

**Course Outline**

**COURSE:** CSIS 571                      **DIVISION:** 30                      **ALSO LISTED AS:**

**TERM EFFECTIVE:** Spring 2016                      **Inactive Course: 04/27/2015**

**SHORT TITLE:** COMPUT ASST INSTRUC

**LONG TITLE:** Computer Assisted Instruction

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
.5 TO 2	16	Lecture:	0	0
		Lab:	1.7 TO 6.8	27.2 TO 108.8
		Other:	0	0
		Total:	1.7 TO 6.8	27.2 TO 108.8

**COURSE DESCRIPTION:**

This course is an Assistive Computer Technology Lab designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn assistive devices designed to make computers accessible. Course content is based on Student Educational Contracts which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Student Educational Contract. This is an open entry, open exit course. **ADVISORY:** This course is intended for students with a verified disability who show a need for the use of adaptive computer programs and/or equipment or demonstrated academic deficit.

**PREREQUISITES:**

**COREQUISITES:**

**CREDIT STATUS:** C - Credit - Degree Non Applicable

**GRADING MODES**

P - Pass/No Pass

**REPEATABILITY:** R - Course may be repeated

Maximum of 99 times, 100 credit hours

**SCHEDULE TYPES:**

04 - Laboratory/Studio/Activity

05 - Hybrid

72 - Dist. Ed Internet Delayed

## **STUDENT LEARNING OUTCOMES:**

1. Students will demonstrate increased knowledge and skills in the academic courses or assistive technologies specified in their Student Educational Contract.

ILO: 2,1,3,6

Measure: Skill Demonstration; Written Lab Report

2. Students will be able to identify and apply assistive technologies or academic software that are appropriate for their individual learning profiles.

ILO: 6,2,1

Measure: Oral Report; Written Report

3. Students will be able to analyze the effects of the assistive technologies or academic software on their academic achievement.

ILO: 6,2,1

Measure: Oral Report; Written Report

4. Students will be able to identify appropriate assistive technologies and apply them to the completion of their mainstreamed college courses.

ILO: 6,2

Measure: Skill Demonstration; Written Report

5. Students will demonstrate increased proficiency in basic academic and/or computer skills and/or assistive computer technologies.

ILO: 6,3,2

Measure: Pre-Post Tests; Self-Report; Lab Exercises

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

Inactive Course: 04/27/2015

The course content is individualized for each student each semester. Basic academic skill deficits are remediated through individualized computer instruction. Specific goals and percentages for progress are set for each student for each objective in the Individual Education Plan (IEP) or Student Educational Contract (SEC). As outlined in the SEC, the student should be able to demonstrate measurable progress in improving basic academic skills and/or cognitive functioning, to include:

1. Memory and reasoning
2. Language; i.e., syntax, semantics & grammar
3. Reading vocabulary and comprehension
4. Writing skills
5. Computer literacy
6. Math

\*Hours are dependent upon the number of units in which the student is enrolled.

WEEK 1 1 HOUR

Content: Orientation

1. Class requirements-including lab rules and procedures
2. Adaptation(s) and assessment of student needs

Performance Objective: Student will evaluate and identify his/her need

for computer access and/or academic software programs.

WEEK 2-3 \* HOURS

Content: Computer Fundamentals

1. Vocabulary
2. Floppy/zip disk handling
3. Software / hardware demonstration
4. Use of computer program

Performance Objective: The student will evaluate and complete activities related to computer access or tests of cognitive skills and/or academic competencies.

WEEK 4-9 \* HOURS

Content: Individual and Small Group Instruction

Some of the programs and/or equipment which may be used include: Microsoft Office\*; Skillsbank\*; Half-Qwerty\*, Dragon\*, etc.

\*The programs and equipment listed above do not limit the instructor from using other programs and equipment that may be more effective.

Performance Objective: The student will complete a series of lab exercises using the equipment and programs recommended by the instructor.

WEEK 10-17 \* HOURS

Content: Individual Practice and Assignments. Students will be given individualized assignments to complete and/or software programs to utilize with interactive capabilities. This labwork is designed to increase their skills and ability in the areas stated on the students IEP/SEC. The type of equipment and/or computer software utilized will be determined by the student's assessed strengths and weaknesses.

Performance Objective: The student will complete lab assignments according to their individual goals and apply that knowledge to their mainstreamed coursework.

WEEK 18 \* HOURS

Content: Student Evaluation

Pre- and post- assessment activities by the instructor will be based on progress criteria specified in the Individual Education Plan / Student Educational Contract. The evaluation will be based upon the monthly reports, records of completed assignments, observed behavior and skill development.

Performance Objective: The student will meet with the instructor to discuss the monthly progress reports generated by the individual programs.

#### **METHODS OF INSTRUCTION:**

1. Adaptive instructional techniques--specialized areas of instruction might include individual and/or small group instruction on methods used to: a. engage/disengage assistive software; b. adjust individual preferences.
2. Demonstration.
3. Individual assistance, additional review and practice.
4. Weekly student use of the software programs.

#### **METHODS OF EVALUATION:**

The types of writing assignments required:

Lab reports

The problem-solving assignments required:

None

The types of skill demonstrations required:

Other: Completion of assignments from college courses

The types of objective examinations used in the course:

None

Other category:

Individual discussions of the impact of the students' specific disabilities on their academic achievement.

The basis for assigning students grades in the course:

Writing assignments: 15% - 25%

Problem-solving demonstrations: 0% - 0%

Skill demonstrations: 65% - 80%

Objective examinations: 0% - 0%

Other methods of evaluation: 5% - 10%

### **REPRESENTATIVE TEXTBOOKS:**

Other Materials Required to be Purchased by the Student:

Optional: 3 1/2" floppy or zip computer disk; Case for computer disk; folder or notebook; blank 8.5 x 11 paper.

### **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:

Minimum Hours:

Course Control Number: CCC000152434

Sports/Physical Education Course: N

Taxonomy of Program: 493032