Creative Agendas 1: Digital Making
PGCFAD1038

MODULE DESCRIPTOR

ECTS credits[1]	5	Programme	Professional Diploma in Digital Making
NQF level	9	Schools	School of Design
Stage	2	Module Co-ordinator	Prof Alex Milton
Trimester	Any	Module Team	NCAD staff team (Co-ordinators, Lecturers and Technical Officers)
Contact		Dr Joanna Crawley, CFA Administrator: crawleyj@staff.ncad.ie	
Responsibility		The NCAD Academic Council and the School of Design Board have responsibility for this module.	

1.   Introduction

This module enables learners to undertake a transdisciplinary thematic project addressing a key issue of today, alongside peers from a diverse range of creative backgrounds.

The module seeks to interrogate the complex challenges and issues that are social, technical, environmental or political in nature. Drawing directly on issue-based directives and directions, a particular area is identified for participatory examination through creative interventions, leading to propositions and prototyping of alternative futures.

This module provides learners with another avenue into the world of Digital Making, with a particular focus on electronics and coding. Participants will be introduced to Arduino micro-controllers, with the aim of providing them with a highly modular and extendable approach to electronic design. Adopting an artist-designer and practice-based research approach, this module encourages 'emergence' as a rich form of research output.

Learners will engage in different forms of qualitative and quantitative forms of research, blending processes and methodologies from both art and design practices.

Working in collaboratively, participants will strengthen their skills that have been acquired through a combination of flipped, peer and hands-on workshops. They will engage in a series of co-design processes that involve probing, provoking, projecting, and prototyping. These activities aim to frame the artist- designer as a kind of provocateur. They will create 'Things', socio-material assemblies, that centre around the particular area of concern as highlighted in the modules introduction.

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[1] European Credit Transfer and Accumulation System, where 60 ECTS credits equate to the workload of a full-time academic year

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2.   What will I learn?

On successful completion of this module learners will be able to:

1. EXPERIENCE: Apply and test a variety of approaches adopting an artist-designer and practice-based research approach to experiential researching.

2. CONSTRUCT: Demonstrate the ability to analyse and evaluate the circumstances, histories and perceived natures of things.

3. SYNTHESISE: Collate and determine concepts and findings in a compelling designerly and/or artistic way, that points toward preferential change.

3.   How will I learn?

Students will learn through a combination of set activities within studio and/or base room including remote learning combined with directed and self-directed study within NCAD and at comparable external workshop facilities through strategic partnerships.

The activities take a variety of forms. In this module they include:

-   • Structured online learning activities

-   • Seminars

-   • Tutorials

-   • Lectures

-   • Self and peer assessment tasks

-   • Group work

-   • Independent study.

Learning tool	Hours
Lectures and seminars	20
Specified Learning Activities	20
Autonomous Student Learning	60
Total	**100**

4.   What learning supports are provided?

Reading lists, suggested websites and other learning supports are included in the project briefs.

5.   Am I eligible to take this module?

Module Requisites and Incompatibles

Pre-requisites	Students must have successfully completed PGCFAD1037 Creative Principles – Digital Making before studying this module.
Co-requisites	None
Incompatibles	None

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| Prior learning | Where a student can demonstrate that they have achieved at least 80% of the learning outcomes of this module, by academic certified achievement, or through quantifiable and documented experience, they can apply to the College for that prior learning to be recognised. Applications must be received prior to the commencement of delivery of the module. |
| Recommended | None |

6.   How will I be assessed?

Assessment tool	% of final grade	Timing
Portfolio of work	80%	End of Trimester
Presentation of work	20%	End of Trimester
Total	**100%**	

Assessment tool	Learning outcomes assessed
Portfolio of work	1-3
Presentation of work	1-3

7.   Feedback, results and grading

Students will receive feedback on their progress throughout the module. Feedback on the final assessments will also be provided, as soon as possible after the submission and presentation of work. Any reference to grading is only provisional until results are confirmed by the Exam Board.

Students' assessments will be graded using the NCAD Grade Descriptors.

8.   What happens if I fail?

Resit Opportunities

Students who fail to complete all assessments within their initial trimester of study will have the opportunity to submit additional resit responses within the subsequent trimester to fulfil the learning outcomes.

9.   When and where is this module offered?

This module is offered:

Autumn Trimester (September to January)

Spring Trimester (January to May)

Summer Trimester (May to September)

Studios and Facilities

Teaching and learning will occur in person where access to specialist workshop facilities is required, Theory and elements of software teaching and learning where feasible will be delivered virtually.

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Specified Learning Activities and Student Self-Directed Learning will be facilitated by providing bookable access to the NCAD William Walsh digital workshop, NCAD facilities, and studio spaces as well as comparable external digital workshop facilities through strategic partnerships.

10.   How will I have the chance to evaluate the module?

It is important to NCAD that students inform the development of teaching and learning at NCAD. We encourage all students to communicate their concerns and their observations about their study to members of staff so that any changes can be made in a timely manner.

A student evaluation will be issued to gather students' comments about their study and the delivery of the programme on completion of studies These evaluation events are important to current and future students, to ensure we can enhance the delivery of programmes at NCAD.

In addition, students are invited to discuss their experience on the module with their lecturers at any point during the year. Students can also relay your comments to the class student representative who will communicate their comments to the staff.

**For further details on the content of your module and teaching arrangements,
consult your Programme or Module brief**

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