

ACT R011: COMPUTER-AIDED LEARNING

Originator

pcowan

College

Oxnard College

Discipline (CB01A)

ACT - Assistive Computer Technology

Course Number (CB01B)

R011

Course Title (CB02)

Computer-Aided Learning

Banner/Short Title

Computer-Aided Learning

Credit Type

Credit

Start Term

Fall 2021

Catalog Course Description

The course provides computer-assisted instruction in basic academic skills and test preparation. The course may include fundamental word processing to assist students in completion of classroom assignments such as homework and term papers.

Taxonomy of Programs (TOP) Code (CB03)

4930.30 - Learning Skills, Disabled

Course Credit Status (CB04)

C (Credit - Not Degree Applicable)

Course Transfer Status (CB05) (select one only)

C (Not transferable)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

E - Non-Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

S - The Course is an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

2 - Not Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

Will not be required

Grading method

Pass/No Pass Grading

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

8.75

Maximum Contact/In-Class Lecture Hours

8.75

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

26.25

Maximum Contact/In-Class Laboratory Hours

26.25

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

35

Total Maximum Contact/In-Class Hours

35

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Minimum Outside-of-Class Hours

17.5

Maximum Outside-of-Class Hours

17.5

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

52.5

Total Maximum Student Learning Hours

52.5

Minimum Units (CB07)

1

Maximum Units (CB06)

1

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|---|
| 1 | Use computer assisted tutorial software in specific subject/coursework areas. |
| 2 | Gain a more effective understanding of how to use word processing software. |

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|---|
| 1 | Use a computer as a tool for completing written assignments for mainstream classes. |
| 2 | Use a computer-assisted instructional program to improve designated basic academic areas. |

Course Content

Lecture/Course Content

1. Basic academic areas in need of improvement based on academic/learning disability assessment and/or interview.
2. Educational planning to improve academic areas identified.
3. Instruction in use of computer-assisted tutorials.
4. Implementation of computer assisted instructional plan.
5. Direct instruction in specific subject areas, as needed.
6. Instruction in usage of word processing software, Inspiration, and Internet.

Laboratory or Activity Content

1. Student interview to determine level of computer competence.
2. Educational plan to determine best computer programs available on campus to assist student with their learning goals and homework.
3. Instruction in use of computer-assisted tutorials.

4. Direct instruction in specific subject areas, as needed.
5. Instruction in usage of word processing software, Inspiration, and Internet.

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Skills demonstrations

Skill tests or practical examinations

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Computer-aided presentations

Class discussions

Distance Education

Demonstrations

Instructor-guided use of technology

Laboratory activities

Lecture

Describe specific examples of the methods the instructor will use:

1. Instructor will demonstrate how to use technology to support learning.
2. Using the classroom technology, instructor will have students follow along on their own computers to do things such as accessing the LMS, opening up and completing assignments, submitting assignments, accessing email, sending email, use word processing software, how to access online tutorials, and online tutoring
3. Instructor will provide recorded lectures for students to listen to and then complete activities related to the material presented in the lecture
4. Instructor will facilitate group discussion on relevant topics including: What is your biggest technology barrier to your educational success? How will it look for you when you are confident at using technology to support your education? How can the use of a word processing program enhance your work?

Representative Course Assignments

Writing Assignments

1. Weekly written summary of activities and goals met.
2. Weekly response to discussion board and at least one response to a classmates post.

Reading Assignments

1. All assignments will be completed in lab.

Skills Demonstrations

1. Ability to access assignments in the LMS and submit them successfully
2. Demonstrated ability to utilize a word processing program to improve written language
3. Demonstrate ability to utilize the software that was selected to best meet student's individualized needs

Outside Assignments

Representative Outside Assignments

1. Students will utilize technology to complete mainstream class material and assignments
2. Students will work to research and select the best software for their individualized needs
3. Students will practice fluency skills in completing written assignments and in turning them in to the right location online

Articulation

Comparable Courses within the VCCCD

ACT V25 - Assistive Computer Technology: Writing Skills

LS M02L - Writing Skills Laboratory

Textbooks and Lab Manuals**Resource Type**

Other Instructional Materials

Description

Required Individualized computer-assisted instructional programs such as: Skillsbank, Inspiration, Microsoft, and Kurzweill.

Distance Education Addendum**Definitions****Distance Education Modalities**

Hybrid (51%–99% online)

Hybrid (1%–50% online)

100% online

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact**Hybrid (1%–50% online) Modality:**

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students will participate in weekly discussion boards where they respond to prompts such as: What is the best part of working on your assignments online? Why? or, What are the 2 things about technology that cause you the most stress? Students will also respond to their classmates' posts.
Synchronous Dialog (e.g., online chat) E-mail	Students will participate in class together, either in person or online. Instructor will email students with information and reminders. Students will submit work via the LMS and email.
Other DE (e.g., recorded lectures)	Lectures will be recorded and inserted into the LMS for students to watch, and to apply the learnings to their use of technology.

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Synchronous Dialog (e.g., online chat)	Students will participate in class together, either in person or online.

E-mail	Instructor will email students with information and reminders. Students will submit work via the LMS and email.
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Synchronous Dialog (e.g., online chat)	Students will participate in class together, either in person or online.
Other DE (e.g., recorded lectures)	Lectures will be recorded and inserted into the LMS for students to watch, and to apply the learnings to their use of technology.
Telephone	Instructor may call students to conduct the one to one interviews to determine a plan to best meet the technology needs of each student.
E-mail	Instructor will email students with information and reminders. Students will submit work via the LMS and email.

Examinations

Hybrid (1%–50% online) Modality

Online
On campus

Hybrid (51%–99% online) Modality

Online
On campus

Primary Minimum Qualification

COMPUTER TECHNOLOGY (ADAPTED), DSPS

Review and Approval Dates

Department Chair

09/16/2020

Dean

09/18/2020

Technical Review

10/28/2020

Curriculum Committee

10/28/2020

DTRW-I

MM/DD/YYYY

Curriculum Committee

12/09/2020

Board

MM/DD/YYYY

CCCCO

MM/DD/YYYY

Control Number

CCC000323900

DOE/accreditation approval date

MM/DD/YYYY