

Course Outline

COURSE: CSIS 638 **DIVISION:** 30 **ALSO LISTED AS:**

TERM EFFECTIVE: Spring 2019 **CURRICULUM APPROVAL DATE:** 11/13/2018

SHORT TITLE: ACT LAB

LONG TITLE: Assistive Computer Technology Lab

Units	Number of Weeks		Contact Hours/Week		Total Contact Hours
0	18	Lecture:	0	Lecture:	0
		Lab:	1 TO 6	Lab:	18 TO 108
		Other:	0	Other:	0
		Total:	1 TO 6	Total:	18 TO 108

COURSE DESCRIPTION:

Under the direction of the faculty in the High Tech Center, students will receive assistance with the application of their specialized software, and/or hardware to the classes in which they are currently enrolled. This course is designed for students with disabilities. Course content is based on individual need. Open entry/Open Exit

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: N - Non Credit

GRADING MODES

N - Non Credit

REPEATABILITY: R - Course may be repeated

Maximum of 99 times

SCHEDULE TYPES:

04 - Laboratory/Studio/Activity

04A - Laboratory - LEH 0.65

STUDENT LEARNING OUTCOMES:

1. Demonstrate using assistive computer technologies to access computer applications and course materials in different alternate formats.

Measure of assessment: Skill demonstration, Oral report

Year assessed, or planned year of assessment: 2018

2. Identify and use adaptive equipment or software that may assist them with their mainstream coursework.

Measure of assessment: Performance exam, Self-report

Year assessed, or planned year of assessment: 2018

3. Resolve technical issues that arise when using the assistive computer technology with non-standard applications or with advanced software applications.

Measure of assessment: Performance exam, Self-report

Year assessed, or planned year of assessment: 2018

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 11/13/2018

1-6 Hours

Voice Recognition Application (e.g., Dragon NaturallySpeaking)

- a. Review and update skills in using Windows keyboard commands.
- b. Identify access issues with a non-standard application used in a specific class.
- c. Develop strategies to access menus and toolbars in non-standard windows and/or online course materials.
- d. Develop strategies to enter and edit text in non-standard windows or in online course materials.
- e. Develop strategies to complete written assignments for classes including generation and organization of ideas into an outline prior to dictation of assignment.

1-6 Hours

Screen Reader (e.g., JAWS)

- a. Review and update skills in using keyboard and JAWS commands.
- b. Identify access issues with the application used in a specific class.
- c. Develop strategies to access menus and toolbars and/or online course materials.
- d. Develop strategies to enter and edit text in non-standard windows or in online course materials.

1-6 Hours

Screen Magnification Applications (e.g., ZoomText; Magic)

- a. Review and update skills in using Windows keyboard commands.
- b. Develop strategies to access menus and toolbars in new applications and/or online course materials.

1-6 Hours

Text-to-speech Applications (e.g., Kurzweil 3000; Read and Write)

- a. Review and update skills in opening and saving a variety of file formats.
- b. Identify access issues with textbooks available in a variety of alternate formats.
- c. Identify the most appropriate text-to-speech application for use on campus and at home.
- d. Identify and apply the most appropriate study skill strategy to course materials.
- e. Review and update skills in creating audio files from textbooks and/or course materials in electronic format.
- f. Develop strategies to create an outline integrating information obtained through online research and reference sources in an appropriate format.

1-6 Hours

Alternate Media

- a. Review and update skills in accessing textbooks in a variety of alternate formats.

1-6 Hours

Academic Software a. Practice and evaluate activities related to their individual academic areas of need. b. Remediate basic academic skill deficits through individualized computer instruction. c. Complete various academic modules according to his or her individual needs.

METHODS OF INSTRUCTION:

Specialized instruction or tutoring, High Tech Center Computer lab exercises, installation and troubleshooting handouts, manuals and training materials for specialized software applications are available online and in the High Tech Center.

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 0

Assignment Description: None

METHODS OF EVALUATION:

Problem-solving assignments

Percent of total grade: 90.00 %

Students will troubleshoot the technologies.

Skill demonstrations

Percent of total grade: 10.00 %

REPRESENTATIVE TEXTBOOKS:

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Not Transferable

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: L

Noncredit Category: E

Cooperative Education:

Program Status: 2 Stand-alone

Special Class Status: S

CAN:

CAN Sequence:

CSU Crosswalk Course Department:

CSU Crosswalk Course Number:

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: E

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000598066

Sports/Physical Education Course: N

Taxonomy of Program: 493032