



**California State Polytechnic University, Pomona  
DEGREE REQUIREMENT EVALUATION**

**YEAR: 2001-2002**

MAJOR ELECTRICAL ENGINEERING (5360)

NAME \_\_\_\_\_ LAST \_\_\_\_\_ FIRST \_\_\_\_\_ MI \_\_\_\_\_

UNITS REQUIRED 202

STUDENT I.D. # \_\_\_\_\_

**GENERAL EDUCATION.** Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes unless specified.

CORE COURSES	Units	Course Taken	Grade	SUPPORT COURSES	Units	Course Taken	Grade	IGE	Units	Course Taken	Grade	GENERAL EDUCATION COURSES	Units	Course Taken	Grade
<i>Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all core courses.</i>				Gen Chemistry CHM 121/121L	4			IGE 120	4			<b>Area A Communication and Critical Thinking—12 units</b>			
				Anal Geom/Calculus II MAT 115	4			IGE 121	4			1 Written Communication	4		
				Anal Geom/Calculus III MAT 116	4			IGE 122	4			2 Oral Communication	4		
				Calculus Sev Var I MAT 214	3			IGE 220	4			3 Critical Thinking	4		
				Calculus Sev Var II MAT 215	3			IGE 221	4			<b>Area B Math and Natural Sciences—16 units</b>			
				Diff Equations MAT 216	4			IGE 222	4			<i>Select at least one lab course from sub-area 2 or 3.</i>			
				Mechanics for ECE Majors ME 217	4			IGE 223	4			1 Mathematics and Quantitative Reasoning	4		
				Materials Science & Engineering MTE 208	3			IGE 224	4			2 Physical Science	4		
				Gen Physics PHY 132	3			COM 204	4			3 Biological Science	4		
				Gen Physics PHY 133/L	4			<u>ECE 311</u>	4			4 Science and Technology Synthesis	4		
				C and C+ for Programmers CS 256	4			EC 201/202	4			<b>Area C Humanities—16 units</b>			
								Area 2	16			1 Fine/Performing Arts	4		
								Area 5	8			2 Philosophy and Civilization	4		
												3 Literature and Foreign Language	4		
												4 Humanities Synthesis	4		
												<b>Area D Social Sciences—20 units</b>			
												<i>Two courses in sub-area 1, and at least one course from each of sub-areas 2, 3, and 4.</i>			
												1 U.S. History, Constitution, American Ideals	8		
												2 History, Economics, and Political Science	4		
												3 Sociology, Anthropology, Ethnic, and Gender Studies	4		
												4 Social Science Synthesis	4		
												<b>Area E Lifelong Understanding and Self-Development—4 units</b>			
												GENERAL EDUCATION (above areas)	68		
												UNRESTRICTED ELECTIVES:	20		
												<b>SUMMARY OF ADVANCED STANDING CREDIT:</b>			
												Earned Hours _____			
												G.P.A. Hours _____			
												Quality Points _____			
												G.P.A. _____			
												ELM Satisfied ___ Yes ___ No			
												EPT Satisfied ___ Yes ___ No			
												GWT Satisfied ___ Yes ___ No			
												EVALUATOR _____			
												DATE _____			
												UPDATES _____			
<b>UNITS REQUIRED:</b>	<b>94</b>			<b>UNITS REQUIRED:</b>	<b>40</b>			<b>UNITS REQUIRED:</b>	<b>68</b>						

NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE.  
A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR.

**Electrical and Computer Engineering  
CURRICULUM FLOW CHART 2001/2002**

YEAR \_\_\_\_\_

NAME: \_\_\_\_\_

	1F	1W	1S	1R	2F	2W	2S	2R	3F	3W	3S	3R	4F	4W	4S
	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING	SUMMER	FALL	WINTER	SPRING
1			1F5 ECE 109 3 1S2			1S1,1W1,2F5/6 ECE 207 3	2W1 ECE 209 3		2S1 ECE 307 3	3F1 ECE 309 4	3F1, 2S5 ECE 315 4		3S1 ECE 405 4 3W1	4F1 ECE 445L 1	ECE ELECT 4
2	AREA B3 3		ECE 129L 1 1S1				2W1 ECE 252L 1		2S1/2 ECE 253L 1	3F1 ECE 357L 1	3W1 ECE 359L 1		EGR402 4	EGR403 4	ECE ELECT 4
3	CHM 121 3 1F4	ECE 164L 1 1W4			1S5, 1W6 ME 217 4	1W2 CS256/ ECE303 4	2W1,2F5/6, 1F3 ECE 220 3 2S1		1S2,2S3 ECE 270L 1	2S1, 2S3 ECE 320 3	3W3 ECE 370L 1		2S3, 2S6, 3S4 ECE 330 3	ECE ELECT 4	ECE ELECT 4
4	CHM 121L 1 1F3	1F5 ECE 114 3 1W3				1S1/2, 1W4 ECE 204 4	2W4, 1S2 ECE 244L 1		2W4, 2S4, 2S3 ECE 341 4 3F5	3F1 ECE 308 4	2F5, 2F6, 2S5 ECE 302 4		GWT ECE 464 1 Prof.Aware	ECE ELECT 4	
5	MDPT MAT 114 4	1F5 MAT 115 4	1W5 MAT 116 4		1S5 MAT 216 4	2F5, 1S5 MAT 214 3	2W5 MAT 215 3		ECE 391L 1 3F4		ECE ELECT 4	Choice	GWT ECE 465 1 Team Proj.	4F5 ECE 466 2 Team Proj.	4W5 ECE 467 2 Team Proj.
6		1F5 PHY 131 3 1W5, 1W7	1W6 PHY 132 3 1S5, 1S7		1W6 PHY 133 3 1S5, 2F7		1F3, 1W6, 1S5 MTE 208 3		2S1 ECE 310 4	3F6 ECE 360L 1		of one	GWT ECE 463 2 Seminar	4F6 ECE 461 2 Sr. Proj.	4W6 ECE 462 2 Sr. Proj.
7		PHY 131L 1 1W6	PHY 132L 1 1S6		PHY 133L 1 2F6						ECE 311/ ENG 105 / PHL 202 4		SOC 390 / PLS 390 4		AREA E 4
8	IGE 120 4	IGE 121 4	IGE 122 4		IGE 220 4	IGE 221 4	IGE 222 4		IGE 223 4	IGE 224 4	Choice		<b>LEGEND:</b> WILL TAKE NEXT QTR	PRE-REQ COURSE# / units CO-REQ. TAKING NOW	HAVE PASSED
<del>9</del>	<del>EPT ENG 104 4</del>	AREA C1 4	AREA C2 4		EC201 or EC202 4	COM 204 4	AREA C3 4		PLS 201 4	HST 202 4	of Series				

15                      16                      16                      16                      18                      18                      18                      17                      18                      17                      15                      18