

2021	Spring Classes 21hrs	
	ELCT 102	
	CSCE 146	
	MATH 241	
	PHYS 212	
	STAT 509 and PSYC 101	

2022	Spring Classes-18 hrs	Pr
	EMCH 308(Introduction to FEA)	3
	CSCE 211 (Digital Logic Design)	3
	ELCT 221 (Circuits)	3
	EMCH 327(Machine Design)	3
	ELCT 361(Electromagnetics)	3
	ELCT 363(Intro. To Microelectronics)	3

2023	Spring Classes-21hrs	
	ELCT 301(Electronics Laboratory)	3
	ELCT 321(Digital Signal Processing)	3
	ELCT 371(Electronics)	3
	EMCH 332(Kinematics)	3
	EMCH 371(Materials)	3
	EMCH 362(Laboratory 2)	3
	PHIL 325	3

2024	Spring Classes-21hrs	
	ELCT 332(Fundamentals of Communication Systems)	3
	ELCT electives	3
	ELCT electives	3
	EMCH elective	3
	MUSC 110	3
	CSCE 313 Embedded Systems	3
	MATH 374 Discrete Structures	3

2025	Spring Classes-21hrs	
	ELCT 404(Capstone Design Project 2)	3
	EMCH 428(Design 2)	3
	ENGL 462 Technical Writing	3
	CSCE 330(Programming Language Structures)Elective	3

CSCE 416 Introduction to Computer Networks	3
CSCE 492 Capstone Computing Project II	3
CSCE 491 Capstone Computer Engr. Project	3

Fall Classes-15hrs	3.6
EMCH 201(Intro to Applied Numerical Methods)	A
EMCH 260(Intro to Mechanics of Solids)	A
EMCH 290(Intro to Thermodynamics)	A
EMCH 310(Dynamics)	C
EMCH 380(Project Management)	A

Fall Classes-21hrs	
CSCE 212(Intro. To Computer Architecture)	3
ELCT 201(Introductory Elect. Engr. Lab)	3
ELCT 222(Signals & Systems)	3
EMCH 360(Fluid Mechanics)	3
EMCH 361(Laboratory 1)	3
EMCH 368(Mechatronics)	4
CSCE 190(Computing in the Modern World)	1
CSCE 215(UNIX/Linux Fundamentals)	1

Fall Classes-21hrs	
ELCT 302(Real-Time Systems Laboratory)	3
ELCT 331(Control Systems)	3
CSCE 240 Advanced Programming Techniques	3
EMCH 354(Heat Transfer)	3
EMCH 377(Manufacturing)	3
EMCH 367(Controls)	3
HIST 111	3

Fall Classes-21hrs	
ELCT 403(Capstone Design Project 1)	3
EMCH 427(Design 1)	3
CSCE 311 Operating Systems	3
CSCE 274 Robotic Applications & Design	3
CSCE 611 Advanced Digital Design	3
CSCE 490 Capstone Computing Project I	3
CSCE 350 Data Structures & Algorithms	3

Fall Classes(Extra Semester)5 credits	
MATH 344 Applied Linear Algebra	4
CSCE 390 Prof. Issues in Computer Science Engr.	1

1	CSCE 190	1	1	CSCE 190	1
2 !	CSCE 215	1	2 !	CSCE 215	1
3	CSCE 390	1	3	CSCE 274	3
4 !	MATH 374	3	4	CSCE 611	3
5	CSCE 247	3	5 !	MATH 374	3
6 ~	ENGL 462	3	6	CSCE 313	3
7	CSCE 416	3	7	CSCE 390	3
8	MATH 344	4	8 ~	ENGL 462	3
9 2	CSCE 240	3	9	CSCE 416	3
10 9	CSCE 311	3	10	MATH 344	4
11 9,4	CSCE 330	3	11 2	CSCE 240	3
12 9,4	CSCE 350	3	12 11	CSCE 311	3
13 12	CSCE 355	3	13 11,5	CSCE 350	3
14 8,6,12	CSCE 490	3	14 12,8,11	CSCE 490	3
15 14	CSCE 492	3	15 11,6,4	CSCE 491	3
16	CSCE Elective	3	16 14	CSCE 492	3
17	CSCE Elective	3	17	CSCE Elective	3
18	CSCE Elective	3			48

