Computer Engineering 2018-2019
Digital VLSI Circuits Track

High School Chemistry or Chemistry Placement

MAC 1140 & MAC 1114 with C or better grades

MAC 2311** Calculus I (4)

PHY 2048C** Phys for Engr I (4)

MAC 2312** Calculus II (4)

PHY 2049C** Phys for Engr II (4)

MAC 2313** Calculus III (4)

MAP 2302** Differential Equations (3)

CHS 1440** Principles of Chemistry (4)

STA 3032 Prob & Stats for Engrs (3)

EEL 3004C** Electrical Networks (3)

EEL 4781 Comp Comm Networks (3)

EEL 3123C** Networks & Systems (3)

EEE 4346C Hardware Security and Trusted Circuit Design (3) PR: EEL 3801C

EEE 4314 Device Electronics for Integrated Circuits (3) PR: EEE 3350

EEL 4783 HDL in Digital Systems Design (3) PR: EEL 3123C

EEL 4914 Senior Design I (3)

EEL 4915L Senior Design II (3)

Select 2 Senior Electives

COP 3330** Object Oriented Prog (3)

COP 3502C** Computer Science I (3)

COP 3503C** Computer Science II (3)

COT 3100C** Intro to Discrete Struct (3)

EGN 3211** Engineering Analysis and Computation (3)

EGN 3006C Intro to Engr (1)

EGN 1007C Engr Concept & Mthd (1)

Tech Electives See Advisor (15)

Tech Electives See Advisor (17)

FTIC requirement

** Grade of C (2.0) or better is required.

High School Chemistry or Chemistry Placement

CRITICAL PATH COURSES

Pending requirements

KEY PREREQUISITE:

COREQUISITE: