Electrical and Computer Engineering				
	2024-202	2024-2025*				
	Computer Engi	neering	Credits = 129			
Student Name	0	GWID: 0				
Advisor	0	Admit Date: 0				

Admit Date: 0

Sem. Hrs.	Semester	Year	Sem. GPA	Initials / Date	Action

Advisor

Computer Engineering major undergraduate students are required to select a specialized Track from the provided options below. By utilizing technical elective courses, students can fulfill the necessary coursework for their chosen Track. Three selected courses should be at least 9 credits total.

- Track 1: Electronics, Nanotechnology, and Chip Design (taking 3 of the technical elective courses from the following ECE courses with consultant of advisor): ECE 3125, 4145, 4160, 6221, 4535.
- Track 2: Artificial Intelligence and Robotics (taking ECE 6210 plus 2 of the technical elective courses from the following ECE courses with consultant of advisor): ECE 4710, 4730, 6217, 6850, 6882, BME 4835.
- Track 3: Computer Hardware and Systems (taking 3 of the technical elective courses from the following ECE courses with consultant of advisor): ECE 6105, 6125, 6130, 6140, 6150.
- Track 4: Cybersecurity (taking ECE 6160 plus 2 of the technical elective courses from the following ECE courses with consultant of advisor): ECE 6130, 6132, 6570, 6565.
- Track 5: CE General Track: taking 3 technical elective courses with consultant of advisor to ensure the selected courses align with general track overall academic goals.