

Subject	Course Number	Course Title	Prerequisites designated with a + might be taken concurrently. Courses designated with a * must be completed with a C or better	Co-requisites	Restrictions				Semester		
					FR	SO	JR	SR	Fall	Spring	Summer
EE	1105	Lab for EE 1305	none	EE 1305	✓	✓	✓	✓	✓	✓	✓
EE	1305	Intro to Electrical Engineering	MATH 1411*	EE 1105	✓	✓	✓	✓	✓	✓	✓
EE	2350	Electric Circuits I	EE 1305* AND PHYS 2421* AND MATH 1312* AND MATH 2326*	none	✓	✓	✓	✓	✓	✓	✓
EE	2351	Electric Circuits II	EE 2350* AND PHYS 2421* AND MATH 2326*	EE 2151	✓	✓	✓	✓	✓	✓	✓
EE	2151	Lab for EE 2351	EE 1105*	EE 2351	✓	✓	✓	✓	✓	✓	✓
EE	2353	Continuous Time Signals & Systems	EE 2351* AND MATH 1312* AND MATH 2326*	none	✓	✓	✓	✓	✓	✓	✓
EE	2369	Digital Systems Design I	EE 1105* AND EE 1305* OR CS 1101* AND CS 1301* OR CS 1401*	EE 2169	✓	✓	✓	✓	✓	✓	✓
EE	2169	Lab for EE 2369	EE 1105* AND EE 1305* OR CS 1101* AND CS 1301* OR CS 1401*	EE 2369	X	X	✓	✓	✓	✓	✓
EE	2372	Software Design I	CS 1320*	none	✓	✓	✓	✓	✓	✓	✓
EE	3195	Junior Professional Orientation	none	none	✓	✓	✓	✓	✓	✓	✓
EE	3321	Electromagnetic Field Theory	EE 2350* AND PHYS 2421* AND MATH 2313* AND MATH 2326* OR MATH 2326*	none	✓	✓	✓	✓	✓	✓	✓
EE	3325	Applied Quantum Mechanics for EE	EE 2350* AND PHYS 2421* AND MATH 1323* AND MATH 2326*	none	X	X	✓	X	✓	✓	✓
EE	3329	Fundamentals of Semiconductor Devices	EE 3338* AND PHYS 2421*	none	✓	✓	✓	✓	✓	✓	✓
EE	3338	Electronics I	EE 2351*	EE 3138	✓	✓	✓	✓	✓	✓	✓
EE	3138	Lab for EE 3338	EE 2151* AND EE 2351*	EE 3338	X	X	✓	✓	✓	✓	✓
EE	3340	Electronics II	EE 3338*	none	✓	✓	✓	✓	✓	✓	✓
EE	3353	Discrete Time Signals & Systems	CS 1320* AND EE 2353* AND MATH 2326*	none	✓	✓	✓	✓	✓	✓	✓
EE	3376	Microprocessor Systems I	EE 2372* AND EE 2369* AND EE 2350*	none	✓	✓	✓	✓	✓	✓	✓
EE	3176	Lab for EE 3376	EE 2169* AND EE 2369* AND EE 2372*	EE 3376	X	X	✓	✓	✓	✓	✓
EE	3384	Intro Probability w/Apps in ECE	MATH 2313* OR MATH 2326* AND EE 2353*	none	✓	✓	✓	✓	✓	✓	✓
EE	4220	Senior Project Lab I	EE 3195* AND EE 3176* AND EE 3321* AND EE 3325* AND EE 3340* AND EE 3353* AND EE 3376* AND EE 3138* AND CE 2326*	none	X	X	✓	✓	✓	✓	✓
EE	4230	Senior Project Lab II	EE 4220*	none	X	X	✓	✓	✓	✓	✓
EE	3354	Intro to Communication Networks	EE 2353* AND EE 2372*	EE 3154	X	X	✓	✓	✓	✓	✓
EE	3154	Lab for EE 3354	none	EE 3354	✓	✓	✓	✓	✓	✓	✓
EE	3372	Software Design II	EE 2372*	none	X	X	✓	✓	✓	✓	✓
EE	4342	Digital Systems Design II	EE 3376*	EE 4142	✓	✓	✓	✓	✓	✓	✓
EE	4142	Lab for EE 4342	EE 3176* AND EE 3376*	EE 4342	X	X	✓	✓	✓	✓	✓
EE	4353	VLSI Nanotechnology	EE 3329*	EE 4153	✓	✓	✓	✓	✓	✓	✓
EE	4153	Lab for EE 4353	EE 3329*	EE 4353	✓	✓	✓	✓	✓	✓	✓
EE	4359	Biomedical Signal & Image Proc	EE 3353*	none	✓	✓	✓	✓	✓	✓	✓
EE	4361	Fiber Optic Communication	EE 3438* OR EE 3338* AND EE 3321*	none	✓	✓	✓	✓	✓	✓	✓
EE	4364	Systems and Controls	EE 2351* AND EE 2353*	none	✓	✓	✓	✓	✓	✓	✓
EE	4374	Operating System Design	EE 3372*	none	X	X	✓	✓	✓	✓	✓
EE	4375	VLSI Design	EE 3338*	none	X	X	✓	✓	✓	✓	✓
EE	4377	Applied Photovoltaics	EE 3329* OR MME 3309*	none	X	X	✓	✓	✓	✓	✓
EE	4378	Microprocessor Systems II	EE 3376*	EE 4178	X	X	✓	✓	✓	✓	✓
EE	4178	Lab for EE 4378	EE 3176* AND EE 3376*	EE 4378	X	X	✓	✓	✓	✓	✓
EE	4379	Computer Architecture	EE 3376*	none	X	X	✓	✓	✓	✓	✓
EE	4382	Antenna Engineering	EE 3321*	none	X	X	✓	✓	✓	✓	✓
EE	4385	Biomedical Instrumentation	EE 3340*	EE 4185	X	X	✓	✓	✓	✓	✓
EE	4387	Intro to Power Electronics	EE 3338* AND EE 3385*	none	✓	✓	✓	✓	✓	✓	✓
EE	4388	Digital Communications	EE 3353* AND EE 3384*	none	✓	✓	✓	✓	✓	✓	✓

Concentration Courses (Subject to Change)