

ST DV192 : * Introduction To Assistive Technology

General Information

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Course Code (CB01) :	ST DV192
Course Title (CB02) :	* Introduction To Assistive Technology
Department:	ST DV
Proposal Start:	Fall 2024
TOP Code (CB03) :	(0514.00) Office Technology/Office Computer Applications*
CIP Code:	(52.0401) Administrative Assistant and Secretarial Science, General.
SAM Code (CB09) :	Possibly Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000644327
Curriculum Committee Approval Date:	02/28/2024
Board of Trustees Approval Date:	04/16/2024
Last Cyclical Review Date:	02/28/2024
Course Description and Course Note:	ST DV 192 introduces students to the use of assistive technology. Students will learn about a variety of assistive technologies that can help individuals with disabilities to access, use, and control computer systems. This includes technologies such as screen readers, speech recognition software, text-to-speech, speech-to-text, notetaking software, and alternative input methods. Through hands-on activities and discussions, students will gain an understanding of the benefits and limitations of different types of assistive technology, as well as the ethical and social implications of their use. Note: This course is primarily designed for students who meet Title 5 eligibility requirements for Disabled Student Programs and Services (DSPS). This course may be repeated 4 times for credit.
Justification:	New Course
Academic Career:	<ul style="list-style-type: none">Credit
Author:	<ul style="list-style-type: none">Rita ZobayanMidell, David

Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none">Computer Technology (Adapted):Disabled Students Programs and Services
Alternate Discipline:	<ul style="list-style-type: none">Disabled Student Services & Programs (DSPS)
Alternate Discipline:	<ul style="list-style-type: none">Counseling: Disabled Students Programs and Services

Course Development

Basic Skill Status (CB08)

Course is not a basic skills course.

Allow Students to Gain Credit by Exam/Challenge

Course Special Class Status (CB13)

Course is designated as an "approved special class" for students with disabilities.

Pre-Collegiate Level (CB21)

Not applicable.

Grading Basis

- Grade with Pass / No-Pass Option

Course Support Course Status (CB26)

Course is not a support course

Transferability & Gen. Ed. Options

General Education Status (CB25)

Not Applicable

Transferability

Not transferable

Transferability Status

Not transferable

Units and Hours

Summary

Minimum Credit Units (CB07)	1
Maximum Credit Units (CB06)	1
Total Course In-Class (Contact) Hours	54
Total Course Out-of-Class Hours	0
Total Student Learning Hours	54

Credit / Non-Credit Options

Course Type (CB04)

Credit - Not Degree Applicable

Noncredit Course Category (CB22)

Credit Course.

Noncredit Special Characteristics

No Value

Course Classification Code (CB11)

Credit Course.

Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience

Education Status (CB10)

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	0	0
Laboratory Hours	3	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	0

Studio Hours	0	0	Laboratory	54
			Studio	0
			Total	54
Course Out-of-Class Hours				
			Lecture	0
			Laboratory	0
			Studio	0
			Total	0

Time Commitment Notes for Students

No value

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

Pre-requisites, Co-requisites, Anti-requisites and Advisories

Advisory

ABSE186 - Essentials in Reading and Writing 1 (in-development)

Objectives

- Comprehend both literature and information-based texts at a high school level.
- Read and locate details in a passage and identify the stated or unstated main idea.

AND

Advisory

ESL141 - Grammar And Writing IV

Objectives

- Compose a 400 to 450-word thesis-based essay which: (a) summarizes and cites appropriately a reading passage provided as a prompt, (b) includes a clear thesis statement, (c) uses evidence to support the thesis, (d) shows clear organization into an introduction, body, and conclusion, and (e) uses appropriate rhetorical modes such as comparison/contrast, cause/effect, and persuasion in order to support a thesis.

Entry Standards

Entry Standards

Demonstrate the ability to navigate basic computer (Windows) functions.

Demonstrate moderate keyboarding skills.

Course Limitations

Cross Listed or Equivalent Course

Description

No value

No value

Specifications

Methods of Instruction

Methods of Instruction

Demonstrations

Methods of Instruction

Discussion

Methods of Instruction

Laboratory

Methods of Instruction

Multimedia

Out of Class Assignments

- Using Assistive Technology, create a Power Point presentation incorporating content, clip art, and transitions. This presentation will include a minimum of 15 slides, a title page, introduction, body, and conclusion.
- Using internet research, write a 2-page report on Assistive Technology available through community resources and compare/contrast the methods for accessing this software.

Methods of Evaluation

Rationale

Evaluation

Pre and post-evaluations of assistive technology knowledge and utilization skills

Textbook Rationale

None

Textbooks

Author	Title	Publisher	Date	ISBN
No Value	No Value	No Value	No Value	No Value

Other Instructional Materials (i.e. OER, handouts)

No Value

Materials Fee

No value

Learning Outcomes and Objectives**Course Objectives**

Identify and describe appropriate assistive technologies and devices.

Perform computer start-up procedures while using any necessary adaptations.

Identify specific assistive technologies that address student's unique needs.

Adjust and utilize personalized settings while using assistive technology devices/platforms.

Demonstrate proper use of available storage devices/options.

Utilize other adaptations required to access computers and other technology.

SLOs

Demonstrate and utilize skills within assistive technology applications/equipment to access a computer. Expected Outcome Performance: 70.0

Use assistive technology literacy in a variety of computer programs, applications, and devices. Expected Outcome Performance: 70.0

Activate and organize personalized settings while using assistive technology. Expected Outcome Performance: 70.0

Additional SLO Information

Does this proposal include revisions that might improve student attainment of course learning outcomes?

No

Is this proposal submitted in response to learning outcomes assessment data?

No

If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.

No Value

SLO Evidence

No Value

Course Content

Lecture Content

No value

Laboratory/Studio Content

Individualized Learning Objectives (6 hours)

- Educational limitation related to disability
- Identify assistive technology appropriate for remediation

Word Processing Using an Assistive Technology Application (18 hours)

- Opening and exiting a word processing application
- Creating and editing a document (e.g. insert, delete, and modify text)
- Managing files (e.g. open, save, save as, close, print)
- Document text navigation
- Autocorrect features
- Using spell checker
- Proper removable storage and computer restart procedures

Educational Software Programs and Applications (30 hours)

- Text to Speech (Ex. Read Write Gold)
- Screen Reader (JAWS)
- Voice Recognition (Microsoft Word 365)
- Magnification (ZOOM Text)

Total hours: 54

