Bachelor of Science Computer Engineering 2023-2024 Catalog   DIGITAL CIRCUITS

SEMESTER		Fall
Course No.		**Hours**
SPC 1603C	Technical Presentations	3
*MAC 2311C	Calculus I	4
Historical Foundation		3
EGS 1006C	Intro to Eng Profession	1
*CHS 1440	Principles of Chemistry	4
		15

SEMESTER		Spring
Course No.		**Hours**
ENC 1101	Composition I	3
EGN 1007C	Eng Concepts & Method	1
*MAC 2312	Calculus II	4
*PHY 2048 & *PHY 2048 L	Physics I for Engineers & Lab	4
COT 3100C	Intro Discrete Structures	3
		15

SEMESTER		Summer
Course No.		**Hours**

SEMESTER		Fall
Course No.		**Hours**
*MAC 2313	Calculus III	4
*PHY 2049 & *PHY 2049L	Physics II for Engineers & Lab	4
*EGN 3211	Eng. Analysis & Comp.	3
Historical Foundation		3
		14

SEMESTER		Spring
Course No.		
*MAP 2302	Differential Equations	3
*EEE 3342C	Digital Systems	3
*EEL 3004C	Linear Circuits I	3
ENC 1102	Composition II	3
Science Foundation		3
		15

SEMESTER		Summer
Course No.		**Hours**
*EEL 3123C	Linear Circuits II	3
*EEL 3801C	Comp. Organization	4
Cultural Foundation		3
		10

SEMESTER		Fall
Course No.		**Hours**
*COP 3330	Obj Oriented Prog	3
*COP 3502C	Computer Science I	3
EEE 3307C	Electronics I	4
STA 3032	Prob & Stat for Eng	3
Social Foundation		3
		16

SEMESTER		Spring
Course No.		**Hours**
*COP 3503C	Computer Science II	3
EEL 4742C	Embedded Systems	3
EEL 4768	Computer Architecture	3
Senior Elective		3
EEL 3926L	Junior Design	1
ECO 2013	Macroeconomics	3
		16

SEMESTER		Summer
Course No.		**Hours**
Internship or Co-operative Eduation		
is encouraged		

SEMESTER		Fall
Course No.		**Hours**
EEL 4914	Senior Design I	3
Senior Elective		3
Approved Technical Elective		3
Approved Technical Elective		3
Approved Technical Elective		3
		15

SEMESTER		Spring
Course No.		**Hours**
EEL 4781	Cmp Comm Networks	3
EEL 4915L	Senior Design II	3
Approved Technical Elective		3
Approved Technical Elective		3
		12

SEMESTER		Summer
Course No.		**Hours**

* Requires a Grade of C or Better