FIT5101
Enterprise systems

Unit Guide

Semester 1, 2013

The information contained in this unit guide is correct at time of publication. The University has the right to change any of the elements contained in this document at any time.

Last updated: 04 Mar 2013
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FIT5101 Enterprise systems - Semester 1, 2013

This unit provides students with an overview of Enterprise Systems and is designed to describe the role of enterprise systems as part of the larger IT infrastructure of large scale organisations. Emphasis will be placed on benefit realisation through the use of specific measurement tools to help manage and deploy these packages. