Advisor:
Printed:

COMPUTER ENGINEERING (128 hours)

Effective Fall 2019 (www.ece.ksu.edu)

DOE:
Class:
Flowchart: 48
Hours:

FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ECE 015 (0) New Student Assem	ECE 115 (1) New Student Dsn Proj		ECON 110 (3) Macroeconomics	H & SS (3) Gen Ed b.	H & SS (3) Gen Ed b.		H & SS (3) Gen Ed b.
ENGL 100 (3) Expo Writ 1			STAT 510 (3) Prob & Stat PR: MATH 221**	ECE 540 (3) Appl Sci Comp PR: STAT 510** PR: CIS 209 or CIS 200**	ENGL 415 (3) Writ Comm PR: ENGL 100**	ECE 590 (3) Senior Design Exp I PR: ECE 511, 525, 540** PR: ENGL 415**	ECE 591 (2) Senior Design Exp II PR: ECE 590
MATH 220 (4) Calculus 1	MATH 221 (4) Calculus 2 PR: MATH 220**	MATH 340 (4) Diff Eq PR: MATH 221**	MATH 222 (4) Calculus 3 PR: MATH 221**	ECE 525 (3) Electronics I PR: ECE 410** or 519**	ECE 649 (3) Comp Design 1 PR: ECE 441**	Tech Elec (6) a.	ECE 631 (3) Microcomp Sys Design PR: ECE 431, ECE 525** PR: CIS 308 or 209
CHM 210 (4) Chem I	PHYS 213 (5) Engg Physics I PR/Conc: MATH 221**	PHYS 214 (5) Engg Phys II PR: PHYS 213** PR: MATH 221**	ECE 431 (3) Microcontrollers PR: ECE 241** PR: CIS 200**	MATH 510 (3) Discrete Math PR: MATH 221**	ECE 557 (4) Electromagnetics PR: PHYS 214** PR: ECE 410** PR: MATH 222**	ECE 542 (3) Computer Networking PR: ECE 241** PR: programming language	ECE 645 (3) Digital Electronics PR: ECE 441**, ECE 525**, PR: ECE 511**
COMM 105 (2) Public Speaking	ECE 210 (3) Intro EE PR/Conc: MATH 220**	ECE 441 (3) Des Dig Sys PR: ECE 210** PR: ECE 241**	ECE 410 (3) Cir Thry I PR: MATH 221** PR: ECE 210**	ECE 511 (3) Cir Thry II PR: MATH 340** PR: ECE 410**	ECE 512 (3) Linear Sys PR: ECE 511**, ECE 540**	ECE 643 (3) CMPEN Design Lab PR: ECE 441** PR/Conc: ECE 649** PR: CIS 209 or 308**	
ECE 241 (3) Intro Cmpt Engg	CIS 200 (4) Prog Fund PR: ECE 241**	CIS 300 (3) Data/Prog Structures PR: CIS 200**	CIS 308 (1) C/C++ Lab PR: CIS 300**	CIS 400 (3) Obj Orien Design PR: CIS 300**			CIS 520 (3) Operating Sys 1 PR: ECE 431** PR: CIS 308 and CIS 400**

NOTE: PREREQUISITES ARE LISTED IN THE COURSE BLOCK.
a. Technical Electives must be selected from the list of approved technical electives.
b. Humanities and Social Science (H & SS) electrives must be selected from the list of courses approved by the College of Engineering. Students should select these courses as needed to complete the requirements for the K-State 8 Gen Ed Pgm.

** Denotes C or better must be earned in prerequisite course

Currently Enrolled Passed Retaken Failed Warning