Computer Engineering 2024-2025
Comprehensive Track

Semester 1  Semester 2  Semester 3  Semester 4  Semester 5  Semester 6  Semester 7  Semester 8

MAC1140 & MAC1114 - C or better grades

MAC 2311**
Calculus I (4)

MAC 2312**
Calculus II (4)

MAC 2313**
Calculus III (4)

MAP 2302**
Differential Equations (3)

STA 3032
Probability/Statistics (3)

EGN 1007C
Eng. Concepts and Methods (1)

EEL 3004C**
Linear Circuits I (3)

EEG 3307C
Electronics I (4)

EEL 3123C**
Linear Circuits II (3)

Tech Electives
See Advisor (12)

Tech Electives
See Advisor (14)

EGN 3420**
Engineering Analysis (3)

**PHY 2048 & **PHY 2048L
Physics for Eng 1 & Lab (4)

**PHY 2049 & **PHY 2049L
Physics for Eng 2 & Lab (4)

EEL 3342C**
Digital Systems (3)

ELE 3801C**
Computer Organization (4)

EEL 3926L
Engineering Design Foundation (1)

EEL 4742C
Embedded Systems (3)

EEL 4914
Senior Design I (3)

EEL 4915L
Senior Design II (3)

EEL 4916L
Senior Design III (3)

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

COP 3330**
Object Oriented Prog (3)

COP 3502C**
Computer Science I (3)

COP 3503C**
Computer Science II (3)

COP 4600
Operating Systems (3)

EEL 4768
Computer Architecture (3)

EEL 4781
Comp Comm Networks (3)

COP 4331C
Processes OO SW Dev (3)

CHS 1440**
Principles of Chemistry (4)

High School Chemistry or Chemistry Placement

All courses with "**" require a grade of C (2.0) or better.

KEY

PENDING REQUIREMENTS

CRITICAL PATH COURSES

PREREQUISITE:

COREQUISITE:

FTIC requirement

EGS 1000C
Intro to Engineering (1)

EGN 1007C
Eng. Concepts and Methods (1)

Tech Electives
See Advisor (12)

Transfer requirement

Tech Electives
See Advisor (14)