

SM3806: SPECIAL TOPICS IN ART AND SCIENCE STUDIO I

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

Special Topics in Art and Science Studio I

Subject Code

SM - School of Creative Media

Course Number

3806

Academic Unit

School of Creative Media (SM)

College/School

School of Creative Media (SM)

Course Duration

One Semester

Credit Units

6

Level

B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course aims to provide a broader exploration of one or more topics in Art & Sciences. The topic and content of this course varies from semester to semester. Relevant topics may include (but not limited to) Sound Art, Bio Art, Art in Laboratory or other specific areas of arts and culture related subjects in the Art & Science.

Course Intended Learning Outcomes (CILOs)

CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Critically analyze issues and ideas discussed in the course	x	x	
2	Create and design work with artistic vision		x	x
3	Execute knowledge and techniques relevant to the topic of the course with competence			x
4	Develop sustainable professional connection to the industry		x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Lecture	Lectures, demonstrations, and class discussion	1, 3, 4
2	Proposal	Concept development and research on related topics	2
3	Workshop and implementation	Hands-on exercises and execution of ideas in a team	2, 3
4	Critique	Student presentations and discussions	1, 4

Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?	
1	Coursework assignments	1, 2, 3, 4	80	Specific assessment tasks and weightings may vary from semester to semester.	No

2	GenAI integration assignments	1, 2, 3, 4	20	Specific assessment tasks and weightings may vary from semester to semester. These assessment tasks will focus on the integration of GenAI tools within various media authoring environments.	Yes
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Continuous Assessment (%)

100

Examination (%)

0

Examination Duration (Hours)

0

Minimum Continuous Assessment Passing Requirement (%)

0

Minimum Examination Passing Requirement (%)

0

Assessment Rubrics (AR)**Assessment Task**

1. Coursework

Criterion

Critical understanding of the topic(s) discussed in the course, ability to practice it creatively, and critical understanding of the relevant scientific/technological concepts.

Excellent (A+, A, A-)

- Work has strong affective quality and articulation of personal styles and signature.
- Excellent appreciation, exploration and/or application of the aesthetic and expressive qualities of scientific technologies.
- Work raises questions and instill insights about the role of science in the process of conception, creative strategization and production.
- Innovative exploration by combining knowledge from different disciplines to create an interdisciplinary project.
- Efficient adjustment of plans and strategies in response to resources (time, space, equipment, etc) available with constructive adjustment.

Good (B+, B, B-)

- Strong appreciation, exploration and/or application of the aesthetic and expressive qualities of the medium.
- Ability to create project/work that demonstrate the processes of thinking and creative exploration of scientific concepts and processes.
- Proper adjustment of plans and strategies in response to resources (time, space, equipment, etc) available and constructive feedback/ suggestions.

Fair (C+, C, C-)

- Basic appreciation and/or application of the aesthetic and expressive qualities of the medium.

- Limited ability to create project/ work that demonstrates the integration of scientific concepts and methods.
- Adjustment of plans and strategies in response to resources (time, space, equipment, etc) available.

Marginal (D)

- Marginal appreciation of the aesthetic and expressive qualities of the medium.
- Marginal ability to create project/work that demonstrate the processes of thinking and creative exploration through the integration of interdisciplinary concepts and methods.
- Limited adjustment of plans and strategies in response to resources (time, space, equipment, etc) available.

Failure (F)

- No appreciation of the aesthetics and expressive qualities of the medium.
- Fail to create project/ work that demonstrate the processes of thinking through the integration of art and science.
- Minimal adjustment of plans and strategies in response to resources (time, space, equipment, etc) available.

Additional Information for AR

All A+/A/A- grade assignment should comply with the highest performance of Discovery-oriented learning.

Part III Other Information

Keyword Syllabus

To be determined on a case-by-case basis.

Reading List

Compulsory Readings

Title	
1	To be determined on a case-by-case basis.

Additional Readings

Title	
1	To be determined on a case-by-case basis.