

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

ACADEMIC SENATE

ACADEMIC PROGRAMS COMMITTEE

REPORT TO

THE ACADEMIC SENATE

AP-094-167

B.S. in Electrical Engineering

Academic Programs Committee

Date: 05/26/2017

Executive Committee
Received and Forwarded

Date: 05/26/2017

Academic Senate

Date: 05/31/2016
First Reading

BACKGROUND: The Department of Electrical and Computer Engineering at the College of Engineering has put forward a referral for a B.S. in Electrical Engineering for semesters. This is a revised program. The program has 127 units and will be offered on the semester calendar. The undergraduate curriculum is designed to provide a well-rounded education encompassing both theory and the practice. Students are required to take many laboratories where the practical application of classroom theory is experienced. Additionally a senior project involving design, implementation and evaluation is required. Graduates of this program are well prepared for employment in design, development, testing and applied research. Graduates of this program are also well prepared to continue their education in a graduate program.

RESOURCES CONSULTED:

Deans
Associate Deans
Department Chairs
All Faculty

DISCUSSION:

Before reaching the Academic Programs Committee, this program was reviewed by the College Curriculum Committee in the College of Engineering as well as the Dean of Engineering and the Office of Academic Programs. All concerns raised at those levels were addressed. The Academic Programs Committee then conducted campus-wide consultation, as well as its own review of the program. No concerns were raised.

RECOMMENDATION:

The Academic Programs Committee recommends approval of the semester program:
B.S. in Electrical Engineering with GE Area A3 double counted.

Electrical Engineering, B.S.: 127 units			
Status	active		
Hierarchy Entities	Electrical and Computer Engineering		
Approval Process Name	I. Program - Q2S Existing Program/Option/Minor		
Current Step	Office of Academic Programs		
Originator	Hong-Chuan Lin		
Created	12/10/2015 01:16AM		
Launched	12/10/2015 01:25AM		
Form			
General Catalog Information			
Department	Electrical and Computer Engineering		
Conversion Category:	Revised		
Proposal Type:	Program		
Describe or list changes	The program has been revised for the semester format.		
Semester Program Name (e.g. Biology, B.S., Art History, B.A.)	Electrical Engineering, B.S.: 127 units		
Program Description	<p>The Department of Electrical and Computer Engineering (ECE) offers a Bachelor of Science in Electrical Engineering (BSEE). Our undergraduate curriculum is designed to provide a well-rounded education encompassing both theory and the practice of engineering. Students are required to take many 'hands-on' laboratories where the practical application of classroom theory is experienced. Additionally, a senior project involving design, implementation, and evaluation is required of all undergraduates and often takes the form of a multidisciplinary team project. Our undergraduate students are well-prepared upon graduation to begin either a professional career or continue their education in a graduate program. Graduates from the ECE department are in demand by a broad cross-section of industry, government, public utilities and educational institutions as a result of the effective integration of theory and practical experience within the curriculum. The students are prepared for employment in design and development, test and evaluation, and applied research.</p>		
Curriculum Sheet			
Roadmap			
Two-Year Course Offering			
Assessment Plan			
Select Program	Program		
Prospective Curriculum			
Steps			
Files	Author	Date	File
	Hong-Chuan Lin	12/10/2015 01:22AM	ProgramProposalEEprogramECEDepartmentv6.docx
	Hong-Chuan Lin	12/10/2015 01:24AM	ProgramProposalEEprogramECEDepartmentv6.docx
	Ashley Ly	04/20/2017 03:20PM	Electrical_Engineering B.S._PCA_TLF_ALY_04202017.docx