

Planned Course Offerings Fall 2013 to Spring 2016

Department of Electrical Engineering, University of Hawaii

The following are planned course offerings from Fall 2013 to Spring 2016. It may be subject to change.

Last updated 12/3/13 by the Department of Electrical Engineering.

Track	Course Number	Credits	Design Credits	Course Title	Fall 2013	Spring 2014	Fall 2014	Spring 2015	Fall 2015	Spring 2016
EE CORE										
	EE 160	4	0	Programming for Engineers	X	X	X	X	X	X
	EE 211	4	0.25	Basic Circuit Analysis I	X	X	X	X	X	X
	EE 213	4	0.25	Basic Circuit Analysis II	X	X	X	X	X	X
	EE 260	4	2	Introduction to Digital Design	X	X	X	X	X	X
	EE 296	1	0.5	Sophomore Project	X	X	X	X	X	X
	EE 315	3	0	Signal and Systems Analysis	X	X	X	X	X	X
	EE 323	3	1	Microelectronic Circuits I		X		X		X
	EE 323L	1	1	Microelectronic Circuits I Lab		X		X		X
	EE 324	3	0	Physical Electronics	X		X		X	
	EE 342	3	0	Probability and Statistics	X	X		X	X	X
	EE 371	3	0.5	Engineering Electromagnetics I	X		X		X	
	EE 396	2	1	Junior Project	X	X	X	X	X	X
	EE 495	1	0	Ethics in Electrical Engineering	X	X	X	X	X	X
	EE 496	3	3	Capstone Design Project	X	X	X	X	X	X
	Total:	39	9.5							
COMPUTER Engineering										
CORE	EE 205	3	1	Object Oriented Programming		X		X		X
	EE 361	3	1	Digital Systems and Computer	X		X		X	
	EE 361L	1	1	Digital Systems and Computer	X		X		X	
	EE 367	3	1.5	Computer Data Structures and Algorithms		X		X		X
	EE 367L	1	1	Computer Data Structures and Algorithms Lab		X		X		X
	EE 468	3	1.5	Introduction to Operating Systems	X		X		X	
	Total:	14	7							
ELECTIVES	EE 449	3	0	Computer Communication Networks		X			X	
	EE 406	3	1	Introduction to Computer and Network Security		X				X
	EE 461	3	1	Computer Architecture				X		
	EE 491E	3	2	Embedded Systems Design		X		X		
ELECTROPHYSICS TRACK										
CORE	EE 326	3	1	Microelectronic Circuits II	X		X		X	
	EE 326L	1	1	Microelectronic Circuits II Lab	X		X		X	
	EE 327	3	1	Theory and Design of IC Devices		X		X		X
	EE 372	3	0.5	Engineering Electromagnetics II		X		X		X
	EE 372L	1	0.5	Engineering Electromagnetics Lab		X		X		X
	Total:	11	4							
ELECTIVES	EE 328, L/426 *	3,1/3	1,1/1	Microcircuit Fabrication / Adv Si IC and Devices			X		X	
	EE 427	3	1.5	Comp Aided Circuit Design				X		X
	EE 435	3	**	Electric Power Systems	X		X		X	
	EE 438	3	**	Renewable Energy		X		X		X
	EE 470	3	**	Physical Optics	X		X			
	EE 471	3	**	Computational Electromagnetics		X		X		X
	EE 473/474/477*	3	2/0/0	Microwave Eng / Antennas / Radar, Sonar, & Nav Syst		X		X		X
EE 480	3	**	Intro to Biomed & Clinic Eng	X				X		
SYSTEMS TRACK										
CORE	EE 343	3	0.5	Introduction to Communication Systems	X		X		X	
	EE 343L	1	1	Introduction to Communication Systems Lab	X		X		X	
	EE 351	3	0.5	Feedback-Control Systems		X		X		X
	EE 351L	1	1	Feedback-Control Systems Lab		X		X		X
	EE 415	4	2	Digital Signal Processing	X		X		X	
	Total:	12	5							
ELECTIVES	EE 416/446/44x*	3	1	Intro. to Digital Image Processing / Information Theory and Coding		X		X		X
	EE 417/452*	3	0.5	Introduction to Optimization/ Digital Control Systems	X		X		X	
	EE 435	3	**	Electric Power Systems	X		X		X	
	EE 442	3	0.5	Digital Communications		X		X		X
	EE 449	3	0	Computer Communication Networks		X			X	
	EE 491B	3	0	Topics Artificial Intelligence		X		X		X

* at least one of these courses will be offered in the semester indicated

** design credits for this course TBD