

# Computer Engineering

## ECE Technical Electives 2020/21

Computer Eng. Program: 3-4 units, level 4

Computer Eng. & Society: 3-4 units, level 5

**Note: There are no “ECE Technical Electives” for the Management program**

Revised: August 25, 2020

<b>Course</b>	<b>Description</b>	<b>Term</b>	<b>Note</b>
CompEng 4EK4	Microelectronics	1	
CompEng 4OJ4	Research Project	1 & 2	
CompEng 4OH4	Advanced Research Project	1 & 2	
CompEng 4TL4	Digital Signal Processing	1	
CompEng 4TN4	Image Processing	2	
ElecEng 3FK4	Advanced Electromagnetics	1	
ElecEng 3PI4	Energy Conversion	2	
ElecEng 4BD4	Biomedical Instrumentation	1	
ElecEng 4BE4	Medical Robotics		Not offered in 2020/21
ElecEng 4CL4	Control System Design	1	
ElecEng 4EM4	Photonic Devices and Systems	2	
Engineering 4EX3	Experiential Engineering Design	1 & 2	
ElecEng 4PK4	Power Electronics	1	
ElecEng 4PN4	Electric Motor Drives	2	
ElecEng 4PP4	Smart and Micro Grids	2	
ElecEng 4TK4	Digital Communication Systems	1	
ElecEng 4TM4	Advanced Digital Communication Systems	2	
CompEng 4SL3	Fundamentals of Machine Learning	1	