

DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING
Computer Engineering - Senior Elective Package

Select 12 units at minimum from the following:

	Course	Units
ECE 420L	Digital Systems Design with Programmable Logic Lab	1
ECE 443/L	Pulse and Waveshaping Circuit Design	3, 1
ECE 520/L	System on Chip Design & Lab	
ECE 524/L	FPGA/ASIC Design & Optimization Using VHDL & Lab	3, 1
ECE 526/L	Verilog HDL for Digital Integrated Circuit Design & Lab	3, 1
ECE 527/L	Application Specific Integrated Circuit Development	3, 1
ECE 546	Very Large Scale Integrated Circuit Design	3
ECE 551	Image Processing	3
ECE 562	Data Communication Network	3
COMP 322/L	Introduction to Operating Systems and System Architecture and Lab	3, 1
COMP 380/L	Introduction to Software Engineering and Lab	2, 1
Comp 424	Computer System Security	3
Comp 429	Computer Network Software	3
COMP 522	Embedded Applications	3
Comp 529/L	Advanced Network Topics and Lab	2, 1
Comp 539	Network Infrastructure	3
Comp 581	Open Source Software	3

Note: Some elective courses have prerequisites that are not part of the required program. Other courses may be selected with the approval of the ECE Department Chair.