



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: Web Publishing

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
CSC	2406	86798	1, 2009	ONC	1.00	Toowoomba

<b>Academic group:</b>	FOSCI
<b>Academic org:</b>	FOS003
<b>Student contribution band:</b>	2
<b>ASCED code:</b>	029999

### STAFFING

Examiner: Leigh Brookshaw  
Moderator: Stijn Dekeyser

### REQUISITES

Pre-requisite: CSC1401 or USQIT16 or Students must be enrolled in one of the following Programs: MPIT or MSBN

### OTHER REQUISITES

Recommended Pre-requisites: CSC2408

### RATIONALE

Web publishing is a large and important industry. It can be considered as part of the computing or publishing industry, and it has important implications in other areas. USQ graduates in computing, and many other disciplines, need expertise in this area. This course will provide them with skills in document creation, publishing, and the more technical aspects of web publishing. The course will emphasise both the generation of web materials and the establishment and maintenance of the services required to support it.

### SYNOPSIS

This course conveys the essential skills and knowledge required to create and maintain high quality web documents and the sites where these are located. The course will cover document design and preparation, as well as the more technical issues of web-publishing such as CGI scripts, web site maintenance, and site security. Program material may only be available via the web. Practical classes will be provided for internal students. Experience programming in a high level language is recommended. Experience with using Linux/Unix is also recommended.

### OBJECTIVES

On completion of this course students will be able to:

1. formulate a logical design of a web site (Assignment 1, Exam);

2. create web graphics (Assignment 1, Exam);
3. construct web pages using HTML and Cascading Style Sheets (Assignments 1 and 2, Exam);
4. demonstrate understanding of the technical foundations of the Web (Assignment 2, Exam);
5. develop server and client software (Assignment 2, Exam);
6. a) establish, b) efficiently maintain and c) secure a web site (Assignment 2, Exam).

## TOPICS

	Description	Weighting (%)
1.	Introduction to the Web	5.00
2.	Hypertext Transfer Protocol and MIME typing	10.00
3.	Graphics and Image Maps	10.00
4.	Advanced HTML	10.00
5.	Document and Site Design and Style Guidelines	10.00
6.	HTML Forms and Server Scripts in PHP	30.00
7.	Introduction to PHP.	10.00
8.	Server Configuration and Security	10.00
9.	Introduction to the Web	5.00

## 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).

Department of Mathematics & Computing DVDROM 1 and 2, 2008 (available from the USQ Bookshop). These DVD's contain course material, Windows and Linux Software and a complete Linux distribution which is required for this course. For more information about the DVD's and their use, please refer to <http://www.sci.usq.edu.au/dvdrom>.

## 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.

## STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Assessments	20.00
Examinations	2.00
Laboratory or Practical Classes	24.00
Lectures	12.00
Private Study	100.00

## ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date
ASSIGNMENT 1	100.00	15.00	20 Apr 2009 (see note 1)
ASSIGNMENT 2	100.00	20.00	08 Jun 2009 (see note 2)
2 HOUR CLOSED EXAMINATION	100.00	65.00	END S1 (see note 3)

### NOTES

1. The Examiner advises that the Assignment deadline is 9:00 AM Australian Eastern Standard Time (AEST) on this date.
2. The Examiner advises that the Assignment deadline is 9:00 AM Australian Eastern Standard Time (AEST) on this date.
3. Examination dates will be available during the Semester. Please refer to the examination timetable when published.

## 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 assessment items satisfactorily, students must obtain at least 50% of the marks available for each assessment item.
- 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 aggregate of the weighted marks obtained for each of the summative assessment items in the course.
  - 6 Examination information:  
In a Closed Examination, candidates are allowed to bring only writing and drawing instruments into the examination.
  - 7 Examination period when Deferred/Supplementary examinations will be held:  
Any Deferred or Supplementary examinations for this course will be held during the next examination period.
  - 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 Students must retain a copy of each item submitted for assessment. This must be produced within 24 hours if required by the Examiner.
- 10 In accordance with University policy, the Examiner may grant an extension of the due date of an assignment in extenuating circumstances.
- 11 Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or to sit for an examination at the scheduled time, may apply to defer an assessment in a course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded IDS (Incomplete - Deferred Examination: IDM (Incomplete Deferred Make-up); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).

## **OTHER REQUIREMENTS**

- 1 Students will require access to E-mail and internet access to USQ computers for this course.
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