

Module Guide

Undergraduate Programme Academic Year 2014/2015

Module:	Software Design UG2
Web-site:	Moodle or iCity
School:	Computing, Telecommunications and Networks
Module Co-ordinator:	Professor Zhiming Liu
Module Tutors:	
Contact Information:	Zhiming.liu@bcu.ac.uk
Brief Descriptions of the Items of Assessment: You will be expected to complete ALL Assessments.	Poster (40%) Examination (60%)
Assessment Weightings:	For further details refer to module's Moodle / iCity site. http://moodle.bcu.ac.uk/tee/course/view.php?id=985 Password: UML
Individual assignments. You are advised to refer to the Student Handbook on matters of cheating and plagiarism as they relate to coursework, group assignments, class tests and examinations. Both cheating and plagiarism are totally unacceptable and the University maintains a strict policy against them. It is YOUR responsibility to be aware of this policy and to act accordingly. By submitting coursework, either physically or electronically , you are confirming that it is your own work and that you are agreeing to the ' <i>University's guidance on plagiarism and cheating</i> '. Students should be aware that, at the discretion of the module co-ordinator, coursework may be submitted to an electronic detection system in order to help ascertain if any plagiarised material is present.	
Contents of Guide:	
Syllabus	Teaching Schedule

Syllabus and supporting information

- Development processes
- Object-oriented requirements elucidation and analysis
- UML models of requirements - use diagrams, sequence diagrams, conceptual diagrams and object diagrams)
- Object-oriented design – design patterns for responsibility assignments
- UML models of designs – object-sequence diagrams (or collaboration diagrams) and design class diagrams
- Relation between design and coding
- Introduction to validations
- Advanced models and their use – state diagrams, activity diagrams and component
- CASE tool support for UML

Teaching Schedule for: See Moodle (<http://moodle.bcu.ac.uk/tee/course/view.php?id=985>
Password: UML) for Lecture Topics.

Date	Week No		
12 Jan 15	12	Exams & Assessment	Exams & Assessment
19 Jan 15	13	1	
26 Jan 15	14	2	Project team forms up
02 Feb 15	15	3	Coursework Setup – Team Project
09 Feb 15	16	4	
16 Feb 15	17	5	
23 Feb 15	18	6	
02 Mar 15	19	7	
09 Mar 15	20	8	
16 Mar 15	21	9	
23 Mar 15	22	10	
30 Mar 15 Fri Bank hol	Easter		Easter
06 Apr 15 Mon Bank hol			
13 Apr 14			
20 Apr 15	23	11	Assessment- Team Project Report Handir
27 Apr 15	24	12	
04 May 15 Mon Bank Holiday	Exams & Assessment	Exams & Assessment	
11 May 15			

* 2014-2015 Academic Calendar is available on <https://icity.bcu.ac.uk/cebe/Timetables/Calendar-14-15>

* Assignment Set and Due week indication above is for guidance only. For further details refer to module's Moodle / iCity.