

UNIVERSITY OF THE WEST OF SCOTLAND

MODULE DESCRIPTOR

Introductory Note(s): (1) All module descriptors require **annual updating**. Please refer to top right of descriptor to ensure most recent version has been accessed.
(2) Please note that not all modules run every academic year.

1.	Title of Module: Computing Project
----	-------------------------------------------

2.	Code: COMP080xx	SCQF Level: 8	Credit Points: 20	ECTS: 10
3.	School:	Computing		
4.	Module Co-ordinator:	Thomas M Connolly		

5.	Summary of Module (Intended for All Audiences): (This should include general Syllabus details)
	<p>The Computing Project is seen as making an important contribution towards the development of the student's intellectual powers, understanding and independent critical judgement, problem solving and communication skills. The chosen subject area will relate to the student's ongoing academic studies in a Computing/Creative Technologies topic. This module aims to provide students with an opportunity to develop a valuable portfolio piece to show potential employers.</p> <p>In working on their project in small groups, students will undertake a series of activities related to the planning, design, implementation, testing and critical evaluation of a piece of work related to their programme of study. Each group is allocated a supervisor with whom they maintain frequent and regular contact so that the necessary technical and organisational assistance can be obtained. It is expected that groups will develop their portfolio piece in a professional manner, and that the module will provide an insight into how teams in industry work.</p> <p>Students produce a written report of the project work, document the design and implementation, and critically evaluate the work done.</p> <p>In carrying out this project, students will be expected to consolidate aspects of their study.</p>

6.	Learning Outcomes:
	<p>At the end of this module the student will be able to:</p> <p>L1. Plan, negotiate and complete a portfolio piece of work according to specified project brief.</p> <p>L2. Demonstrate understanding and appreciation of investigative, planning, design and development techniques appropriate to the project brief.</p> <p>L3. Communicate and demonstrate ideas and reflect on work undertaken individually and as part of a group.</p>

7.	Employability Skills and Personal Development Planning (PDP) Skills		
	<table border="1"> <tr> <td>*SCQF Headings</td> <td>During completion of this module, there will be an opportunity to achieve core skills in:</td> </tr> </table>	*SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
*SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:		

	<p>Knowledge and Understanding (K & U)</p> <p>Practice: Applied Knowledge and Understanding</p> <p>Generic Cognitive Skills</p> <p>Communication, ICT and Numeracy Skills</p> <p>Autonomy, Accountability and Working with others</p>	<p>SCQF Level 8</p> <p>Working with an agreed scope of knowledge and understanding of a subject area.</p> <p>Understanding that principal theories, principles, concepts and terminology will form part of the project brief.</p> <p>Ability to make informed choices between available technologies.</p> <p>SCQF Level 8</p> <p>Using already acquired skills and knowledge to pursue the aims and objectives of the project.</p> <p>Using a number of design and development techniques to specify and implement the artefact</p> <p>SCQF Level 8</p> <p>Assessing the strengths and weaknesses of the techniques used.</p> <p>SCQF Level 8</p> <p>Communicating effectively with other team members and supervisory team</p> <p>Interpreting problems and stating solutions</p> <p>Using appropriate tools to maintain deliverables</p> <p>Preparation of individual and group report</p> <p>SCQF Level 8</p> <p>Working autonomously, taking responsibility for own learning objectives agreed under supervision.</p> <p>Making effective use of supervision to overcome any learning or project related tasks.</p> <p>Working within a group to a set deadline.</p>
8.	Pre-requisites:	<p>Before undertaking this module the student should have undertaken the following:</p> <p>There are no pre-requisites for this module</p>
	Co-requisites:	<p>There are no pre-requisites for this module</p>

9.	Learning and Teaching:	
	The project work for this module is performed in small groups. Lectures will be used to give a brief overview of tools and techniques relevant to the project work. Tutorials will be used to establish the teams and provide support in setting project objectives, and to identify an appropriate supervisor and, where possible, mentor for the group. Groups will meet regularly with their supervisor, and when possible with their mentor, to review progress, discuss options and seek advice. Completing the module is likely to involve students engaging in independent study of specialist techniques and technologies, for example that are required to implement a design that the group have produced, or to develop tools to investigate a problem area they have identified.	
	Learning Activities/Categories: During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	Student Learning Hours (Normally totalling 200 hours):
	Lectures	12
	Tutorials	6
	Supervisor/Mentor Meetings	10
	Team Coursework & Reports	102
	Independent Study and Revision	70
		200 Hours Total
10.	Assessment: (also refer to Assessment Outcomes Grids at end of document)	
	<p>Assessment will be based on a group-based development or investigative project and report worth 80% of the final mark. The report must identify each individual's contribution and individual marks will be graded accordingly.</p> <p>A project plan, prepared by the group, will be worth 10% of the final mark.</p> <p>An individual critical appraisal will be worth 10% of the final mark.</p>	
11.	Equality and Diversity	
	<p>Nothing in the module should present difficulties for students on the basis of their gender, ethnicity, or sexual orientation. In relation to students with special needs, when a student discloses a disability the individual module tutor, in consultation with an Enabling Support Co-ordinator, will agree any appropriate adjustments to be made. Students should note that the language of instruction is English and that they will need to have a reasonable grasp of the language in order to keep abreast of the teaching materials and in submitting assessed work.</p> <p><i>(N.B. Please note that every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)</i></p>	
12.	**Indicative Resources: (eg. Core text, journals, internet access)	
	A Blackboard module site will be provided to support the student.	
13.	Attendance Requirements	
	Students will maintain regular contact with their appointed academic supervisor.	
14	Campus(s) for Module Delivery	
	The module will normally be offered on the following campuses / or by Distance Learning (D/L) (ie.Virtual Campus): <i>(Provided viable student numbers permit)</i>	

	Paisley:	Ayr:	Crichton:	Hamilton:	D/L Virtual Campus:	Other: (Please specify)
Tick	✓	✓	✓	✓		

15.	Course Reference Numbers (CRNs) <i>(if known)</i>					
	Paisley:	Ayr:	Crichton:	Hamilton:	D/L Virtual Campus:	Other: (Please specify)
Enter						

16.	Semester(s)/Trimester(s) for Module Delivery					
	Please indicate the semester(s) (for 07/08) or trimesters (for 08/09 onwards) when the module will normally be delivered: <i>(Provided viable student numbers permit).</i>					
10/11	Trimester 1 (Session 2010/11)	No	Trimester 2 (Session 2008/09)	Yes	Trimester 3 (Session 2008/09)	No
11/12	Trimester 1 (Session 2009/10)	No	Trimester 2 (Session 2009/10)	Yes	Trimester 3 (Session 2009/10)	No

For Internal Use Only

17.	Learning and Teaching Committee (LTC)	Creative Technologies
18.	Assessment Results (Pass / Fail)	No
19.	Subject Panel	Computer Games
20.	Moderator	R Beeby
21.	External Examiner	Professor A Taleb-Bendiab.
22.	Accreditation Details	N/A
23.	Changes / Version Number	2

Assessment Outcomes Grids (referred to within Section 10)

ASSESSMENT CATEGORY 1	Learning Outcome (Identified in Section 8)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
	Written Assignment	✓	✓	✓	N/A	N/A	80%	n/a
	Written Assignment	✓	✓	✓	N/A	N/A	10%	n/a
	Written Assignment			✓	N/A	N/A	10%	n/a
Combined Total for All Assessment Categories							100%	