



California State Polytechnic University, Pomona
Degree Curriculum Sheet

Plan (Major) **ELECTRONICS & COMPUTER ENGINEERING TECHNOLOGY** Catalog Year **2014 - 2015**
Subplan/Option _____ Minimum Units Required **191**

Name _____
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 and 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**	ET XXX	20
(300 and 400 level courses ONLY)		
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	
Area	Units
Area A Communication & Critical Thinking 1. Oral Communication 2. Written Communication 3. Critical Thinking	12
Area B Mathematics & Natural Sciences <i>Select at least one lab course from subarea 1 or 2.</i> 1. Physical Science 2. Biological Science 3. Laboratory Activity 4. Math/Quantitative Reasoning 5. Science & Technology Synthesis	16
Area C Humanities 1. Visual and Performing Arts 2. Philosophy and Civilization 3. Literature and Foreign Language 4. Humanities Synthesis	16
Area D Social Sciences 1. U.S. History, Constitution, American Ideals 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	20
Area E Lifelong Understanding & Self Development	4
Total Units	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.