

# ARCH 33: BEGINNING AUTOCAD AND SKETCHUP

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## In Workflow

1. DOD Committee Chair (estiokom@csus.edu)
2. DOD Chair (rpratt@csus.edu)
3. ALS College Committee Chair (irwin@csus.edu; j.gallegos@csus.edu)
4. ALS Dean (mwilson@csus.edu)
5. Academic Services (catalog@csus.edu)
6. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
7. Dean of Undergraduate (gardner@csus.edu)
8. Dean of Graduate (cnewsome@skymail.csus.edu)
9. Catalog Editor (catalog@csus.edu)
10. Registrar's Office (k.mcfarland@csus.edu)
11. PeopleSoft (PeopleSoft@csus.edu)

## Approval Path

1. Thu, 14 Sep 2023 17:18:54 GMT  
Mario Estioko (estiokom): Approved for DOD Committee Chair
2. Thu, 14 Sep 2023 17:51:01 GMT  
Richard Pratt (rpratt): Approved for DOD Chair
3. Wed, 20 Sep 2023 18:23:54 GMT  
Jacqueline Irwin (irwin): Approved for ALS College Committee Chair
4. Wed, 20 Sep 2023 18:24:55 GMT  
Melinda Wilson Ramey (mwilson): Approved for ALS Dean

## New Course Proposal

Date Submitted: Thu, 14 Sep 2023 04:10:43 GMT

**Viewing: ARCH 33 : Beginning AutoCAD and SketchUP**

**Last edit: Thu, 14 Sep 2023 04:10:42 GMT**

Changes proposed by: Carolyn Gibbs (101014897)

### Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Carolyn Gibbs	carolyng@csus.edu	916-278-3948

### Catalog Title:

Beginning AutoCAD and SketchUP

### Class Schedule Title:

Beginning AutoCAD and SketchUP

### Academic Group: (College)

ALS - Arts & Letters

### Academic Organization: (Department)

Design

### Will this course be offered through the College of Continuing Education (CCE)?

No

### Catalog Year Effective:

Fall 2024 (2024/2025 Catalog)

### Subject Area: (prefix)

ARCH - Architecture

### Catalog Number: (course number)

33

**Course ID: (For administrative use only.)**

TBD

**Units:**

2

**Is the only purpose of this change to update the term typically offered or the enforcement of existing prerequisites at registration?**

No

**In what term(s) will this course typically be offered?**

Fall, Spring, Summer

**Does this course require a room for its final exam?**

No, final exam does not require a room

**Does this course replace an existing experimental course?**

No

**This course complies with the credit hour policy:**

Yes

**Justification for course proposal:**

This course is part of the Department of Design's new BFA in Architectural Studies major. The Form B for this new program will be submitted concurrently.

**Course Description: (Not to exceed 80 words and language should conform to catalog copy.)**

Introductory computer-aided design (CAD) course. Focuses on using AutoCAD and SketchUp software for orthographic drawing development and three-dimensional models of buildings. Emphasis on CAD vocabulary, digital drawing/modeling conventions, and techniques. Provides practice constructing digital two-dimensional orthographic drawings and digital three-dimensional models of architectural projects.

**Are one or more field trips required with this course?**

No

**Fee Course?**

No

**Is this course designated as Service Learning?**

No

**Is this course designated as Curricular Community Engaged Learning?**

No

**Does this course require safety training?**

No

**Does this course require personal protective equipment (PPE)?**

No

**Does this course have prerequisites?**

Yes

**Prerequisite:**

ARCH 30.

**Prerequisites Enforced at Registration?**

Yes

**Does this course have corequisites?**

No

**Graded:**

Letter

**Approval required for enrollment?**

No Approval Required

**Course Component(s) and Classification(s):**

Activity

**Activity Classification**

CS#07 - Fine Arts and Science Activity (K-factor=1.3 WTU per unit)

**Activity Units**

2

**Is this a paired course?**

No

**Is this course crosslisted?**

No

**Can this course be repeated for credit?**

No

**Can the course be taken for credit more than once during the same term?**

No

**Description of the Expected Learning Outcomes and Assessment Strategies:**

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

	Expected Learning Outcome	Assessment Strategies
1	Demonstrate drawing accuracy and appropriate computer-aided design drawing technique methods.	quizzes and assignments
2	Utilize conventional 3D modeling techniques for project conceptualization	quizzes and assignments
3	Practice graphic techniques and conventions to generate floor plans and section/elevation drawings.	assignments
4	Create architectural designs using AutoCAD and SketchUp	assignments
5	Produce construction documents and portfolio-quality presentation drawings	assignments

**Attach a list of the required/recommended course readings and activities:**

ARCH 33\_INTD 30\_Syllabus\_Beginning AutoCAD and SketchUp.pdf

**For whom is this course being developed?**

Majors in the Dept

Minors in the Dept

**Is this course required in a degree program (major, minor, graduate degree, certificate?)**

Yes

**Has a corresponding Program Change been submitted to Workflow?**

No

**Identify the program(s) in which this course is required:****Programs:**

BFA in Interior Architecture

**Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?**

No

**Will there be any departments affected by this proposed course?**

No

**I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.**

I/we agree

## **University Learning Goals**

### **Undergraduate Learning Goals:**

Competence in the disciplines

**Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?**

No

## **GE Course and GE Goal(s)**

**Is this a General Education (GE) course or is it being considered for GE?**

No

Key: 14907