



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

YEAR: 2000-2001

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			Area 1 Comm in Eng Lang – 12 units			
				Anal Geom/Calculus II MAT 115	4			IGE 121	4			1a ENG 104	4		
				Anal Geom/Calculus III MAT 116	4			IGE 122	4			1b COM 204	4		
				Calculus Sev Var I MAT 214	3			IGE 220	4			1c ECE 311 or Elective	4		
Intro to EE ECE 109/129L	4			Calculus Sev Var II MAT 215	3			IGE 221	4			Area 2 Science/Math – 16 units			
C for Engineers ECE 114	3			Diff Equations MAT 216	4			IGE 222	4			2a MAT 114	4		
Prog for Engineers ECE 164L	1			Mechanics for ECE Majors ME 217	4			IGE 223	4			2b PHY 131/L, 132L	5		
Intro to Digital Sys I ECE 204/244L	5			Materials Science & Engineering MTE 208	3			IGE 224	4			2c Elective	3		
Network Analysis I ECE 207/252L	4			Gen Physics PHY 132	3			COM 204	4			2d ECE 302	4		
Network Analysis II ECE 209/253L	4			Gen Physics PHY 133/L	4			<u>ECE 311</u>	4			Area 3 Humanities/Social Sciences – 24 units			
Electronic Devices & Cir ECE 220	3			C and C+ for Programmers CS 256	4			EC 201/202	4			3a Elective	4		
Electronics Lab ECE 270L	1							Area 2	16			3b Elective	4		
Network Analysis III ECE 307	4							Area 5	8			3c Elective	4		
Intro Disc Time Sig Sys ECE 308	3											3d EC 201 or 202	4		
Control Systems Engr ECE 309/359L	5											3e,f PLS 390/SOC 390*	4		
Intro Pwr Engineering ECE 310/360L	5											3g Elective	4		
Intro to Commun Engineering ECE 315	4											Area 4 US Hst/Const/Ideals – 8 units			
Lin Act Circ Design ECE 320/370L	4											4a PLS 201	4		
Intro Semicond Dev ECE 330	3											4b HST 202	4		
Computer Engr I ECE 341/391L	5											Area 5 Upper Division GE – 8 units			
Comp Sim of Syst ECE 357L	1											<u>EGR 402</u>	4		
Commun Systems ECE 405/445L	5											<u>EGR 403</u>	4		
<u>either</u>															
Sr Project ECE 461	2														
Sr Project ECE 462	2														
Undergrad Seminar ECE 463	2														
<u>or</u>															
Prof. Aware ECE 464	(1)														
Team Project ECE 465	(1)														
Team Project ECE 466	(2)														
Team Project ECE 467	(2)														
*ECE U.D. Elec	24														
*Select from department's specified program of electives list with advisor's approval.															
UNITS REQUIRED:	94			UNITS REQUIRED:	40			UNITS REQUIRED:	68						

*Course satisfies two requirements.

Underlined courses satisfy both major and general education requirements.

SUMMARY OF ADVANCED STANDING CREDIT:

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 _____

Electrical and Computer Engineering

CURRICULUM FLOW CHART

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 114 3	1F5 ECE 109 3 1S2.			1S1,1W1,2F5/6 ECE 207 3	2W1 ECE 209 3		2S1 ECE 307 4	3F1 ECE 308 3	3F1, 2S5 ECE 315 4		3F1, 3S1 ECE 405 4	4F1 ECE 445L 1	ECE ELECT 4
2	AREA 2C 3	ECE 164L 1 1W1.	ECE 129 1 1S1.				2W1 ECE 252L 1		2S1/2 ECE 253L 1	3F1 ECE 357L 1	2F5/6, 2S5 ECE 302 4 3S6.		ECE ELECT 4	ECE ELECT 4	ECE ELECT 4
3	CHM 121 3 1F4.					1W2 CS 256 4	2W1, 2F5/6, 1F3 ECE 220 3		2S6/7 ECE 341 4 3F4.	2S3 ECE 320 3 3F1.	2S3, 2F4 ECE 330 3		AREA 3b 4	AREA 5 4	AREA 5 4
4	CHM 121L 1 1F3.				1S5, 1W6 ME 217 4		1W3, 1W6, 1S5 MTE 208 3		ECE 391L 1 3F3.	3F1 ECE 309 4	3W3 ECE 370L 1		SOC 390 / PLS 390 4	ECE ELECT 4	GWT, 2W4 ECE 464 1 Prof.Aware
5	MDPT MAT 114 4	1F5 MAT 115 4	1W5 MAT 116 4		1W5 MAT 216 4	1W5 MAT 214 3	2W5 MAT 215 3		1S2,2S3 ECE 270L 1		3W2/4 ECE 359L 1		GWT, 2W4,4F5 ECE 465 1 Team Proj.	4W5 ECE 466 2 Team Proj.	4W5 ECE 467 2 Team Proj.
6		1F5 PHY 131 3	1W6 PHY 132 3		1W6 PHY 133 3	1S1/2, 1W1 ECE 204 4			2S1 ECE 310 4	3F6 ECE 360L 1	ECE 352L 1 3S2.		GWT, 2W4 ECE 463 2 Seminar	4F6 ECE 461 2 Sr. Proj.	4W6 ECE 462 2 Sr. Proj.
7		PHY 151L 1 1S6.	PHY 152L 1 1S6.		PHY 153L 1 2F6.		ECE 244L 1 2S6.				ECE 311/ ENG 105 / PHL 202/ COM 216 4		LEGEND:	PRE-REQ COURSE# #units CO-REQ.	ECE ELECT 3
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			<i>For Student Marking:</i> WILL TAKE NEXT QTR TAKING NOW HAVE PASSED		
9	ENG 104 4	AREA 3a 4	AREA 3c 4		EC201/202 4	COM 204 4	AREA 3g 4		PLS 201 4	HST 202 4			Choice of Series		
	15	16	16		16	18	18		19	16	18		17	15	18