



**ENGS 101**  
Calculus : Single Variable (4)

**ENGS 102**  
Calculus : Multi Variable (4)

**ENGS 103**  
Linear Algebra and Ordinary Differential Equations (4)

**ENGS 104**  
Probability and Statistics (3)

**ENGS 211**  
Numerical Methods (3)

**CS 111**  
Discrete Mathematics (3)

**ENGS 131**  
Chemistry (3)

**ENGS 123**  
Electricity and Magnetism (3)

**ENGS 151**  
Circuits (3)

**ENGS 110**  
Introduction to Programming (4)

**ENGS 115**  
Data Structures and Algorithms (3)

**CS 130**  
Computer Organization (3)

**ENGS 132**  
Chemistry Lab (1)

**ENGS 124**  
Electricity and Magnetism Lab (1)

**ENGS 152**  
Circuits Lab (1)

**ENGS 251**  
Embedded Systems(3)

**ENGS 253**  
Embedded Systems Lab (1)

**ENGS 121**  
Mechanics (3)

**ENGS 141**  
Engineering Statics (3)

**ENGS 142**  
Engineering Dynamics (3)

**ENGS 252**  
Signals and Systems (3)

**ENGS 261**  
Control Systems 1 (3)

**CAPSTONE (6)**

**ENGS 122**  
Mechanics Lab (1)

**ENGS 241**  
Computer Aided Design (3)

**ENGS 265**  
Mechatronics Design (3)

**ENGS 262**  
Control Systems 1 Lab (1)