Course Acronym:	EDEV
Course Number:	41
Descriptive Title:	Assistive Computer Technology Laboratory
Division:	Library and Learning Resources
Department:	Educational Development
Course Disciplines:	Special Education
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. This course is designed for students with disabilities but is open to all students.
Prerequisite:	
Co-requisite:	
Recommended Preparation:	Basic computer literacy skills AND ability to type 5 words per minute.
Enrollment Limitation:	
Hours Lecture (per week):	0
Hours Laboratory (per week):	3
Outside Study Hours:	0
Total Course Hours:	54
Course Units:	1
Grading Method:	Pass/No Pass only
Credit Status:	Credit, non degree applicable
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	
Other:	
IGETC:	
Term:	
Other:	
CalGETC:	

Term:	
Other:	
Student Learning Outcomes:	**SLO #1 Community Resources** Students will demonstrate the use of appropriate Assistive Technology (AT) to compare and contrast community resources offering AT. **SLO #2 Screen Reading** Students will demonstrate the ability to use the screen reading program Read & Write Gold to review a textbook and prepare a page of study notes. **SLO #3 ECC Portal** Students will utilize the appropriate AT to logon to my ECC and navigate the portal.

Course Objectives:	1.
	
	   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.)
	   2. Apply the concepts and learning support features within assistive technology software.
	   3. Demonstrate the ability to independently access and prepare source materials to utilize the appropriate assistive technology.
	   4. Complete co-registered course assignments by using specific, appropriate assistive technology or software.

Major Topics:	**I. Individualized Learning Objectives TBA (6 hours, lab)**
	   A. Identify educational limitations related to their disability
	   B. Identify educational and assistive technology appropriate for remediation
	II. Strategies for Personal Assessment of Educational and Assistive Technology TBA (12 hours, lab)
	   A. Level of independent functioning
	   B. Relationship to academic success in other classes
	   C. Ease of use
	   D. Accessibility
	   E. Time efficiency
	III. Educational Software Programs and Application TBA (36 hours, lab)
	   A. Voice Recognition and dictation software (Ex. Dragon Naturally Speaking, MS Dictate, Google Type and Talk)
	   B. Text to Speech (Ex. K3000, Read&Write)
	   C. Notetaking Software (Ex. Otter.ai, Genio, Jamworks)
	   D. Generative AI (Ex. Notebook LM, Goblin)
	   E. Screen Reader and Magnification (Ex. Fusion)

Total Lecture Hours:	0
Total Laboratory Hours:	54
Total Hours:	54
A.1. Primary Methods of Evaluation (Part 1 - CCN courses only):	
A.2. Primary Method of Evaluation (Part 2 - all courses; choose one):	

Typical Assignment Using Primary Method of Evaluation:	Using the Kurzweil (K3000), independently scan and read a three-page document
Critical Thinking Assignment 1:	Using Educational or Assistive Technology, create a page of notes from a pre-recorded lecture
Critical Thinking Assignment 2:	Using internet research, write a report using Educational or Assistive Technology to compare and contrast community resources
Other Evaluation Methods:	
Instructional Methods:	Demonstration, Discussion, Group Activities, Multimedia Presentations, Guest Speakers
If other:	
Work Outside of Class:	Course is lab only - minimum required hours satisfied by scheduled lab time
If Other:	
Up-To-Date Representative Texts:	
Alternative Texts:	
Required Supplementary Readings:	
Other Required Materials:	
Requisite:	
Category:	
Requisite course(s): List both prerequisites and corequisites in this box.	
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:	Basic computer literacy skills and the ability to type 5 words per minute.
Requisite Skill and Matching skill(s): Bold the requisite skill. List the	Since the lab activities and assignments are computer-based, students need basic computer literacy and typing proficiency skills.

corresponding course objective under each skill(s). If applicable	
Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Raymond Lovell
Date:	04/26/1988
Original Board Approval Date:	
Last Reviewed and/or Revised by:	Julia Land
Date:	10/11/2013