



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: Enterprise Resource Systems

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
CIS	3009	94006	6, 2009	EXT	1.00	Toowoomba

<b>Academic group:</b>	FOBUS
<b>Academic org:</b>	FOB005
<b>Student contribution band:</b>	2
<b>ASCED code:</b>	020305

### STAFFING

Examiner: Shelly Grist  
Moderator: Glen Van Der Vyver

### OTHER REQUISITES

Students who have not previously completed CIS1000 at USQ will need to review the course objectives for CIS1000 to be sure that they have the necessary requisite knowledge to complete CIS3009. 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

Enterprise Resource Planning (ERP) systems are rapidly assuming a position of dominance in the corporate systems arena. They are pervasive within larger corporations and are rapidly making inroads into mid-sized companies. ERP systems are large, complex and expensive and it is critical that they are managed and used to optimal effect. The global ERP software market is dominated by a small number of key players, with SAP the current market leader followed by Oracle's E-Business Suite. It is important that Information Technology students gain an understanding of ERP systems, their impact and the way they are and will be utilized in corporations.

### SYNOPSIS

The course examines the evolution of Enterprise Resource Planning (ERP) systems in response to issues such as increasing technological complexity, the need to better manage spiralling IT costs, and the increasing burden on corporations of compliance to legislation such as the Sarbanes-Oxley Act. Due attention is given to the architecture of ERP systems, issues related to their acquisition, their impact on organizations and their potential benefits and costs. The core of the course focuses on business processes and their interaction with the ERP. Particular emphasis is placed on the powerful capabilities of ERP's as regards the integration of business processes across functional areas and their use in performance analysis and business management.

## OBJECTIVES

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

1. evaluate the emergence of ERP systems and their current and future impact
2. demonstrate an understanding of key issues relating to the advantages and disadvantages of ERP systems and their potential costs and benefits
3. identify and evaluate issues involved in implementing an ERP system
4. understand business processes and their impact on the business
5. identify business information common to most businesses and the flow of information through the business
6. describe how an enterprise-wide information system can support effective and efficient business processes
7. create process models that assist with process improvement and ERP implementation.

## TOPICS

	Description	Weighting (%)
1.	Business functions and business processes	10.00
2.	ERP systems: fundamental concepts	15.00
3.	ERP systems: assessing the costs and benefits	15.00
4.	Marketing information and the sales order process	10.00
5.	Production and supply chain management information systems	10.00
6.	Accounting in ERP systems	10.00
7.	Human resource processes with ERP	10.00
8.	Process modelling, process improvement, and ERP implementation	10.00
9.	ERP and electronic commerce	10.00

## 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).

Monk, EF & Wagner, BJ 2009, *Concepts in enterprise resource planning*, 3rd 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.

Sumner, M 2005, *Enterprise resource planning*, Prentice Hall, Upper Saddle River, New Jersey.

## 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	30.00
Directed Study	48.00
Private Study	90.00

## ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date	Objectives assessed	Graduate skill	Level assessed
ASSIGNMENT 1	50.00	20.00	30 Sep 2009	All		
ASSIGNMENT 2	50.00	20.00	25 Nov 2009	All		
2-HOUR EXAMINATION	100.00	60.00	END S6 (see note 1)	All		

### NOTES

1. The examination is scheduled to be held in the end-of-semester examination period. Students will be advised of the official examination date after the timetable has been finalised.

## IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:  
If you are an international student in Australia, you are advised to attend all classes at your campus. For all other students, there are no attendance requirements for this course. However, it is the students' responsibility 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 will be an open examination. Candidates may have access to any printed or written material and a calculator during the examination. In line with regulation 5.6.4.2 'Use of Electronic Devices during Examinations', laptop and notebook computers are not permitted.
- 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) Students must retain a copy of each item submitted for assessment. This must be produced within 24 hours if required by the examiner. (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 assignments which are electronically submitted through the USQ Study Desk for this course. (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 Unless otherwise directed by the examiner, all written and oral assignments submitted by students must conform to the guidelines laid out in the 'Communication skills handbook: how to succeed in written and oral communication'. Any work not prepared in accordance with these guidelines may be subject to penalty or requirement for resubmission.
  - 2 Students will require access to e-mail and Internet access to UConnect for this course.
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