

ART 198: NEW MEDIA: PHYSICAL COMPUTING

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)
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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 03:53:03 GMT
Rachel Miller (rachel.miller): Rollback to Initiator
2. Tue, 10 Oct 2023 23:03:07 GMT
Rachel Miller (rachel.miller): Rollback to Initiator
3. Wed, 11 Oct 2023 22:39:34 GMT
Rachel Miller (rachel.miller): Approved for ART Committee Chair
4. Wed, 11 Oct 2023 23:41:12 GMT
Rachel Clarke (rclarke): Approved for ART Chair
5. Thu, 12 Oct 2023 01:09:38 GMT
Jacqueline Irwin (irwin): Rollback to Initiator
6. Thu, 12 Oct 2023 01:33:24 GMT
Rachel Miller (rachel.miller): Approved for ART Committee Chair
7. Thu, 12 Oct 2023 01:50:22 GMT
Rachel Clarke (rclarke): Approved for ART Chair
8. Wed, 18 Oct 2023 20:25:56 GMT
Jacqueline Irwin (irwin): Rollback to Initiator
9. Thu, 26 Oct 2023 14:39:15 GMT
Rachel Miller (rachel.miller): Approved for ART Committee Chair
10. Thu, 26 Oct 2023 16:29:19 GMT
Rachel Clarke (rclarke): Approved for ART Chair
11. Thu, 26 Oct 2023 16:39:50 GMT
Jacqueline Irwin (irwin): Approved for ALS College Committee Chair
12. Mon, 30 Oct 2023 20:15:04 GMT
Melinda Wilson Ramey (mwilson): Approved for ALS Dean
13. Wed, 01 Nov 2023 23:09:49 GMT
Katie Hawke (katiedickson): Approved for Academic Services

Date Submitted: Thu, 26 Oct 2023 05:11:52 GMT

Viewing: ART 198 : New Media: Physical Computing

Last edit: Thu, 26 Oct 2023 05:11:50 GMT

Changes proposed by: Peter Williams (219179091)

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: Physical Computing

Class Schedule Title:

New Media: Physical Computing

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)

198

Course ID: (For administrative use only.)

103196

Units:

3

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

Does this course require a room for its final exam?

No, final exam does not require a room (Last Class)

This course complies with the credit hour policy:

Yes

Justification for course proposal:

ART 198 now incorporates a greater integration of installation and performance art practices and group work with physical computing. The change of focus has led to the development of different learning outcomes, teaching methods, assignments, projects and content.

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

Creation of interactive art using physical computing techniques, integrating installation and realtime media performance. Students work on individual and collaborative projects that include the use of LEDs, multichannel projection mapping, robotics, digital fabrication, and sensors.

Are one or more field trips required with this course?

No

Fee Course?

Yes

Is this course designated as Service Learning?

No

Is this course designated as Curricular Community Engaged Learning?

No

Does this course require safety training?

Yes

Does this course require personal protective equipment (PPE)?

Yes

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 97, 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?

No

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	Define the components and operation of an interactive environment or live performance system	Discussion, critiques
2	Differentiate forms and experiences of interaction in relation to physical materials, objects and spaces	Projects, discussion, critiques
3	Critique works of New Media Art that employ interactivity, performance, physical computing, and data processing	Discussion, critiques

4	Design computational systems with electronic circuits, microcontrollers, coding and input/output devices through individual and collaborative work	Projects, discussion
5	Recognize the contributions of a diverse range of artists	Discussion, critiques

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

RecommendedTexts_198.pdf
 ART198_ExampleProjects.pdf
 ART198_Readings&Screenings.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)**

Department of Design

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:

Consultation_DesignNMAA.pdf
 ART198-NewMediaPhysicalComputing_Syllabus.pdf

Reviewer Comments:

Rachel Miller (rachel.miller) (Mon, 02 Oct 2023 03:53:03 GMT): Rollback: To address Art Dept. curriculum committee feedback

Rachel Miller (rachel.miller) (Tue, 10 Oct 2023 23:03:07 GMT): Rollback: To address concerns about ELOs

Jacqueline Irwin (irwin) (Thu, 12 Oct 2023 01:09:38 GMT): Rollback: Rolling back at the request of the author.

Emily Potts (emily.potts) (Wed, 18 Oct 2023 19:24:47 GMT): Dear Professors, The committee recommends the following changes to your proposal to facilitate approval: 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 20:25:56 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