MATH 2530 or 2320
Calculus II

ECE/ENGR 2070
Electric Circuits

ECE 3040
Signals and Systems

ECE 3200
Digital Circuits

ECE 4220
Digital Signal Processing

ECE 4250
Wireless Communication

ECE 4260
Wireless Networks
(also elective for Computer Science)

ECE 4460
Image Processing
(also elective for Computer Science)

ECE 4470
Computer Vision
(also elective for Computer Science)

ECE 4570
Robotics

ECE/CMPS 4550
Applied Machine Learning
(requires Math 3200)

ECE 4240
Microprocessor Design

ECE 3340
Control Systems

Digital Communication / Signal Processing

Image Processing / Computer Vision

Robotics / Control Systems / Digital Design