

ECHT - 99 - Independent Study

Curriculum Office Use - 95/96/99

COURSE OUTLINE OF RECORD

Course Acronym:*

ECHT

Course Number:* 99

Descriptive Title:* Independent Study

Division: Industry and Technology

Course Disciplines: Electronics

Catalog Description:*

This course provides special advanced studies in a subject field of Electronics and Computer Hardware Technology not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Electronics and Computer Hardware Technology projects (54 hours per unit).

Note: Transfer limitations apply.

Prerequisite:

Co-requisite:

Recommended Preparation:

Enrollment Limitation: two courses in Electronics and Computer Hardware Technology with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

Hours Lecture (per week): 1-3

Hours Laboratory (per week): 0

Outside Study Hours:* TBA

Total Course Hours:* 18-54

Course Units: 1-3

Grading Method: Letter Grade only

Credit Status: Credit, degree applicable

Transfer CSU: Yes

Effective Date: 5/17/2004

Transfer UC: No

Effective Date: This course satisfies elective credit requirements.

General Education:
ECC

Term:

Other:

CSU GE:

Term:

Other:

IGETC:

Term:

Other:

Student Learning Outcomes:

Student Learning Outcomes are based on the scope of work described in the Independent Study Project Proposal. SLO statements and reports for this course may be obtained in the academic division office.

Course Objectives:

1. Develop research and critical thinking skills applicable to the field of Electronics and Computer Hardware Technology.
2. Enhance the ability to work independently.

Major Topics:**I. TO BE ARRANGED (18 hours, lecture)**

The topic of study and the types of projects to be included are to be developed through consultation between the student and the instructor (1 unit of credit).

OR

II. TO BE ARRANGED (36 hours, lecture)

The topic of study and the types of projects to be included are to be developed through consultation between the student and the instructor (2 units of credit).

OR

III. TO BE ARRANGED (54 hours, lecture)

The topic of study and the types of projects to be included are to be developed through consultation between the student and the instructor (3 units of credit).

Total Lecture Hours: 0

Total Laboratory Hours: 0

Total Hours: 18-54

Primary Method of Evaluation: 1) Substantial writing assignments

Typical Assignment Using Primary Method of Evaluation: The assignments will be determined by the instructor and student based on the nature of the topics under study.

Critical Thinking Assignment 1: The college level critical thinking assignments will be determined by the instructor and student, based on the nature of the topics under study.

Critical Thinking Assignment 2: n/a

Other Evaluation Methods: Other (specify)

Instructional Methods: Other (specify)

If other: Regularly scheduled conferences, evaluations, and other instructional activities.

Work Outside of Class: Other (specify)

Class:

If Other: To be determined by the number of units and the nature of the topic(s) under study.

**Up-To-Date
Representative
Textbooks:**

Required texts will be determined by the instructor and student

**Alternative
Textbooks:**

**Required
Supplementary
Readings:**

Required supplemental readings will be determined by the instructor and student.

**Other Required
Materials:**

Required materials will be determined by the instructor and student.

Requisite:

Category:

**Requisite and
Matching
skill(s):** **Bold the
requisite skill. List
the corresponding
course objective
under each skill(s).**

Requisite Skill:

**Requisite Skill and
Matching Skill(s):**
**Bold the requisite
skill(s). If applicable**

Requisite course:

**Requisite and
Matching
skill(s):** **Bold the
requisite skill. List
the corresponding
course objective
under each skill(s).**

Requisite Skill:

**Requisite Skill and
Matching skill(s):**
**Bold the requisite
skill. List the
corresponding
course objective
under each skill(s).
If applicable**

**Enrollment
Limitations and
Category:**

two courses in Electronics and Computer Hardware Technology with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

**Enrollment
Limitations Impact:**

This course satisfies elective credit requirements.

Course Created by: Walter Kahn

Date: 09/01/1989

**Original Board
Approval Date:**

**Last Reviewed
and/or Revised by:** Curriculum Chair

Date: 09/01/2021

**Last Board Approval
Date:** 10/18/2021

COURSE CODING

Acalog Course OID:

Effective Date: