

## Electrical and Computer Engineering

Subject	New Number	Old Number	Title	Crosslisted
ECE	1001	100	Survey Modern Elec Tech	
ECE	1101	101	Electrical&Computer Engr Tools	
ECE	1110	110	Microcontroller Applic in Engr	
ECE	2001W	210W	Electrical Circuits	
ECE	2608	201	Fundamentals: Circuit Analysis	
ECE	2609W	209W	Electrical Circuit Design Lab	
ECE	3001	205	Electromagnetic Fields & Waves	
ECE	3002	220	Elec & Comp Eng. Principles	
ECE	3101	202	Signals & Systems	
ECE	3111	232	Systems Analysis	
ECE	3201	212	Elec Circ Design & Analysis	
ECE	3211	214	Power Electronics	
ECE	3221	215	Digital Integrated Circuits	
ECE	3222	213	Dig I C Design & Analysis	
ECE	3223	223	Optical Engineering	
ECE	3225	225	Optical Engineering Laboratory	
ECE	3301	272	Intro Biomedical Engineering	Yes
ECE	3311	230	Electrical Instrumentation	
ECE	3401	252	Digital Systems Design	Yes
ECE	3411	266	Microprocessor Application Lab	
ECE	3421	249	VLSI Design & Simulation	
ECE	3431	257	Numerical Meths in Scient Comp	Yes
ECE	3608	204	Electronic Devices & Circuits	
ECE	3609	261	Analog Electronic Design Lab	
ECE	3610W	262W	Switch&Digital Elec Dsgn Lab	
ECE	4079	265	Independent Design Laboratory	
ECE	4095	295	Special Topics in ECE	
ECE	4099	299	Independent Study in ECE	
ECE	4111	241	Communication Systems	
ECE	4112	242	Digital Communicat & Networks	
ECE	4113	263	Communication Sys Design Lab	
ECE	4121	234	Digital Control Systems	
ECE	4122	267	Systems Laboratory	
ECE	4131	247	Intr Digital Signal Processing	
ECE	4132	292	Info Processing Systems Lab	

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ECE	4141	227	Intr RF/Microwave Wireless Sys	
ECE	4201	240	Electronic Circuits & Appls	
ECE	4211	245	Micro/Opto-Electronic Device	
ECE	4231	228	Fiber Optics	
ECE	4232	229	Fiber Optics Laboratory	
ECE	4242	268	Micro/Opt-elec Dev&Cir Fab Lab	
ECE	4244	251	Nanotechnology II	Yes
ECE	4401	280	Digital Design Laboratory	Yes
ECE	4402	281	Digital Hardware Laboratory	Yes
ECE	4901	290	ECE Design I	Yes
ECE	4902	291	ECE Design II	Yes