

Course Outline

COURSE: CSIS 570B **DIVISION:** 30 **ALSO LISTED AS:**

TERM EFFECTIVE: Spring 2021 **CURRICULUM APPROVAL DATE:** 10/13/2020

SHORT TITLE: COMPUTER ACCESS EVAL - 2

LONG TITLE: Computer Access Evaluation - Level 2

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
.5	18	Lecture:	.5	9
		Lab:	0	0
		Other:	0	0
		Total:	.5	9

COURSE DESCRIPTION:

This course is to provide additional assistive computer evaluation and training to students with disabilities. Once the appropriate computer access technology has been determined, specialized training will be provided. This is a pass/no pass course. May be repeated as necessary pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. **PREREQUISITE:** CSIS 570A **ADVISORY** This course is intended for students with a verified disability who show a need for assistive computer technologies and/or adaptive equipment or demonstrated academic deficit.

PREREQUISITES:

Completion of CSIS 570A, as UG, with a grade of C or better.

COREQUISITES:

CREDIT STATUS: C - Credit - Degree Non Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: R - Course may be repeated

Maximum of 99 times

SCHEDULE TYPES:

- 02 - Lecture and/or discussion
- 05 - Hybrid
- 71 - Dist. Ed Internet Simultaneous
- 72 - Dist. Ed Internet Delayed

STUDENT LEARNING OUTCOMES:

1. Examine his/her individual computer access strengths and weaknesses.

Measure of assessment: Oral Report

Year assessed, or planned year of assessment: 2018

2. Practice the appropriate access technologies based on his/her individual learning profile.

Measure of assessment: Oral Report

Year assessed, or planned year of assessment: 2018

3. Employ self-advocacy skills when discussing his/her assistive computer technology needs.

Measure of assessment: Oral Report; Skill Demonstration

Year assessed, or planned year of assessment: 2018

4. Evaluate the use of assistive computer technologies to access the computer.

Measure of assessment: Oral Report; Performance

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

Curriculum Approval Date: 10/13/2020 **DE MODIFICATION ONLY**

1 HOUR

Content:

Module A - Review of intake interview and an Academic Accommodations Plan (AAP) including:

1. Educational goals and objectives.
2. Existing familiarity with recommended assistive computer technologies from CSIS 570A.
3. Review of existing medical records, if appropriate.

SPO: The student will discuss the Intake Interview and evaluate his/her recommendations for computer access training.

1 HOUR

Content: Module B - 1. On the basis of the evaluation, it will be determined if the student needs additional assistive computer

technologies training available in the High Tech Center.

SPO: The student and the High Tech Center Instructor will create an educational plan, including appropriate training needs and/or academic

goals and identify the appropriate access technologies based upon his/her needs.

1 HOUR

Content:

Module C - Evaluate the need for individualized computer access training (where appropriate) in the areas such as:

1. Keyboard access capabilities.
2. General computer access.
3. Ability to manage tasks associated with the basics of access technology and computer systems.
 - a. Can the student carry out multi-part instructions'.
 - b. Can the student perform physical tasks necessary for computer use; e.g. screen reading software or voice recognition.

SPO: The student will evaluate the need for additional computer access training activities.

2 HOURS

Content: Module D - Instruct in the use of assistive computer technologies or specialized software such as:

1. Screen Reading software.
2. Voice recognition.

SPO: The student will practice activities related to computer assistive software programs.

SPO: The student will practice the necessary skills in utilizing the appropriate access technologies or specialized software programs.

2 HOURS

Content: Module E - Intermediate training in the use of assistive computer programs such as: Screen Reading and Voice Recognition.

SPO: The student will employ the necessary skills in utilizing the appropriate access technologies or specialized software programs.

2 HOURS

Content: Module F - Additional review and practice exercises for assistive computer technologies. Assessment and evaluation of utilizing the software programs.

METHODS OF INSTRUCTION:

Through evaluation and training, the student will be matched with the disability-appropriate adaptations in these areas: keyboard access, general computer access, cognitive processing abilities and educational goals. Individualized evaluation, by arrangement. A student will receive credit upon completion of the six course modules and training.

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 27

Assignment Description:

1-2 Hours

Student reviews information about their work experience, education, and current computer access recommendations. This assignment would include but not limited to past work experiences, computer access technology recommendations, medical histories and any other necessary information.

2-6 Hours

The student will create a username and password in order to log onto PLATO website. The student will practice how to navigate the website, completing pre-tests and reviewing the prescribed activities. Depending upon the student's cognitive skills and academic competencies, the student will log onto the PLATO website and complete assignments related to reading, math, language arts, computer basics and academic success.

2-17 Hours

The student will continue utilizing the assistive computer technologies or specialized software tailored to their individual needs. For example, if the student is trained in the Dragon Naturally Speaking or Dragon Dictate for the Mac, then homework exercises will be assigned from the Dragon Manual. If the student is trained in the JAWS screen reading program, then homework assignments will be assigned from the JAWS training materials. If the student is using the ZoomText or Magic screen magnification program, then homework assignments will be tailored to this software program.

2 Hours

Students complete and evaluate a Computer Access Evaluation Report which includes a summary of their progress with utilizing the recommended assistive computer technologies. If the student is a Department of Rehabilitation consumer, then he or she can share the report with the DOR counselor. If the student is a WorkAbility III student, then he or she can share the report with the WorkAbility III Counselor.

METHODS OF EVALUATION:

Skill demonstrations

Percent of total grade: 90.00 %

Skill demonstrations; Class performance

Other methods of evaluation

Percent of total grade: 10.00 %

Other methods of evaluation: Completion of the Computer Access Evaluation Report

REPRESENTATIVE TEXTBOOKS:

Items of a personal nature, e.g. mouthstick, head wand, or unique access device must be provided by the student.

Required Textbooks:

None

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Not Transferable

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

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: .5

Minimum Hours: .5

Course Control Number: CCC000557214

Sports/Physical Education Course: N

Taxonomy of Program: 493032