

California State University, Chico — Electrical and Computer Engineering Dept. Four-Year Curriculum

2007/2009 Catalog

❖ BS in Electrical/Electronic Engineering ❖

Students following the program below will satisfy the requirements for the Electrical/Electronic Engineering major as well as the General Education requirement of the University. Also required: 132 semester units; 2.0 GPA required: in major (105 units), in all CSUC EECE- prefix courses, and in all CSUC courses.

FRESHMAN YEAR						SOPHOMORE YEAR					
Course No.	Title	Offered	Fall	Grade		Course No.	Title	Offered	Fall	Grade	
EECE 101	Intro to ECE	Fa/Sp	2			EECE 221	Proc .Architect./Assembly Lang. Program	Fa/Sp	3		
CHEM 111	General Chemistry(B1)	Fa/Sp	4			PHYS 204B	Electricity/Magnetism	Fa/Sp	4		
MATH 120	Anal. Geometry & Calculus (B3)	Fa/Sp	4			MATH 220	Anal. Geometry & Calculus	Fa/Sp	4		
ENGL 130	Academic Writing (A2)	Fa/Sp	3			GE	Area B2	Fa/Sp	3		
GE	Area C1, C2, or C3 (see Gen Ed)		3			HIST 130	United States History (C)	Fa/Sp	3		
				Spring	Grade					Spring	Grade
EECE 135	Algorithms & Programs for Engineers	Fa/SP		3		EECE 211	Linear Circuits I	Fa/Sp		3	
EECE 144	Logic Design Fundamentals	Fa/Sp		4		EECE 211L	Linear Circuits I Activity	Fa/Sp		1	
MATH 121	Anal. Geometry & Calculus	Fa/Sp		4		MATH 260	Elem. Differential Equations	Fa/Sp		4	
PHYS 204A	Mechanics	Fa/Sp		4		PHYS 204C	Heat/Wave Motion/Sound/Light	Fa/Sp		4	
GE	Area D1,D2, or D3 (see Gen Ed)	Fa/Sp		3		CMST 131	Speech/Comm Fundamentals (A1)	Fa/Sp		3	
						POLS 155	American Government (D)	Fa/Sp		3	
Freshman Year Units			16	18		Sophomore Year Units			17	18	

JUNIOR YEAR						SENIOR YEAR					
Course No.	Title	Offered	Fall	Grade		Course No.	Title	Offered	Fall	Grade	
EECE 311	Linear Circuits II (UT)	Fa/Sp	4			EECE 335	Project Req., Design & Testing	Fa/Sp	3		
EECE 315	Electronics I	Fa/Sp	4			CIVL 495	Lifelong Develop. For Engineers (E)	Fa/SP	3		
EECE 344	Digital Systems Design	Fa/Sp	4			EECE 482	Control Systems Design	Fa	4		
CIVL 302	Engineering Econ & Statistics (D)	Fa/Sp	3			EECE 490A	Senior Project (WP)	Fa/Sp	3		
						GE	^Upper Division Thematic	Fa/Sp	3		
				Spring	Grade					Spring	Grade
EECE 316	Electronics II	Sp		4		EECE 375	Fields and Waves	Sp		3	
EECE 343	Computer Interface Circuits	Fa/Sp		4		EECE 453	Communication Systems Design	Sp		4	
EECE 365	Continuous-Time Sig & Trans.	Fa/Sp		4		EECE 490B	Senior Project	Fa/Sp		2	
EECE 465	Digital Signal Processing	Sp		4		+	Restricted Elective	Fa/Sp		4	
						GE	^Upper Division Thematic	Fa/Sp		3	
Junior Year Units			15	16		Senior Year Units			16	16	
TOTAL UNITS									132		

+ Restricted Electives: Any approved upper-division ECE course not otherwise required, with adviser approval.

^ Upper-Division Thematic: (See GE Thematic)

General Education courses taken under Areas C1, C2, C3, D1, D2, D3 or Upper Division Thematic must include one Ethnic and one Non-Western course.

WP = Writing Proficiency course; UT = Upper-Division Thematic

September, 2007