Faculty of
Computing, Engineering
and the Built Environment

BIRMINGHAM CITY
University

Assessment Brief
Examinations and Tests

Academic Year 2014-15

Module:	**Software Design UG 2**
Module SITS Code:	CMP5215
Assessment Identifier:	EXAM1
School:	Computing, Telecommunication and Networks
Module Co-ordinator:	Professor Zhiming Liu
Assessment date	See Exam Timetable
Duration (+ read time):	2 hours (+ 5 minutes reading time at start)
Total number of questions:	There will be a total of 5 questions in the paper.
Choice of questions:	*Examples:* 1) Candidates are required to attempt Question ONE. 2) Candidates are to select from Questions TWO to FIVE
Marks:	*Total marks for paper = 100* 1) 30 marks for QUESTION ONE 2) 35 marks for each question from Questions TWO to FIVE
What will be provided by the examiner:	None
Non-standard items that candidates may bring in to the exam room:	*None*

General guidance:	Guidance for exams / Tests
	You should refer to the following policies, regulations and information on taking exams:
	1) The University's 'INSTRUCTIONS TO CANDIDATES SITTING WRITTEN EXAMINATIONS'.
	2) Cheating.
	3) Calculators and dictionaries.
	Refer to the Student Course Handbook for further information.
	From the start of the 2014/15 academic year, your studies will be governed by version 5 of the Standard Undergraduate Assessment Regulations (SUAR 5).
	Under these regulations you are permitted two attempts at assessment for each module: a first sit and re-assessment attempt. This means that you will be required to withdraw from the course if, following the reassessment attempt, you have not passed.

Learning Outcomes to be Assessed

- Understanding of software development processes, and artefacts and their models
- Understanding of basic techniques for construction of object-oriented models
- Representing models using UML and evaluating consistency among UML models

Assessment Guidance:
Content and topics to be covered by the assessment include

- Rational Unified Development Process – main activities and models created
- OO Requirements Analysis and Modelling in UML (Use cases, sequence diagrams, system operations, conceptual class diagrams, contracts of operations)
- OO Design (Design patterns, object collaboration (or sequence) diagrams, design class diagrams
- Consistency of UML models

To prepare for the exam, students should understand the topic of lecture notes that are covered in the lectures and in the lab sessions. The active participation in the team project of the coursework would be important for developing the understanding and skills that are needed in this exam. Week 12 will be for guided revision.

Example Papers:

Samples question be provided and discussed in Week 12

Past papers:

Past papers are available on the digital library, but please note that contents of this module have changed this year.

Assessment Criteria:

Enter a description of the assessment criteria or where the assessment criteria can be found.

Detailed marks breakdown is given in the exam paper.

Feedback:

The examiner will provide a brief written report on the overall performance of the group on each part of the assessment. Typically, this will indicate whether each question was answered well and where there were common omissions or errors.

Students may make arrangements to meet with a tutor to receive additional feedback. Such meetings are not to be used to question marks.