

# BUTTE COLLEGE

## COURSE OUTLINE

### I. CATALOG DESCRIPTION

**DSPS 210 - Adaptive Computer Lab**

**0.5 Unit(s)**

**Prerequisite(s):** NONE

**Limitation on Enrollment:** Registered with DSPS or Permission of Instructor

**Recommended Prep:** Basic computer skills

**Transfer Status:** NT

25.5 hours Lab

This is a course involving the use of adaptive computer software and hardware. This course will offer disabled students the opportunity to enhance their skills on a computer via the adaptive hardware and software prescribed for them. The course will be project oriented and will provide students with an opportunity to increase their skills with the prescribed adaptive computer and application software. Pass/No Pass Only. Open Entry/Open Exit.

### II. OBJECTIVES

Upon successful completion of this course, the student will be able to:

- A. Demonstrate skills using adaptive computer hardware and software.
- B. Work independently on projects and class assignments.
- C. Use adaptive computer hardware and software and apply it to other course content.

### III. COURSE CONTENT

#### **A. Unit Titles/Suggested Time Schedule**

Lab will be individualized to the student's needs for use of adaptive computer software and hardware.

Lab	
<u>Topics</u>	<u>Hours</u>
1. Orientation to the lab	1.50
2. Adaptive Hardware: CCTV - Closed Circuit Television Adaptive Keyboards Trackball	12.00
3. Adaptive Software: Reading/Writing Software Screen Readers Voice Activated Writing Software	12.00
Total Hours	25.50

### IV. METHODS OF INSTRUCTION

- A. Demonstrations
- B. Individual Conference

### V. METHODS OF EVALUATION

- A. Demonstration

- B. Class participation
- C. Ability to use adaptive computer software and hardware

## **VI. EXAMPLES OF ASSIGNMENTS**

### **A. Reading Assignments**

1. Use adaptive computer software to read a sample essay provided by the instructor and be prepared to demonstrate to the instructor that you know how to use the technology.
2. Scan sample assignment and read it back to the instructor to demonstrate you got a clear scan.

### **B. Writing Assignments**

1. Use adaptive hardware and software to write a paragraph summarizing a sample reading assignment provided by the instructor.
2. Use adaptive computer software to write an essay about a weekend activity.

### **C. Out-of-Class Assignments**

1. Not applicable

## **VII. RECOMMENDED MATERIALS OF INSTRUCTION**

**Created/Revised by:** Carol Oba-Winslow

**Date:** 10/22/2012