ELEC 62 Course Outline as of Fall 1981

CATALOG INFORMATION

Dept and Nbr: ELEC 62   Title: ELEC CIRCUIT THEORY
Full Title: Electronic Circuits Theory
Last Reviewed: 11/5/1997

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	4.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	4.00	Lab Scheduled	2.00	17	Lab Scheduled	35.00
		Contact DHR	1.00		Contact DHR	17.50
		Contact Total	6.00		Contact Total	105.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00   Total Student Learning Hours: 210.00

Title 5 Category: AA Degree Applicable
Grading: Grade Only
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

Catalog Description:

Prerequisites/Corequisites:
Completion of ELEC 61 and ELEC 61L and ELEC 90B with a grade of 'C' or better.

Recommended Preparation:
Concurrent Enrollment in ELEC 66A

Limits on Enrollment:

Schedule of Classes Information:
Description: Application of vacuum tubes, transistors, SCR's, FET's and integrated circuits to electronic circuitry and systems with emphasis on interfacing. Parameters and characteristics of electronic components, vacuum tubes and semi-conductors in typical electronic circuits. (Grade Only)
Prerequisites/Corequisites: Completion of ELEC 61 and ELEC 61L and ELEC 90B with a grade of 'C' or better.
Recommended: Concurrent Enrollment in ELEC 66A
Limits on Enrollment:

Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer: Transferable   Effective: Fall 1981   Inactive: Fall 2009

UC Transfer: Effective: Inactive:

CID:

Certificate/Major Applicable:
Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:

Topics and Scope:

Assignment:

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None

Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving 0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None		Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill
performance exams.

None		Exams 0 - 0%

Other: Includes any assessment tools that do not logically
fit into the above categories.

None		Other Category 0 - 0%

Representative Textbooks and Materials: