



UNSW Course Outline

DART2252 Emerging Technologies Studio - 2024

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General Course Information

Course Code : DART2252

Year : 2024

Term : Term 3

Teaching Period : T3

Is a multi-term course? : No

Faculty : Faculty of Arts, Design and Architecture

Academic Unit : School of Art & Design

Delivery Mode : In Person

Delivery Format : Standard

Delivery Location : Paddington

Campus : Paddington

Study Level : Undergraduate

Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

This studio elective focuses on conceiving, researching, and realising creative works that employ emerging media technologies. Emerging technologies are on the cusp of widespread adoption; there is no user manual. To respond, this course invites students from a range of backgrounds to

work in a collaborative studio environment that fosters interdisciplinary and experimental approaches. By introducing you to the concepts, skills, and methods of the "creative technologist", this course will enable you to work effectively and creatively in a landscape of rapidly evolving media technologies. Throughout the course, you will develop skills in experimentation and creative research by working with the latest creative technologies through project-based learning. As you develop your own creative projects, you will be encouraged to explore, interrogate, and integrate current innovations in media technologies, such as real-time, generative, AI, and interactive systems, thereby enhancing the conceptual and technical scope of your creative practice.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Apply creative skills and techniques to produce media-based artworks using emerging technologies
CLO2 : Systematically experiment with emerging media technologies to explore concepts relevant to interdisciplinary and artistic contexts
CLO3 : Plan, implement and document innovative creative projects using emerging media technologies in a collaborative studio environment

Course Learning Outcomes	Assessment Item
CLO1 : Apply creative skills and techniques to produce media-based artworks using emerging technologies	<ul style="list-style-type: none"> • Research and Development • Final Project
CLO2 : Systematically experiment with emerging media technologies to explore concepts relevant to interdisciplinary and artistic contexts	<ul style="list-style-type: none"> • Research and Development • Final Project
CLO3 : Plan, implement and document innovative creative projects using emerging media technologies in a collaborative studio environment	<ul style="list-style-type: none"> • Research and Development • Final Project

Learning and Teaching Technologies

Moodle - Learning Management System

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Research and Development Assessment Format: Individual	40%	Due Date: 11/10/2024 06:00 PM
Final Project Assessment Format: Individual	60%	Start Date: Not Applicable Due Date: 18/11/2024 06:00 PM

Assessment Details

Research and Development

Assessment Overview

For this assessment, you will undertake creative research and development for a larger project by engaging with artistic precedents as well as through your own experimental studies. Depending on your background these may be related to either technological or aesthetic affordances of the relevant emerging technologies. Your research and development should provide evidence of peer-based processes that help you gather feedback in the ideation phase.

Formative feedback will be provided in class and summative feedback will be provided online.

Course Learning Outcomes

- CL01 : Apply creative skills and techniques to produce media-based artworks using emerging technologies
- CL02 : Systematically experiment with emerging media technologies to explore concepts relevant to interdisciplinary and artistic contexts
- CL03 : Plan, implement and document innovative creative projects using emerging media technologies in a collaborative studio environment

Detailed Assessment Description

Emerging Technologies can help streamline the digital media production process and enhance the way we share our stories. For this assessment you will choose from a provided theme and create a narrative (fiction or non-fiction) for a digital production which utilises one or more emerging media technologies tools and techniques.

Assessment 1 is the initial research and planning phase which will form the basis of Assessment 2, where you will develop and finalise your work using a range of software from this or other courses.

To begin, choose a format and theme for your narrative & research this. Document your research

with relevant references in a moodboard. Then create storyboard frames to communicate the narrative, before compiling this research & development for submission.

Formats can include: Short film, VFX & realtime shots, Matte Painting, Sound mix, Podcast, Vlogcast, Concept art/Illustration, 3D renders, Social media reels/Shorts.

Submission notes

Electronic Submission of PDF file via Moodle, 6pm Friday 11th October (Week 5)

Assignment submission Turnitin type

Not Applicable

Generative AI Permission Level

Generative AI Software-based Assessments

This assessment is designed for you to use generative AI as part of the assessed learning outcomes. Please refer to the assessment instructions for more details.

For more information on Generative AI and permitted use please see [here](#).

Final Project

Assessment Overview

For this assessment, you will produce a resolved creative work or system that responds to the project brief. To do so, you will build iteratively and incrementally on your earlier research and development and creative experiments. You are encouraged to integrate peer feedback throughout your creative process, as well as document the ways you are using emerging media technologies in new ways. Speculative and experimental outcomes are welcome.

Formative feedback will be provided in class and summative feedback will be provided online.

Course Learning Outcomes

- CL01 : Apply creative skills and techniques to produce media-based artworks using emerging technologies
- CL02 : Systematically experiment with emerging media technologies to explore concepts relevant to interdisciplinary and artistic contexts
- CL03 : Plan, implement and document innovative creative projects using emerging media technologies in a collaborative studio environment

Detailed Assessment Description

For this assessment you will draw on your research & development from assessment 1 to create your final narrative work in your chosen theme and format. You may use a combination of this

course's software and any other to complete this assessment.

The Emerging Technology tools, artistic principles, camera/sound techniques and software knowledge studied in this course must be incorporated in your final assessment. You are encouraged to approach this task creatively and iteratively, seeking feedback along the way.

The assessment submission includes a video file, journal and 300-word written reflection uploaded to Moodle.

Submission notes

Electronic Submission of Journal in PDF format & .Mov file to Moodle, 6pm Friday 24th November (Week 11)

Assignment submission Turnitin type

Not Applicable

Generative AI Permission Level

Generative AI Software-based Assessments

This assessment is designed for you to use generative AI as part of the assessed learning outcomes. Please refer to the assessment instructions for more details.

For more information on Generative AI and permitted use please see [here](#).

General Assessment Information

Grading Basis

Standard

Requirements to pass course

50% or more

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Studio	Text to Image Generation
Week 2 : 16 September - 22 September	Studio	Editing Part 1
Week 3 : 23 September - 29 September	Studio	Motion Graphics
Week 4 : 30 September - 6 October	Studio	Editing Part 2
Week 5 : 7 October - 13 October	Studio	AI for Sound Assessment 1, Research and Development due: Electronic Submission via Moodle 6pm Friday, Week 5 (Friday 13th October)
Week 6 : 14 October - 20 October	Other	Study Week
Week 7 : 21 October - 27 October	Studio	Unreal Engine 1
Week 8 : 28 October - 3 November	Studio	Unreal Engine 2
Week 9 : 4 November - 10 November	Studio	Introduction to Virtual production
Week 10 : 11 November - 17 November	Studio	Emerging technology careers Assessment Works in Progress Feedback & Review Assessment 2, The Grand Finale due: Electronic Submission via Moodle 6pm Friday, Week 11 (24th November)

Attendance Requirements

Attendance Requirements

Students are expected to attend all classes for each course in which they are enrolled. Failure to attend and participate in at least 80% of learning activities such as discussions, peer feedback, studio sessions, online activities, group work, etc., may result in you being flagged as at risk of failing the course. By punctually attending and actively participating in your classes you not only increase your own opportunities for developing your skills and knowledge, but will also help build a rigorous and engaged creative community with other students. If you are unable to attend classes, please inform your relevant Course Convenor. If the absence is for medical reasons, you will be required to present a medical certificate. If absences impact your ability to undertake assessment, then you should apply for [Special Consideration](#).

General Schedule Information

Key Assessment Dates:

Assessment 1: 6pm Friday, Week 5 (Friday 11th October)

Assessment 2: 6pm Monday, Week 11 (18th November)

Course Resources

Course Evaluation and Development

It is important that students complete the myExperience course and teaching surveys for this course. This is completely anonymous and provides important student observations and suggestions to ensure that the course is continually improved. To see how the course convenor has responded to student feedback from these surveys, please see the View Feedback on Student Surveys section in the course Moodle site.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Nicole Mather		Paddington			No	Yes

Other Useful Information

Academic Information

For essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Student equity and disability;
- Special Consideration in the event of illness or misadventure;
- Examination information;
- Review of results;

Please see: <https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support/protocols-guidelines>

Academic Honesty and Plagiarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

- Copying: Using the same or very similar words to the original text or idea without

acknowledging the source or using quotation marks. This includes copying materials, ideas or concepts from a book, article, report or other written document, presentation, composition, artwork, design, drawing, circuitry, computer program or software, website, internet, other electronic resource, or another person's assignment without appropriate acknowledgement.

- Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original information, structure and/or progression of ideas of the original without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit and to piecing together quotes and paraphrases into a new whole, without appropriate referencing.
- Collusion: Working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student for the purpose of them plagiarising, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.
- Inappropriate citation: Citing sources which have not been read, without acknowledging the "secondary" source from which knowledge of them has been obtained.
- Duplication ("self-plagiarism"): Submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another university.

The UNSW Academic Skills support offers resources and individual consultations. Students are also reminded that careful time management is an important part of study. One of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and proper referencing of sources in preparing all assessment items. UNSW Library has the ELISE tool available to assist you with your study at UNSW. ELISE is designed to introduce new students to studying at UNSW, but it can also be a great refresher during your study.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your needs
- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library

Use of AI for assessments

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Where the use of AI tools, such as ChatGPT, has been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work.

In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply.

[Use of AI for assessments | UNSW Current Students](#)

Submission of Assessment Tasks

Assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment. In instances where this is not possible, alternative submission details will be stated on your course's Moodle site. For information on how to submit assignments online via Moodle: <https://student.unsw.edu.au/how-submit-assignment-moodle>

Late Submission Penalty

UNSW has a standard late submission penalty of:

- 5% per calendar day,
- for all assessments where a penalty applies,
- capped at five calendar days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request [Special Consideration](#) as early as possible before the deadline. Support with [Time Management is available here](#).

Important note: UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

School-specific Information

Risk of Failure Warnings

If you are at risk of failing the course, because of lack of attendance, low marks in assignments, failing to submit assignments, or lack of participation or engagement, you may be notified by email. Please ensure you read your university email, and respond to any official risk of failure warning promptly. NOTE – if the warning email is sent to your UNSW e-Mail address, it is considered as being read by you whether you check your UNSW email or not.

Late Submission Penalties

If you believe that circumstances will prevent you from submitting an assessment on time, please notify your course convenor as soon as possible. There will be penalties applied for being late and a clear 'no later than' date beyond which submission won't be accepted. Where a Special Consideration is not applied for, and a student assessment is late, the following guidelines apply:

1. Up to 5 days after due date, a penalty of 5% (of maximum mark for assignment) will be applied for each day late (e.g. an assignment that is 3 days late would have its mark reduced by 15%). Please note - for the purpose of deduction calculation, a 'day' is each 24-hour period (or part thereof) past the stipulated deadline for submission within the calendar year (including weekends and public holidays). Task with a percentage mark - If the task is marked out of 100%, late submission will attract a deduction of 5% from the mark awarded to the student for every 24-hour period (or part thereof) past the stipulated deadline.

Example: A student submits an essay 48 hours and 10 minutes after the stipulated deadline. The essay is marked out of 100%. A 3 day late penalty will be applied ($3 \times 5\% = 15\%$). The essay receives a mark of 68%. The student's mark will therefore be reduced to 53% ($68\% - 15\%$).

2. Beyond 5 days late, no submission will be accepted.

Special Consideration

Please note that the University's Special Consideration process allows students to apply for an extension within 3 days of the assessment due date. This provides for more extensive extensions, subject to documentation, and Course Convenor approval. You can apply for special consideration online through my.UNSW.edu.au. More information about special consideration can be found here: <https://www.student.unsw.edu.au/special-consideration>

NOTE: If you are experiencing issues related to your access to class material or difficulty with technology, make sure you notify your lecturer as soon as possible, well before any assessment due date. Last minute requests for extensions due to computer failure, file corruption, printing problems etc. do not qualify students for special consideration or extensions. Students are expected to maintain regular backups of their work at all times.

Educational adjustments

Educational adjustments can be applied to assessments if you are living with a disability, a long term medical condition, a mental health condition, and/or are a carer of individuals with a disability. The Equitable Learning Service (ELS) determines adjustments based on medical documentation and communicates these via an Equitable Learning Plan (ELP). To receive educational adjustments for equitable learning support, you must first register with Equitable Learning Services (ELS). More information about Equitable Learning Services can be found here <https://student.unsw.edu.au/els>

Supplementary Assessment

Supplementary assessments are available to students in this course who have failed an assessment but have subsequently had an application for Special Consideration approved by the university. The supplementary assessment may take a different form than the original assessment and will be defined by the course convenor - but it will address the same learning outcomes as the original assessment. If Special Consideration has not been awarded, the maximum mark that may be awarded for a supplementary assessment is 50% of the full assessment mark.

