

ART 143A: NEW MEDIA: 3D CHARACTER ANIMATION

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)
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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 03:52:19 GMT
Rachel Miller (rachel.miller): Rollback to Initiator
2. Tue, 10 Oct 2023 23:02:34 GMT
Rachel Miller (rachel.miller): Rollback to Initiator
3. Wed, 11 Oct 2023 22:39:21 GMT
Rachel Miller (rachel.miller): Approved for ART Committee Chair
4. Wed, 11 Oct 2023 23:44:40 GMT
Rachel Clarke (rclarke): Approved for ART Chair
5. Wed, 18 Oct 2023 20:23:25 GMT
Jacqueline Irwin (irwin): Rollback to Initiator
6. Thu, 26 Oct 2023 16:06:24 GMT
Rachel Miller (rachel.miller): Approved for ART Committee Chair
7. Thu, 26 Oct 2023 16:28:57 GMT
Rachel Clarke (rclarke): Approved for ART Chair
8. Thu, 26 Oct 2023 16:35:56 GMT
Jacqueline Irwin (irwin): Approved for ALS College Committee Chair
9. Thu, 26 Oct 2023 22:47:14 GMT
Melinda Wilson Ramey (mwilson): Approved for ALS Dean
10. Wed, 01 Nov 2023 20:27:08 GMT
Katie Hawke (katiedickson): Approved for Academic Services

Date Submitted: Thu, 26 Oct 2023 15:55:14 GMT

Viewing: ART 143A : New Media: 3D Character Animation

Formerly known as: ART 143

Last edit: Thu, 26 Oct 2023 15:55:13 GMT

Changes proposed by: Rachel Clarke (101018745)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Peter Williams	peter.williams@csus.edu	916-278-6166
Rachel Clarke	rclarke@csus.edu	916-278-6166

Catalog Title:

New Media: 3D Character Animation

Class Schedule Title:

NewMedia 3D CharacterAnimation

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)

143A

Course ID: (For administrative use only.)

201373

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

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 & 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 computer-generated characters. Topics include body and facial animation techniques; understanding body movement; keyframing and interpolation; deformation and morphing; skeletal animation; model rigging and skinning; forward and inverse kinematics, constraints and IK solvers; cloth, hair, and fur simulation; blend shapes; soft body animation; and compositing and rendering techniques. The course focuses on completing an animated character. 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 completed twice for credit.

Does this course have prerequisites?

Yes

Prerequisite:

ART 142 or CSC 126, or equivalent experience.

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?

Yes

How many times can the course be taken (including first time passed)?

2

Total credits allowed (including first time passed)

6

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	Create rendered 3D character animations with body and facial motion	Exercises, creative projects
2	Apply skeletal rigging, binding, keyframing, blend shapes and interpolation for character movement	Exercises and creative projects
3	Solve technical problems arising in the animation process independently	Creative projects

4	Critique 3D character animation from diverse global, contemporary, and historical perspectives	Critique, verbal and written discussion
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Attach a list of the required/recommended course readings and activities:

ART143A_ExampleProjects.pdf
ART143A_ExampleScreenings.pdf

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

No

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
ART143A_Syllabus.pdf

Reviewer Comments:

Rachel Clarke (rclarke) (Tue, 05 Sep 2023 19:07:40 GMT): NMAA: 3D Character Animation (remove the A after Animation)

Rachel Miller (rachel.miller) (Mon, 02 Oct 2023 03:52:19 GMT): Rollback: To address Art Dept. curriculum committee feedback

Rachel Miller (rachel.miller) (Tue, 10 Oct 2023 23:02:34 GMT): Rollback: To address concerns about ELOs

Emily Potts (emily.potts) (Wed, 18 Oct 2023 19:34:09 GMT): Dear Professors, The committee recommends the following changes to your proposal to facilitate approval: Please revise ELO 4 to: Critique 3D character animation from diverse global, contemporary, and historical perspectives Please indicate the course delivery type in your syllabus. If it is also missing, please include a section for the instructor's name, office hours, course times/days etc. as noted on our Syllabus template under our A&L Curriculum Resources page. 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, Emily Potts

Jacqueline Irwin (irwin) (Wed, 18 Oct 2023 20:23:25 GMT): Rollback: Dear Rachel, Please see suggestions for revision from Emily. 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