



El Camino College

COURSE OUTLINE OF RECORD - Official

I. GENERAL COURSE INFORMATION

Subject and Number: Educational Development 41
Descriptive Title: Assistive Computer Technology Laboratory

Course Disciplines: Special Education

Division: Health Sciences and Athletics

Catalog Description: This computer laboratory course is designed to enhance computer skills of students with disabilities. Students will select disability specific programs and/or assistive technology suited to their particular needs and will improve their skills and competencies in personal computer usage.

Conditions of Enrollment: Recommended Preparation

Basic computer literacy skills

AND

ability to type 5 words per minute.

Course Length: Full Term Other (Specify number of weeks):

Hours Lecture: 0 hours per week TBA

Hours Laboratory: 3.00 hours per week TBA

Course Units: 1.00

Grading Method: Pass / No Pass
Credit Status Non-Degree Credit

Transfer CSU: No

Transfer UC: No

General Education:

El Camino College: _____

CSU GE: _____

IGETC: _____

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for

each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

1. Students will complete 4 learning objectives utilizing an appropriate level of independence as measured by time and task management.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at <http://www.elcamino.edu/academics/slo/>.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Demonstrate competency in using the assistive technology tool appropriate to the student's educational limitations, i.e. voice recognition, screen reader, text to speech, etc.)

Class Performance

2. Apply the concepts and learning support features within assistive technology software.

Class Performance

3. Demonstrate the ability to independently access and prepare source materials to utilize the appropriate assistive technology.

Class Performance

4. Complete co-registered course assignments by using specific, appropriate assistive technology or software.

Completion

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lab	6	I	TO BE ARRANGED Individualized Learning Objectives A. Educational limitation related to disability B. Identify assistive technology appropriate for remediation
Lab	12	II	TO BE ARRANGED Strategies for Personal Assessment of Assistive Technology A. Level of independent functioning B. Relationship to academic success in other classes C. Ease of use D. Accessibility E. Time efficiency

Lab	36	III	TO BE ARRANGED Educational Software Programs and Application A. Text to Speech (Ex. K3000, Read Write Gold) B. Screen Reader (JAWS) C. Visual / Mind Mapping (Inspiration) D. Voice Recognition (Dragon Naturally Speaking) E. Magnification (ZOOM Text)
Total Lecture Hours		0	
Total Laboratory Hours		54	
Total Hours		54	

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Skills demonstrations

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Using the Kurzweil (K3000), independently scan and read a three-page document within a 30-minute period of time.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

- Using Assistive Technology, create a Power Point presentation incorporating content, clip art, and transitions. This presentation will include a minimum of 15 slides, a title page, introduction, body, and conclusion.
- Using internet research, write a 2 page report on Assistive Technology available through community resources and compare/contrast the methods for accessing this software.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Laboratory reports
Class Performance
Other (specify):
Computer proficiency assignments

V. INSTRUCTIONAL METHODS

Demonstration
Discussion
Group Activities
Laboratory

- Multimedia presentations
- Role Play
- Simulation
- Other (please specify)
Hands-On Workshops

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Course is lab only - minimum required hours satisfied by scheduled lab time and estimated student hours outside of class per week is zero.

Estimated Independent Study Hours per Week: 0

VII. TEXTS AND MATERIALS

- A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS
- B. ALTERNATIVE TEXTBOOKS
- C. REQUIRED SUPPLEMENTARY READINGS
- D. OTHER REQUIRED MATERIALS

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification
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B. Requisite Skills

Requisite Skills

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification
Non-Course Recommended Preparation AND Basic computer literacy skills	Since the lab activities and assignments are computer-based, students need basic computer literacy and typing proficiency skills.
Non-Course Recommended Preparation ability to type 5 words per minute.	Since the lab activities and assignments are computer-based, students need basic computer literacy and typing proficiency skills.

D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
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Course created by Raymond Lovell on 04/26/1988.

BOARD APPROVAL DATE:

LAST BOARD APPROVAL DATE:

Last Reviewed and/or Revised by Julia Land on 10/11/2013

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