

ARCH 36: BEGINNING REVIT

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)
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11. PeopleSoft (PeopleSoft@csus.edu)

Approval Path

1. Thu, 14 Sep 2023 17:18:57 GMT
Mario Estioko (estiokom): Approved for DOD Committee Chair
2. Thu, 14 Sep 2023 17:50:58 GMT
Richard Pratt (rpratt): Approved for DOD Chair
3. Wed, 20 Sep 2023 19:34:52 GMT
Jacqueline Irwin (irwin): Rollback to Initiator
4. Mon, 25 Sep 2023 20:04:29 GMT
Mario Estioko (estiokom): Approved for DOD Committee Chair
5. Mon, 25 Sep 2023 22:14:22 GMT
Richard Pratt (rpratt): Approved for DOD Chair
6. Mon, 25 Sep 2023 22:18:02 GMT
Jacqueline Irwin (irwin): Approved for ALS College Committee Chair
7. Mon, 25 Sep 2023 22:20:36 GMT
Melinda Wilson Ramey (mwilson): Approved for ALS Dean
8. Mon, 30 Oct 2023 16:20:06 GMT
Katie Hawke (katedickson): Approved for Academic Services

New Course Proposal

Date Submitted: Mon, 25 Sep 2023 18:29:15 GMT

Viewing: ARCH 36 : Beginning Revit

Last edit: Mon, 25 Sep 2023 18:29:14 GMT

Changes proposed by: Carolyn Gibbs (101014897)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Carolyn Gibbs	carolyng@csus.edu	9162783948

Catalog Title:

Beginning Revit

Class Schedule Title:

Beginning Revit

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)

36

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 requisites 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.)

Introduction to Building Information Modeling (BIM) concepts and modeling techniques using Autodesk Revit. Introductory course on the basic methodology of parametric systems. Covers the fundamental principles of BIM modeling workflow. Emphasis on project setup, project modeling, view setups, and sheet layouts.

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	Define the building information modeling (BIM) framework and methodology.	Quizzes
2	Identify the vocabulary unique to BIM environments.	Quizzes
3	Demonstrate digital three-dimensional modeling competency using Revit.	Class and home activities, Design Sketches (assignments)
4	Use BIM and CAD conventions and craftsmanship to construct industry-standard architectural drawings and schedules.	Design Sketches (assignments)
5	Create architectural designs using Revit.	Design Sketches (assignments)
6	Apply BIM project setup, modeling, and presentation workflows.	Class and home activities, Design Sketches (assignments)

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

ARCH 36_INTD 36_Syllabus_Beginning Revit.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?

Yes

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

Programs:

BFA in Architecture Studies

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

Reviewer Comments:

Rebekkah Mulholland (rebekkah.mulholland) (Wed, 20 Sep 2023 18:29:05 GMT): Thanks for your submission. Please make the following changes: ELO #1- change summarize to define on syllabus too; ELO#2- change restate to identify on syllabus too; ELO #6- use another term than apply- repetitive on syllabus too - Rebekkah

Jacqueline Irwin (irwin) (Wed, 20 Sep 2023 19:34:52 GMT): Rollback: Dear Carolyn, Please see suggestions for revision from Rebekkah. Once your proposal has been revised as per their recommendations, please resubmit and send me an email so I know that your proposal is ready to move forward. Thank you, Jacqueline, ALS Curriculum Chair

Key: 14967