



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Research and Practice in Music Technology		
Module Code	UFCFRL-30-2	Level	Level 5
For implementation from	2018-19		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Contributes towards			
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p><b>Overview:</b> This module will enable students to begin to develop an understanding of research and practice related to the overall field of Music Technology.</p> <p><b>Educational Aims:</b> The module will enable students to develop their knowledge and understanding of interdisciplinary research methodologies drawn from technology, science, the arts and social sciences. Students will have the opportunity to explore their creativity through carrying out a small exploratory research project and to showcase and disseminate their findings.</p> <p><b>Outline Syllabus:</b> The module is broadly divided into two separate yet interrelated areas: research methods and practice. The research methods element of the module will encompass core skills required for the academic study of music technology and will support students in realising their research. Indicative areas of study may include: a literature survey, the production of an annotated bibliography, a sonic installation, an event report, a piece of software design, an algorithmically generated score, a piece of sound design.</p> <p><b>Teaching and Learning Methods:</b> Students will work on a number of small formative mini-projects from contrasting areas of study related to research and practice in music technology with</p>

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the aim of enabling students to develop their understanding of a range of methodologies, research and practice. Students will also begin to work on exploring and implementing their research or practice in both practical and written form.

A mix of lectures, seminars, practical tutorials, group projects and student centered learning, designed to suit both current learning approaches and a wider range of modes of attendance and distance learning.

Tutorials will be orientated to hands-on exercises or seminars appropriate to different parts of the course but students will also be required to develop a reflective approach by discussing criteria for the evaluation of music and sound and applying those criteria to practical exercises that will include an element of reflection upon issues raised within the general lectures and personal experience. Working towards the key aims and objectives of this module may involve work outside university core hours.

### Part 3: Assessment

During the module students will prepare a portfolio of work demonstrating their ability to carry out research and practice in an area related to music technology and a more substantial piece of work that may take the form of either a research paper or a piece of creative practice-led work related to Music Technology. The first portfolio could typically include a number of 'studies' (B1) related to areas such as the following indicative subjects:

Research reading and writing  
Contextual Studies  
Research Design  
Qualitative and Quantitative Research Methods  
Analysis of results  
Practice-led research

The second portfolio will consist of a piece of work developed by the student that will be a response to an assignment brief requiring a piece of individual research or creative practice that may evolve from one of the studies completed as part of the first portfolio of work (B1) or could take the form of a piece of creative work or a research paper exploring other issues covered during the module.

Throughout the course of the module formative assessment will take place in lectures, seminars and tutorials and will focus on enabling the student to develop core skills in research in music technology. There will be opportunities for formative learning in groups through peer assessment and through tutor feedback prior to summative assessment taking place.

Portfolio I (Research):

A Paper or presentation on a subject covered within the module and the submission of a small portfolio of studies (small pieces of work) selected from a number of different.

Portfolio II (Practice):

Artefact or research paper.

Viva Presentation:

Discussion, reflection and contextualisation of work submitted within the portfolios.

First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		38 %	Portfolio 1 (research)
Portfolio - Component B		37 %	Portfolio 2 (artefact)
Presentation - Component A	✓	25 %	Presentation (Viva)

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Resit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		75 %	Portfolio (research and artefact)
Presentation - Component A	✓	25 %	Presentation (Viva)

Part 4: Teaching and Learning Methods									
Learning Outcomes	On successful completion of this module students will be able to:								
	<table border="1"> <thead> <tr> <th colspan="2">Module Learning Outcomes</th> </tr> </thead> <tbody> <tr> <td>MO1</td> <td>Demonstrate an understanding of a range of research methodologies related to music technology</td> </tr> <tr> <td>MO2</td> <td>Explore, contextualise and produce a piece of individual research</td> </tr> <tr> <td>MO3</td> <td>Develop a creative or academic response to an area of academic study related to music technology through either writing or practice</td> </tr> </tbody> </table>	Module Learning Outcomes		MO1	Demonstrate an understanding of a range of research methodologies related to music technology	MO2	Explore, contextualise and produce a piece of individual research	MO3	Develop a creative or academic response to an area of academic study related to music technology through either writing or practice
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<b>Contact Hours</b>									
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	<b>Hours to be allocated</b>	300							
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p><a href="https://uwe.rl.talis.com/modules/ufcfrl-30-2.html">https://uwe.rl.talis.com/modules/ufcfrl-30-2.html</a></p>								