

Planned Course Offerings Fall 2016 to Spring 2019

Department of Electrical Engineering, University of Hawaii

The following are planned course offerings from Fall 2016 to Spring 2019. It may be subject to change.

Last updated 4/11/2016 by the Department of Electrical Engineering.

Track	Course Number	Credits	Design Credits	Course Title	Fall 2016	Spring 2017	Fall 2017	Spring 2018	Fall 2018	Spring 2019
EE CORE										
CORE	EE 110 ***	3	0	Intro. to Engineering Computation		****		****		****
	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	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:	38/39	9.5							
COMPUTER Engineering										
CORE	EE 205	3	1	Object Oriented Programming		X		X		X
	EE 361	3	1	Digital Systems and Computer Design	X		X		X	
	EE 361L	1	1	Digital Systems and Computer Design Lab	X		X		X	
	EE 362	3	0	Discrete Math for Engineers	X		X		X	
	EE 367	3	2	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:	17	7.5							
ELECTIVES	EE 449	3	0	Computer Communication Networks	X		X		X	
	EE 406/461*	3	1/1	Introduction to Computer and Network Security / Computer Architecture		X		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	1.5	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	4.5							
ELECTIVES	EE 435	3	0.25	Electric Power Systems	X		X		X	
	EE 438	3	1	Renewable Energy		X		X		X
	EE 470	3	0	Physical Optics			X		X	
	EE 471	3	1.5	Computational Electromagnetics		X		X		X
	EE 473/474/477*	3	2/1.5/0	Microwave Eng / Antennas / Radar, Sonar, & Nav Syst	X	X	X	X	X	X
	EE 475	3	1.5	Optical Communications				X		X
EE 480	3	1	Intro to Biomed & Clinic Eng							
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 416/417/442 /445**	3	1/0.5/0.5/0.5	Intro. to Digital Image Processing / Machine Learning / Introduction to Optimization / Digital Communications / Machine Learning		X		X		X
	EE 435	3	0.25	Electric Power Systems	X		X		X	
	EE 449	3	0	Computer Communication Networks	X		X		X	

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

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

*** EE students (EP or Systems) are required to take either EE 160 or EE 110. Computer Engineering students are required to take EE 160.

**** EE 110 will be offered if faculty are available.