Computer Engineering 2022-2023
Digital VLSI Circuits Track

High School Chemistry or Chemistry Placement

MAC 1140 & MAC 1114
with C or better grades

MAC 2311**
Calculus I (4)

MAC 2312**
Calculus II (4)

MAC 2313**
Calculus III (4)

MAP 2302**
Differential Equations (3)

PHY 2048** & PHY 2048L**
Phys for Engr I (4)

PHY 2049** & PHY 2049L**
Phys for Engr II (4)

STA 3032
Prob & Stats for Engrs (3)

CHS 1440**
Principles of Chemistry (4)

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Principles of Chemistry (4)

Select 2 Senior Electives

EEL 4783 (3)
PR: EEL 3342C

EEL 4798 (3)
PR: EEL 3801C

EEE 4334 (3)
PR: COP 3503C & EEE 3342C

EEE 4346C (3)
PR: EEL 3801C

EEE 4775 (3)
PR: COP 4600 or EEL 4768 or EEL 4742C

EEE 4768
Computer Architecture (3)

EEL 3926L
Junior Design (1)

EEL 3123C**
Networks & Systems (3)

EEL 3801C**
Computer Organization (4)

EEL 4781
Comp Comm Networks (3)

EEL 4742C
Embedded Systems (3)

EEL 4781
Comp Comm Networks (3)

EEL 4761
Comp Comm Networks (3)

EEL 4914
Senior Design I (3)

EEL 4915L
Senior Design II (3)

Tech Electives
See Advisor (17)

Tech Electives
See Advisor (15)

Tech Electives
See Advisor (15)

CRITICAL PATH COURSES

KEY
PREREQUISITE:

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

FTIC requirement

EGS 1006C
Intro to Engr (1)

EGN 1007C
Engr Concept & Mthd (1)

Tech Electives
See Advisor (15)

Transfer requirement

Tech Electives
See Advisor (17)

Pending requirements

COREQUISITE: