MODULE SPECIFICATION

Part 1: Information			
Module Title	Creative Technology Dissertation		
Module Code	UFCFLK-60-M	Level	Level 7
For implementation from	2018-19		
UWE Credit Rating	60	ECTS Credit Rating	30
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Contributes towards	Creative Technology [Sep][FT][Frenchay][1yr] MSc 2018-19		
Module type:	Master dissertation		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Educational Aims: See Learning Outcomes

Outline Syllabus: Students are expected to carry out an in-depth survey of relevant literature to identify a focus for their study that contributes to existing research in the field. The primary research will involve the development of a creative technologies system. The written dissertation should make clear how the primary research was designed and conducted. Discussion of the outcomes of primary research should be clearly related to existing literature. The body of the dissertation should be supplemented by a critical review of key aspects of the research and development processes.

Initially, students will develop a short proposal outlining the problem or opportunity they will be addressing, their proposed solution approach, the research methods they plan to use, and their overall plan. Then they will develop an in-depth proposal for their dissertation.

Individual supervisors will subsequently be identified for each student. The student's individual supervisor and the research methods expert(s) will direct him/her to the extensive materials available from the UWE Research Observatory. It will be part of the supervisor's and research methods expert's role to help the student navigate the available material and determine which are relevant to his/her dissertation. This will be a particularly important part of the supervisory process as the research observatory materials draw upon a range of sources and have many contributors.

Following the writing of the proposal, it will be part of the supervisor's role to continue to help the student to navigate the available material and determine which are relevant to his/her dissertation. The supervisors will work with their students to confirm or modify the selected research methods, to guide them in the choice of a development method appropriate to their work and to advise on the writing of the dissertation report.

Teaching and Learning Methods: Self-directed independent learning will be required supported by regular one-on-one meetings with a supervisor.

Contact time: 24 hours
Assimilation and development of knowledge: 200 hours
Presentation preparation: 40 hours
Assignment preparation: 336 hours
Total study time: 600 hours

Following the research methods phase, students will confirm a domain of interest with a supervisor. Students will then normally be expected to spend approximately 600 hours working, largely independently, on the development of their dissertation. It is expected that students will produce a creative technologies system in the course of their studies; in some instances this system might include hardware components.

Although a detailed process to follow is not prescribed, it is expected that all of the following activities will be performed:
Researching a domain of interest.
Eliciting requirements.
Researching related aspects.
Designing, programming and testing a system to meet the stated requirements.
Evaluating the utility of the software/hardware system.
Further develop the implemented software/hardware system.
Critically evaluating all aspects of the process.
Writing up the project in a dissertation report.

Part 3: Assessment

The research proposal, dissertation report and associated materials will be evaluated in the assessment of the student. The assessment of the report will be both in terms of its content (e.g. whether appropriate and sufficient research has been carried out, whether the design meets its requirements), and the expression of its content (e.g. whether it is well-structured, well written, makes appropriate use of diagrams, employs an appropriate citation system).

The resit will represent a reworking of the dissertation.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Written Assignment - Component A		10 %	Dissertation proposal
Dissertation - Component A	✓	90 %	Dissertation (12,000 words)

Resit Components	Final Assessment	Element weighting	Description
Dissertation - Component A	✓	100 %	Dissertation (12,000 words)

Part 4: Teaching and Learning Methods

Learning Outcomes

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

	Module Learning Outcomes
MO1	Demonstrate advanced knowledge of a complex and specialised area of knowledge and skills appropriate to the creative technologies domain
MO2	Address an in-depth problem relevant to the creative technologies using a rigorous approach involving a non-trivial technology system
MO3	Demonstrate an understanding of current theoretical and methodological approaches to the development of a substantive creative technologies system
MO4	Conduct and write up academic research at a level appropriate to Masters credit
MO5	Synthesise and critically evaluate data from multiple sources
MO6	Evaluate the approach taken in undertaking primary and secondary research
MO7	Explore and understand the issues of ethics, validity, trustworthiness and reliability in research
MO8	Work independently to plan and manage a complex computing research project over an extended period of time, and complete it by a given deadline
MO9	Summarise, organise and convey ideas and succinctly and coherently

Contact Hours

Contact Hours	
Independent Study Hours:	
Independent study/self-guided study	576
Total Independent Study Hours:	576
Scheduled Learning and Teaching Hours:	
Face-to-face learning	24
Total Scheduled Learning and Teaching Hours:	24
Hours to be allocated	600
Allocated Hours	600

Reading List	*The reading list for this module can be accessed via the following link:* https://uwe.rl.talis.com/modules/ufcflk-60-m.html