



Title:	Computer Music 1 APPROVED
Long Title:	Computer Music 1
Module Code:	MUSC9001
Duration:	1 Semester
Credits:	5
NFQ Level:	Expert
Field of Study:	Music & Performing Arts
Valid From:	Semester 1 - 2017/18 (September 2017)
Module Delivered in	2 programme(s)
Module Coordinator:	MARIA JUDGE
Module Author:	HUGH MC CARTHY
Module Description:	Computer Music 1 explores alternative methods of sound creation and expression, presenting the tools and techniques for this form of expression and facilitating the composition of electro-acoustic music.
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
LO1	Creatively use a variety of packages (including cutting edge music technology) to compose audio pieces.
LO2	Incorporate accepted and novel techniques for composition and explore new sound worlds in a manner informed by experimentation.
LO3	Analyse various electronic works by key Irish and International composers.
LO4	Critically discuss elements of the history of Electronic Music composition.
LO5	Satisfactorily perform their own computer-based compositions.
Pre-requisite learning	
Module Recommendations	
<i>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).</i>	
Incompatible Modules	
<i>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.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements	
<i>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.</i>	
No requirements listed	



Module Content & Assessment

Indicative Content

Composing using music technology

Sound generation; Sound editing and manipulation; Incorporating MIDI and audio.

Theory

Computer Music History; Contemporary Computer Musicians; Analysis of selected works.

Assessment Breakdown

%

Course Work

100.00%

Course Work

<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Project	Initial Audio composition	1,2	25.0	Week 4
Essay	Analyse and Discuss a topic	3,4	25.0	Week 7
Project	Final Audio Project	1,2,5	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

Workload: Full Time				
<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Directed Listening, Analysis and Discussion	2.0	Every Week	2.00
Lab	Software uses and Composition	1.0	Every Week	1.00
Independent & Directed Learning (Non-contact)	No Description	4.0	Every Week	4.00
Total Hours				7.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				3.00

This module has no Part Time workload.

Module Resources

Recommended Book Resources

- David Toop 1999, *Exotica: Fabricated Soundscapes in the Real World* [ISBN: 978-1852425951]
- Curtis Roads 1996, *The Computer Music Tutorial*, MIT Press [ISBN: 978-0262680820]
- Trevor Wishart (Author), Simon Emmerson (Editor) 1996, *On Sonic Art*, New and revised Ed., Routledge [ISBN: 9783718658473]
- Christoph Cox, Daniel Warner (Eds.) 2004, *Audio Culture: Readings in Modern Music*, Continuum [ISBN: 9780826416155]
- The Wire 2002, *Undercurrents: The Hidden Wiring of Modern Music*, edited by Rob Young, Bloomsbury Academic [ISBN: 9780826464507]

This module does not have any article/paper resources

This module does not have any other resources

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_GMUTE_9	<u>Master of Arts in Music and Technology</u>	1	Mandatory
CR_GMUST_9	<u>Master of Science in Music and Technology</u>	1	Mandatory