GAVILAN COLLEGE

5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: CSIS 570A DIVISION: 30 ALSO LISTED AS:

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

SHORT TITLE: COMPUTER ACCESS EVAL - 1

LONG TITLE: Computer Access Evaluation - Level 1

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

COURSE DESCRIPTION:

This course is intended to provide an in-depth computer access evaluation in order to determine an appropriate access environment for a student with a disability or multiple disabilities. This is a pass/no pass course. May repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. 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:

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
        04 - Laboratory/Studio/Activity
        05 - Hybrid
        71 - Dist. Ed Internet Simultaneous
        73 - Dist. Ed Internet Delayed LAB

STUDENT LEARNING OUTCOMES:

1. Explain his/her individual academic, cognitive and computer access strengths and weaknesses.
Measure of assessment: Oral Report
Year assessed, or planned year of assessment: 2019

2. Identify the appropriate access technologies based on his/her individual learning profile.
Measure of assessment: Oral Report
Year assessed, or planned year of assessment: 2019

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: 2019

4. Demonstrate accessing a computer through the use of assistive technologies.
Measure of assessment: Skill Demonstration; Performance
Year assessed, or planned year of assessment: 2019

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

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

1 HOUR

Content: Module A - Intake interview and review of student's history
including:

1. Educational goals and objectives.
2. Existing familiarity with computer systems, if any.
3. Review of existing medical records, if appropriate.
4. Review of academic records, if appropriate.

SPO: The student will complete the Intake Interview and evaluate his/her need for computer access and/or academic software
programs.

2 HOURS

Content: Module B - Evaluate the need for computer access or cognitive
skill assessment (where appropriate) in the areas such as:

1. Keyboard access capabilities.
2. Mobility and seating.
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. turning on computer, inserting flash drive.

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

1 HOUR

Content: Module C - Basic introduction to and trial use of access devices.

1. Adjustment of access devices based on student use.

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

1 HOUR

Content: Module D - Selection and assembly of the appropriate array of access devices based on mobility and access evaluation and/or selection

of appropriate cognitive/academic software.

SPO: The student will identify the appropriate access

technologies or cognitive software based upon his/her needs.

2 HOURS

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

1. Screen Reader

2. Voice Recognition

3. Text-to-Speech

4. Adaptive or Specialized Equipment

5. Cognitive Software Programs

6. Academic Skills Programs, etc.

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

programs.

1 HOUR

Content: Module F - Recommendations and referrals. On the basis of the evaluation in this course, the instructor will prepare a list of

appropriate assistive technologies or academic/cognitive software programs and discuss the results with the student.

SPO: The student will sign off on the computer access evaluation form, stating that he/she understands the results.

1 HOUR

Content: Module G - Development of an Computer Access Evaluation Report and Academic Accommodation Plan for students.

1. On the basis of the evaluation, it will be determined if the student can be appropriately served by the assistive technologies available in

the High Tech Center.

METHODS OF INSTRUCTION:

Through assessment and evaluation, the student may be matched with the disability-appropriate adaptations in these areas: keyboard access, general mobility and seating, cognitive processing abilities and educational goals. Individualized evaluation, by arrangement. A student will receive credit upon completion of the seven course modules and homework assignments.

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 27

Assignment Description:

2-3 Hours

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

2-3 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.

2-5 Hours

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.

2-3 Hours

The student will request their course materials in an alternate format and practice utilizing the Kurzweil 3000 program either at home or in the lab. If the student is using the Kurzweil 3000 web license at home, he or she must complete the installation of the software application. The student will use the Read the Web feature to complete the online assignments using their iLearn materials (Word, PDF & PowerPoint).

2-3 Hours

The student will practice utilizing the Read & Write program either at home or in the lab. The student will complete the necessary paperwork to install the Read & Write program at home.

2-8 Hours

The student will practice 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 academic and computer access strengths and weaknesses and the recommended assistive computer technologies. The Academic Accommodation Plan (AAP) is updated with the appropriate accommodations, and students can use this plan to request their services. 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 %

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: CCC000557215
Sports/Physical Education Course: N
Taxonomy of Program: 493032