



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: Information Systems Project Management

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
CIS	8010	90731	2, 2009	ONC	1.00	Toowoomba

<b>Academic group:</b>	FOBUS
<b>Academic org:</b>	FOB005
<b>Student contribution band:</b>	2
<b>ASCED code:</b>	020399

### STAFFING

Examiner: Jeffrey Soar  
Moderator: Aileen Cater-Steel

### OTHER REQUISITES

Students are required to have access to a personal computer, e-mail capabilities and Internet access to UConnect. Current details of computer requirements can be found at <http://www.usq.edu.au/ict/students/standards/default.htm>.

### RATIONALE

The pervasive nature of information systems and information technology (IS/IT) now influences most operational and managerial facets of modern organisations. The task for IS/IT managers is to learn and apply new approaches of planning, designing, and implementing information systems that meet corporate goals and objectives. Project management is an essential management process that can make the difference between an information system project's failure or success.

### SYNOPSIS

This course applies the nine project management knowledge areas - project integration, scope, time, cost, quality, human resources, communications, risk and procurement management, across the project management lifecycle of initiation, planning, executing, controlling and closing. The use of computer-based project management tools and techniques suitable for IS project management are also emphasised and form a vital part of the student's skills and knowledge portfolio.

### OBJECTIVES

On successful completion of this course, students should be able to:

1. understand the genesis of project management and its importance to improving the success of information technology projects
2. understand the triple constraint of project management: scope, time, cost
3. describe project management knowledge areas and process groups
4. understand the project life cycle: initiation, planning, executing, controlling and closing

5. demonstrate knowledge of project management terms and techniques such as: project selection methods; work breakdown structures; network diagrams, critical path analysis, and critical chain scheduling; cost estimates; earned value management; motivation theory and team building
6. apply project management software to help plan and manage information technology projects.

## TOPICS

Description	Weighting (%)
1. The triple constraint: scope, time and cost	25.00
2. Project management tools	10.00
3. IS project initiation, planning, executing, controlling and closing	25.00
4. IS project quality management	8.00
5. IS project human resource management	8.00
6. IS project communications management	8.00
7. IS project risk management	8.00
8. IS project procurement management	8.00

## 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).

CIS8010 study package available from the USQ Bookshop.

Schwalbe, K 2007, *Information technology project management*, 5th edn, Thomson Course Technology, Boston, Massachusetts.

Summers, J & Smith, B 2006, *Communication skills handbook: how to succeed in written and oral communication*, 2nd edn, John Wiley & Sons, Milton, Queensland.

## 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.

Brooks, FP Jr 1995, *The mythical man-month: essays on software engineering*, 2nd edn, Addison-Wesley, Reading, Massachusetts.

Cadle, J & Yeates, D (eds.) 2004, *Project management for information systems*, 4th edn, Financial Times Prentice Hall, Upper Saddle River, New Jersey.

Covey, S 1989, *The 7 habits of highly effective people*, Simon & Schuster, New York.

Glass, R 1998, *Software runaways: lessons learned from massive software project failures*, Prentice Hall, Upper Saddle River, New Jersey.

- Goldratt, E 1997, *Critical chain*, North River Press, Great Barrington, Massachusetts.
- Kapur, G 2005, *Project management for information, technology, business and certification*, Pearson/Prentice Hall, Upper Saddle River, New Jersey.
- Klastorin, T 2004, *Project management: tools and trade-offs*, John Wiley & Sons, Hoboken, New Jersey.
- Mantel, S, Meredith, J, Shafer, S & Sutton, M 2001, *Project management in practice*, 2nd edn, Wiley, New York.
- Marchewka, J 2006, *Information technology project management: providing measurable organizational value*, 2nd edn, John Wiley & Sons, Hoboken, New Jersey.
- McManus, J & Wood-Harper, T 2003, *Information systems project management: methods, tools and techniques*, Financial Times Prentice Hall, Harlow, UK.
- Project Management Institute 2004, *A guide to the project management body of knowledge*, 3rd edn, Project Management Institute, Newtown Square, Pennsylvania.
- Smith, JM 2001, *Troubled IT projects: prevention and turnaround*, Institution of Electrical Engineers, London.
- Yardley, D 2002, *Successful IT project delivery: learning the lessons of project failure*, Addison Wesley, London.
- Yourdon, E 2004, *Death march*, 2nd edn, Prentice Hall, Upper Saddle River, New Jersey.

## STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Directed Study	100.00
Private Study	60.00

## ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date	Objectives assessed	Graduate skill	Level assessed
ASSIGNMENT 1 (CMA)	5.00	5.00	10 Aug 2009	1, 3, 4		
ASSIGNMENT 2	25.00	25.00	29 Sep 2009	All		
EXAM A MULTI-CHOICE	20.00	20.00	END S2 (see note 1)	1, 2, 3, 4, 5		
EXAM B SHORT ANSWER & CASE	80.00	50.00	END S2	1, 2, 3, 4, 5		

### NOTES

- The examination is scheduled to be held in the end-of-semester examination period. Students will be advised of the official examination date for Exam (Parts A and B) after the timetable has been finalised. The total working time for Exam (Parts A and B) is 2 hours.

## IMPORTANT ASSESSMENT INFORMATION

- 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 satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks. (Depending upon the requirements in Statement 4 below, students may not have to satisfactorily complete each assessment item to receive a passing grade in this course.)
  - 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.
  - 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:  
This is a restricted examination. Candidates are allowed access to specific materials during the examination. The only materials that candidates may use in the examination for this course are (i) Writing materials: non-electronic and free from material which could give the student an unfair advantage in the examination; (ii) Translation dictionaries: with the Examiner's approval, candidates may, take an appropriate non-electronic translation dictionary into the examination. This will be subject to perusal and, if it is found to contain annotations or markings that could give the candidate an unfair advantage, it may be removed from the candidate's possession until the appropriate disciplinary action is completed.
  - 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 Student Academic Misconduct for further information and to avoid actions which might contravene university regulations. These regulations can be found at <http://www.usq.edu.au/corporateservices/calendar/part5.htm>. Students should also read the Faculty of Business Procedures which can be found at <http://www.usq.edu.au/business/aboutfob.htm>.

## **ASSESSMENT NOTES**

- 1 Assignments: (i) The due date for an assignment is the date by which a student must submit the assignment to the USQ. (ii) If requested, students will be required to provide a copy of an assignment submitted for assessment purposes. This should be despatched to the USQ within 24 hours of receipt of a request being made. (iii) In accordance with university policy, the examiner may grant an extension of the due date of an assignment in extenuating circumstances. (iv) The examiner will normally only accept printed (hardcopy) assignments

- which are submitted through the Faculty of Business assignment submission box. (v) In the event that a due date for an assignment falls on a local public holiday in their area, such as a show holiday, the due date for the assignment will be the next day. Students are to note on the assignment cover the date of the public holiday for the examiner's convenience.
- 2 Course weightings: Course weightings of topics should not be interpreted as applying to the number of marks allocated to questions testing those topics in an examination paper.
  - 3 Referencing in assignments: Harvard (AGPS) is the referencing system required in this course. Students should use Harvard (AGPS) style in their assignments to format details of the information sources they have cited in their work. The Harvard (AGPS) style to be used is defined by the USQ Library's referencing guide at <http://www.usq.edu.au/library/help/referencing/default.htm>.
  - 4 Make-up work: Students who have undertaken all of the required assessments in a course but who have failed to meet some of the specified objectives of a course within the normally prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). An IM grade will only be awarded when, in the opinion of the examiner, a student will be able to achieve the remaining objectives of the course after a period of non-directed personal study.
  - 5 Deferred work: 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 E-mail and Internet access: Students will require access to e-mail and Internet access to UConnect for this course.
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