



**California State Polytechnic University, Pomona
Degree Curriculum Sheet**

Plan (Major) **ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY** Catalog Year **2015 - 2016**

Name _____

Subplan/Option _____

Minimum Units Required **191**

Student ID _____

Required Core Courses		
Course		Units
D-C Circuit Analysis & Lab	ETE 102/102L	3/1
A-C Circuit Analysis & Lab	ETE 103/103L	3/1
Semiconductor Devices and Circuits & Lab	ETE 204/204L	3/1
Electrical Circuit Analysis & Lab	ETE 210/210L	3/1
C Programming for Technology & Lab	ETT 215/215L	3/1
Intro to Digital Logic & Lab	ETE 230/230L	3/1
Electronic Mfg PCB Fabrication & Lab	ETE 272/272L	3/1
Industrial Electronics & Lab	ETE 280/280L	3/1
Electronic Devices and Circuits & Lab	ETE 305/305L	3/1
Applied Network Analysis & Lab	ETE 310/310L	3/1
Advanced Programming with C++ & Lab	ETE 312/312L	3/1
Digital Logic Systems & Lab	ETE 315/315L	3/1
Communication Systems & Lab	ETE 335/335L	3/1
Microcontroller Systems and Applications & Lab	ETE 344/344L	3/1
Feedback Systems Technology & Lab	ETE 350/350L	3/1
Tech Comm & Project Mgmt for ET & Lab	ETE 401/401L	3/1
Electronic Test Instrumentation with Lab VIEW & Lab	ETE 420/420L	3/1
Data Communication and Networking & Lab	ETE 442/442L	3/1
Total Units		72

Elective Core Courses		
Course		Units
CAD Elective (MFE 126/126L typically)		2/1
Technology Electives** (300 and 400 level courses ONLY)	ET XXX	20
Total Units		23

Required Support Courses		
Course		Units
The following required support courses should be taken to satisfy the indicated GE Requirements to achieve the minimum units to degree listed at the top of this sheet.		
General Chemistry & Lab (B3)	CHM 121/121L	3/1
Engineering, Society and You & Lab (E)	EGR 100/100L	3/1
Project Design Principles and Applications (B5)	EGR 481	2
Project Design Principles and Applications (B5)	EGR 482	2
Applied Statics	ETT 210	3
Applied Dynamics	ETT 211	3
Materials Science for Engineering Technology	ETT 217	3
Technical Calculus I (B4)	MAT 130	4
Technical Calculus II	MAT 131	4
Technical Calculus III	MAT 132	4
College Physics & Lab (B1, B3)	PHY 121/121L	3/1
College Physics & Lab	PHY 122/122L	3/1
College Physics & Lab	PHY 123/123L	3/1
Total Units		45

General Education Requirements		IGE (G.E. Alternative)
Area	Units	
Area A Communication & Critical Thinking	12	
1. Oral Communication		IGE 120 4
2. Written Communication		IGE 121 4
3. Critical Thinking		IGE 122 4
		IGE 220 4
Area B Mathematics & Natural Sciences	16	
IGE 221 4		
IGE 222 4		
IGE 223 4		
IGE 224 4		
1. Physical Science		AREA A1 4
2. Biological Science		AREA A3 4
3. Laboratory Activity		AREA B 16
4. Math/Quantitative Reasoning		AREA C1, C2 or C3 4
5. Science & Technology Synthesis		AREA C4 4
Area C Humanities	16	
1. Visual and Performing Arts		AREA D4 4
2. Philosophy and Civilization		
3. Literature and Foreign Language		
4. Humanities Synthesis		
Area D Social Sciences	20	
1. U.S. History, Constitution, American Ideals		See University Catalog for information on how IGE meets GE requirements.
a. United States History		
b. Introduction to American Government		
2. History, Economics and Political Science		
3. Sociology, Anthropology, Ethnic & Gender Studies		
4. Social Science Synthesis		
Area E Lifelong Understanding & Self Development	4	
Total	68	

American Institutions Courses that satisfy this requirement may also satisfy GE Area D1	8
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American Cultural Perspectives Requirement Refer to catalog for list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4
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All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.