

# Planned Course Offerings Fall 2010 to Spring 2013

## Department of Electrical Engineering, University of Hawaii

The following are planned course offerings from Fall 2010 to Spring 2013. It may be subject to change.

Last updated 9/8/2010 by the Department of Electrical Engineering.

Track	Course Number	Credits	Design Credits	Course Title	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	
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	EE 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 496	3	3	Capstone Design Project	X	X	X	X	X	X	
	EE 495	1	0	Ethics in Electrical Engineering		X		X		X	
		<b>Total:</b>	<b>39</b>	<b>9.5</b>							
<b>COMPUTER ENGINEERING</b>											
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 366	4	2	CMOS VLSI Design		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	
		<b>Total:</b>	<b>15</b>	<b>7.5</b>							
CORE	EE 449	3	0	Computer Communication Networks	X		X		X		
	EE 491E	3	2	Embedded Systems Design				X			
	EE 461/406*	3	2	Computer Architecture /Introduction to Computer and Network Security		X		X		X	
	EE 467	3	2	Object-Oriented Software Engineering		X		X		X	
	EE 468	3	1.5	Introduction to Operating Systems							
<b>ELECTROPHYSICS TRACK</b>											
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	
		<b>Total:</b>	<b>11</b>	<b>4</b>							
CORE	EE 422	3	**	Instrumentation					X		
	EE 426	3	1	Advanced Si IC and Devices	X				X		
	EE 473	3	2	Microwave Engineering		X		X		X	
	EE 474	3	**	Antennas	X		X		X		
	EE 477	3	**	Radar, Sonar, and Navigation Systems		X		X		X	
	EE 480	3	**	Intro to Biomed & Clinic Eng	X				X		
	EE 491I	3	**	Advanced Topics in Devices		X		X		X	
	EE 491K	3	0	Introduction to Power Systems		X		X		X	
<b>SYSTEMS TRACK</b>											
CORE	EE 341	3	0.5	Introduction to Communication Systems	X		X		X		
	EE 341L	1	1	Introduction to Communication Systems Lab	X		X		X		
	EE 351	3	0.5	Linear Systems and Control		X		X		X	
	EE 351L	1	1	Linear Systems and Control Lab		X		X		X	
	EE 415	4	2	Digital Signal Processing	X		X		X		
		<b>Total:</b>	<b>8</b>	<b>3.5</b>							
CORE	EE 416	3	**	Introduction to Digital Image Processing		X		X		X	
	EE 417	3	**	Introduction to Optimization	X		X		X		
	EE 442	3	0.5	Digital Communications		X		X		X	
	EE 449	3	0	Computer Communication Networks	X		X		X		
	EE 452	3	0.5	Digital Control Systems				X		X	
	EE 491D	3	**	Special Topics in Communications			X		X		

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

\*\* design credits for this course TBD