



The University of Southern Queensland

Course specification

The current and official versions of the course specifications are available on the web at <http://www.usq.edu.au/coursespecification/current>.
Please consult the web for updates that may occur during the year.

Description: Portfolio Project A

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
CSC	3414	86794	1, 2009	ONC	1.00	Toowoomba

Academic group:	FOSCI
Academic org:	FOS003
Student contribution band:	2
ASCED code:	029999

STAFFING

Examiner: Richard Watson
Moderator: Hua Wang

REQUISITES

Pre-requisite: CSC3418 or USQIT16

RATIONALE

This course, in conjunction with Portfolio Project B (course code CSC3415), is designed to provide students with practice in bringing together the skills they have acquired during the program for the solution of problems of a kind they are likely to face in their subsequent employment. It also provides students with practice in oral and written communication. This course focuses on the design and modelling phases of a significant IT project.

SYNOPSIS

This course is the confluence of the knowledge and skills acquired in most other courses of the major. By undertaking the design of a large IT application, students develop their skills and professional practices. There will be particular emphasis on the use of modern tools and notations for IT project design and construction, and regular reporting.

OBJECTIVES

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

1. carry out a major IT project design project; (Assignments 1 & 2)
2. describe their work and communicate their results, both orally and in writing; (Assignments 1 & 2)
3. use modern design techniques and tools in all aspects of the IT project design phase. (Assignments 1 & 2)

TOPICS

Description	Weighting (%)
1. Students will develop detailed design specifications in relation to the project given to them.	100.00

TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at <http://bookshop.usq.edu.au> click 'Semester', then enter your 'Course Code' (no spaces).

REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

2008, 'Course CSC3414 Portfolio Project A' (Available: Via the Web).

Booch, G, Rumbaugh, J & Jacobson, I 1999, *The unified modelling language user guide*, Addison-Wesley, Reading.

(2005 2nd edition is available online through Safari books)

Fowler, M & Scott, K 2000, *UML distilled: a brief guide to the standard object modelling language*, 2nd edn, Addison-Wesley, Reading, Mass.

(3rd edn. 2004 also available online through Safari Books)

Jacobson, I 1992, *Object-oriented software engineering: a use case driven approach*, Addison-Wesley, Reading, Mass.

Pooley, R & Stevens, P 2006, *Using UML: software engineering with objects and components*, 2nd edn, Addison-Wesley, Harlow.

Pressman, RS 2005, *Software engineering: a practitioner's approach*, 6th edn, McGraw-Hill, Boston.

Rumbaugh, J, Blaha, M, Premerlani, W, Eddy, F & Lorenzen, W 1991, *Object-oriented modelling and design*, Prentice-Hall, Englewood Cliffs, NJ.

Sommerville, I 2006, *Software engineering*, 8th edn, Addison-Wesley, Harlow.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Project Work	160.00

ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date
ASSIGNMENT 1	50.00	50.00	14 Apr 2009
ASSIGNMENT 2	50.00	50.00	16 Jun 2009

IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:
It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
- 2 Requirements for students to complete each assessment item satisfactorily:
To complete each of the assignments satisfactorily, students must obtain at least 50% for each assignment.
- 3 Penalties for late submission of required work:
If students submit assignments after the due date without (prior) approval of the examiner then a penalty of 5% of the total marks gained by the student for the assignment may apply for each working day late up to ten working days at which time a mark of zero may be recorded. No assignments will be accepted after model answers have been posted.
- 4 Requirements for student to be awarded a passing grade in the course:
To be assured of receiving a passing grade a student must achieve at least 50% of the total weighted marks available for the course..
- 5 Method used to combine assessment results to attain final grade:
The final grades for students will be assigned on the basis of the weighted aggregate of the grades obtained for each of the summative assessment items in the course.
- 6 Examination information:
There is no examination in this course
- 7 Examination period when Deferred/Supplementary examinations will be held:
There will be no Deferred or Supplementary examinations in this course.
- 8 University Regulations:
Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL <http://www.usq.edu.au/corporateservices/calendar/part5.htm> or in the current USQ Handbook.

ASSESSMENT NOTES

- 9 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner.
- 10 Students may be required to provide a copy of assignments submitted for assessment purposes. Such copies should be despatched to the USQ within 24 hours of receipt of a request to do so.

11 In accordance with University policy, the Examiner may grant an extension of the due date of an assignment in extenuating circumstances.