

# ART 143B: NEW MEDIA: 3D SCENE ANIMATION

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## In Workflow

1. ART Committee Chair (rachel.miller@csus.edu)
2. ART Chair (rclarke@csus.edu)
3. ALS College Committee Chair (irwin@csus.edu; j.gallegos@csus.edu)
4. ALS Dean (mwilson@csus.edu)
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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. Mon, 02 Oct 2023 03:52:24 GMT  
Rachel Miller (rachel.miller): Rollback to Initiator
2. Tue, 10 Oct 2023 23:02:40 GMT  
Rachel Miller (rachel.miller): Rollback to Initiator
3. Wed, 11 Oct 2023 22:39:23 GMT  
Rachel Miller (rachel.miller): Approved for ART Committee Chair
4. Wed, 11 Oct 2023 23:44:43 GMT  
Rachel Clarke (rclarke): Approved for ART Chair
5. Fri, 20 Oct 2023 00:23:41 GMT  
Jacqueline Irwin (irwin): Rollback to Initiator
6. Thu, 26 Oct 2023 16:06:27 GMT  
Rachel Miller (rachel.miller): Approved for ART Committee Chair
7. Thu, 26 Oct 2023 16:29:02 GMT  
Rachel Clarke (rclarke): Approved for ART Chair
8. Thu, 26 Oct 2023 16:35:08 GMT  
Jacqueline Irwin (irwin): Approved for ALS College Committee Chair
9. Mon, 30 Oct 2023 20:14:09 GMT  
Melinda Wilson Ramey (mwilson): Approved for ALS Dean
10. Wed, 01 Nov 2023 20:27:15 GMT  
Katie Hawke (katiedickson): Approved for Academic Services

## New Course Proposal

Date Submitted: Thu, 26 Oct 2023 15:55:39 GMT

**Viewing: ART 143B : New Media: 3D Scene Animation**

**Last edit: Thu, 26 Oct 2023 15:55:38 GMT**

Changes proposed by: Rachel Clarke (101018745)

### Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Rachel Clarke	rclarke@csus.edu	278-6166
Peter Williams	peter.williams@csus.edu	278-6166

### Catalog Title:

New Media: 3D Scene Animation

### Class Schedule Title:

New Media: 3D Scene Animation

### Academic Group: (College)

ALS - Arts & Letters

### Academic Organization: (Department)

Art

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

No

**Catalog Year Effective:**

Fall 2024 (2024/2025 Catalog)

**Subject Area: (prefix)**

ART - Art

**Catalog Number: (course number)**

143B

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

TBD

**Units:**

3

**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

**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:**

The 3D computer animation course will become two courses, 143A and 143B so that animation topics can be covered in more depth. 143A will focus on character animation, and 143B will focus on animated environments. This will offer New Media Art and Animation emphasis students more flexibility in fulfilling their major requirements. The New Media Art and Animation area intends to apply for a fee for this course.

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

Creative skills and techniques for animating 3D objects and scenes. Topics include environment building, keyframe techniques, camera and animation paths, physics effects and particle systems, cloth, fire and fluid simulations, rendering and post-production. The course focuses on the creative realization of 3D animated scenes. Includes demos, in class and homework exercises, and 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

**Course Note: (Note must be a single sentence; do not include field trip or fee course notations.)**

Can be taken twice for credit

**Does this course have prerequisites?**

Yes

**Prerequisite:**

Art 142

**Prerequisites Enforced at Registration?**

No

**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**

3

**Is this a paired course?**

No

**Is this course crosslisted?**

Yes

**Do they meet together and fulfill the same requirement?**

Yes

**Please identify the crosslisted course:**

CSc 127

**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	Describe the animation pipeline	Projects
2	Implement animated camera, keyframe, physics, particle, simulation and rendering systems and production techniques	Exercises and projects
3	Solve technical problems arising in the 3D animation process independently	Projects
4	Demonstrate technical and organizational skill in file, software, and hardware management	Exercises and projects

5 Critique 3D animation from diverse global, contemporary, and historical perspectives Peer to peer critiques, group critiques, discussion board posts

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

ART143B New Media 3D Scene Animation Example Projects.pdf  
Art143B-NewMedia3DSceneAnimation\_Syllabus.pdf

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

Majors 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:**

BA in Art

BFA in Studio Art

**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?**

Yes

**Indicate which department(s) will be affected by the proposed course:**

**Department(s)**

Computer Science

**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

**Please attach any additional files not requested above:**

CSC\_Consultation.pdf  
ART143B\_Syllabus.pdf

**Reviewer Comments:**

**Rachel Miller (rachel.miller) (Mon, 02 Oct 2023 03:52:24 GMT):** Rollback: To address Art Dept. curriculum committee feedback

**Rachel Miller (rachel.miller) (Tue, 10 Oct 2023 23:02:40 GMT):** Rollback: To address concerns about ELOs

**Samuel Williams (s.b.williams) (Thu, 19 Oct 2023 20:40:50 GMT):** Dear Professors, The committee recommends the following changes to your proposal to facilitate approval: Please indicate the course delivery type in your syllabus. Please, include the Crisis Assistance & Resource Education Support (CARES) and required Title IX language. Please, match the assessments listed in the Form A to your Syllabus more clearly. Best, Brett Williams

**Jacqueline Irwin (irwin) (Fri, 20 Oct 2023 00:23:41 GMT):** Rollback: Dear Rachel, Please see suggestions for revision from Samuel. 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: 14999