Academic Honesty and Plagiarism

Plagiarism is taking the ideas, words, images, designs or objects of others and passing them off as your own. Plagiarism is a type of intellectual theft. Plagiarism can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement. Plagiarism can have serious consequences, so it is important that students be aware of what it is, and how to avoid it. All written submissions are automatically checked for plagiarism using the Turnitin site. For further information, please see the Academic Integrity & Plagiarism website <https://www.student.unsw.edu.au/plagiarism>.

Referencing Requirements for Assessments

Your course convenor will inform you what referencing system this course follows. Useful guidelines on how to reference according to various systems can be found at: <https://student.unsw.edu.au/referencing>.

You may follow these guidelines in your assessment tasks, or seek additional advice from your lecturer. Styles for Endnote are downloadable from the Endnote website. Accurate and correct referencing is an important academic prerequisite at University level, and if your work does not meet these requirements, it may be marked down, or in more serious cases, it may be treated as an instance of plagiarism and academic dishonesty.

Use of Generative AI

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Your work must be your *own* and where the use of AI tools, such as ChatGPT, have been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work. In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply. If in doubt, please seek advice from the Course Convenor prior to using generative AI tools.

<https://www.student.unsw.edu.au/assessment/ai>

Health and Safety

Ensuring student and staff health and safety is very important at UNSW Art & Design. Health and safety is everyone's responsibility. As a student, you have a responsibility not to do anything that risks your own health and safety, or the health or safety of your fellow students, staff members or visitors. This means, for example, exiting the building during a fire drill; wearing personal protective equipment and clothing (PPEC) when staff or signage instructs you to do so; undertaking induction to using equipment or carrying out processes that require specific knowledge; and reporting hazards or incidents to your lecturer or supervisor as soon as you become aware of them. For more information, please see <https://safety.unsw.edu.au/>.

Additional Support and Resources

At UNSW you can also find support and resources if you need help with your personal life, getting your academic success on track or just want to know how to stay safe. See <https://www.student.unsw.edu.au/wellbeing>.

Additional support for students is available by contacting the following centres:

- Student Support and Development <https://www.student.unsw.edu.au/support>
- Student Support Advisors: <https://www.student.unsw.edu.au/advisors>
- Mental Health Support: <https://www.student.unsw.edu.au/mental-health-support>
- Academic Skills and Support <https://www.student.unsw.edu.au/skills>
- UNSW IT Service Centre <https://www.myit.unsw.edu.au/>
- Student Gateway: <https://www.student.unsw.edu.au/>
- Equitable Learning Services: <https://www.student.unsw.edu.au/equitable-learning>
- Faculty Resources and Support: <https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support>
- Arc: <https://www.arc.unsw.edu.au/>

After Hours Access to the Paddington Campus

The core operating hours for the Paddington Campus are below. All students have access to the campus during these hours:

- Monday to Friday 0800 – 2100
- Saturday 0900 – 1700

Some students are permitted to have “After Hours Access” (AHA) to the campus upon completion of a series of inductions. The inductions are dependent on location, as well as the types of activities undertaken in those locations. The first of these is this Primary Induction, and this must be completed online <https://my.artdesign.unsw.edu.au>. All students requiring AHA are required to complete this induction. The Primary Induction gives access to the following Low Risk areas:

Post Graduate Students

- PG Research students – Level 4 F Block, Computer Labs and Learning Commons
- Master of Design students – Level 3 D Block, Computer Labs and Learning Commons
- Master of Curating and Cultural Leadership students – D207, Computer Labs and Learning Commons

Honours Students

- Fine Arts – Level 3 F Block, Computer Labs and Learning Commons
- Design – Level 1 E Block, Computer Labs and Learning Commons
- Media Arts – Level 3 F Block, Computer Labs and Learning Commons

Subsequent inductions are workshop and lab specific, and are conducted face-to-face by the UNSW Art & Design Technical staff. Students and staff must first successfully complete the

Primary Induction before requesting a Workshop/Lab specific Induction.

School Contact Information

UNSW School of Art & Design

Faculty of Arts, Design & Architecture

Paddington Campus

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