



**Module Details**

<b>Title:</b>	Information Experience Design <b>APPROVED</b>
<b>Long Title:</b>	Information Experience Design

<b>Module Code:</b>	COMP9094	<b>Duration:</b>	1 Semester
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<b>Credits:</b>	5
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<b>NFQ Level:</b>	Expert
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<b>Field of Study:</b>	Computer Science
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<b>Valid From:</b>	Semester 1 - 2022/23 ( September 2022 )
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<b>Module Delivered In</b>	2 programme(s)
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<b>Module Coordinator:</b>	Sean McSweeney
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<b>Module Author:</b>	Eoin ORegan
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<b>Module Description:</b>	Users construct, access, receive, and interpret information through multiple touchpoints and delivery systems. By providing the right information experience, information developers can improve the usability of a product or application, which enhances user satisfaction. This module presents the theory of human information interaction and how presentation and situation affect the end-user experience. This module also outlines the main methods to finding information, the approaches to integration of information, and the evaluation of the overall end-user experience
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**Learning Outcomes**

*On successful completion of this module the learner will be able to:*

LO1	Assess the impact of Human Information Interaction (HII) theory on the field of information development.
LO2	Appraise the main approaches in ensuring the reader receives the most salient information relevant to their current situational context.
LO3	Characterise a document in terms of its information presentation and its impact on information experience.
LO4	Compose a document that integrates information using a well defined process.
LO5	Investigate the information experience of an information source using information modelling techniques.

**Pre-requisite learning**

**Module Recommendations**  
*This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named MTU module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).*

No recommendations listed

**Incompatible Modules**  
*These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.*

No incompatible modules listed

**Co-requisite Modules**

No Co-requisite modules listed

**Requirements**

*This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.*

No requirements listed

**Module Content & Assessment**

**Indicative Content**

**Human Information Interaction (HII)**

Basic concepts. HII definition. HCI versus HII. Acquiring, evaluating, using, sharing, filtering, organising and representing information. Models of HII.

**Information in the Situation**

Information situation overview. Information content and context. Cognitive aspects to situations. Human memory theory and biases in interpreting information. Information interaction and interpretation. Information interaction with technology.

**Humans and Information Presentation**

First glance evaluation - perception, preattentive processing, page appearance, Gestalt theory. Typography - effectiveness of chosen typography, cognitive processing of graphics, text and graphic interaction. Information presentation affect on HII.

**Information Integration**

Information integration theory. Process for integration - create, review, revise process. Creating content based on tasks.

**Information experience evaluation**

Information flow/modelling validation. Information gap identification. Extraneous information. Information quality and control.

**Assessment Breakdown**

%

Course Work

100.00%

**Course Work**

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Given an information source the student is expected to evaluate it in terms its situational and presentation awareness to the end user and outline approaches to overcome limitations identified.	1,2,3	50.0	Week 6
Project	In this project for example the student may create a document that integrates information from various sources and access the end user experience.	4,5	50.0	Sem End

No End of Module Formal Examination

**Reassessment Requirement**

**Coursework Only**

*This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.*

**The institute reserves the right to alter the nature and timings of assessment**

**Module Workload**

<b>Workload: Full Time</b>				
<i>WorkLoad Type</i>	<i>WorkLoad Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Lecture delivering theory underpinning learning outcomes.	2.0	Every Week	2.00
Tutorial	Tutorial to support learning outcomes.	1.0	Every Week	1.00
Independent & Directed Learning (Non-contact)	Independent study.	4.0	Every Week	4.00
Total Hours				7.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				3.00

<b>Workload: Part Time</b>				
<i>WorkLoad Type</i>	<i>WorkLoad Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Lecture delivering theory underpinning learning outcomes.	2.0	Every Week	2.00
Tutorial	Tutorial to support learning outcomes.	1.0	Every Week	1.00
Independent & Directed Learning (Non-contact)	Independent study.	4.0	Every Week	4.00
Total Hours				7.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				3.00

## Module Resources

### *Recommended Book Resources*

- **Fidel, R. 2012, *Human Information Interaction: An Ecological Approach to Information Behavior*, The MIT Press [ISBN: 0262017008]**
- **Albers, M. J. 2012, *Human-Information Interaction and Technical Communication: Concepts and Frameworks*, IGI Global [ISBN: 1466601523]**

### *Supplementary Book Resources*

- **Flick, U. 2015, *Introducing Research Methodology - A Beginner's Guide to Doing a Research Project*, 2nd Ed., Sage Publications Ltd [ISBN: 9781446294246]**

*This module does not have any article/paper resources*

*This module does not have any other resources*

**Module Delivered In**

<b>Programme Code</b>	<i>Programme Title</i>
CR_KINDD_9	Master of Science in Technical Communication (Approved)
CR_KIDDE_9	Postgraduate Diploma in Science in Technical Communication (Approved)