

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: