

Senior	Iterative Algo(419), FPGA Lab(424/425) , Adv MicroP Lab(450) , Product Design Lab(427) , Elec Design Lab(448) , CAD VLSI(491/492) , MicroFab Lab(495)		Optical Instr(403), Elec Devices(407/485/486), Quant Mechanics(459), Lasers(482), Bio-Photonics Lab(483)		Image Proc(414/415), Audio/Vis(416/445), Med Imag (432/433/434/472/473/483), DSP(435), Control Sys Lab(454) , Dig Coms(402), Info Theory(447), Error Coding(460), Machine Learning(412)		Adv ECE Team Project (452/453), Senior Design Project (498/499) , Non-ECE/CS Advanced Lab	
	Advance Senior Courses & Approved Advanced, Design Intensive Labs May Cover Multiple Areas							
Junior	↑		Prog Logic Lab 520.372		Intro Mechatronics 520.340/240		Control Systems 520.353	
	CAD VLSI 520.391		MicroP Lab 520.349		ECE Lab 520.345		Intro Info Processing 520.315	
Sophomore	Intro VLSI 520.216		Fields II/ Electromagnetic Waves 520.220		Signals & Systems 520.214		Team Design (Fre/Soph) 520.212	
	Mastering Electronics 520.230 or Circuits 520.213		Fields I/Intro. Electromagnetics 520.219		↑		Team Design (Fre/Soph) 520.211	
Freshman	Dig Sys Fund 520.142		Intro Renew Energy 520.270		Light, Image, Vision 520.150		Comp Mods for ECE 520.123	
	Intro ECE 520.137							
Required Course Selected Electives <u>Reclassified/Discontinued</u> <i>Recently Introduced</i>								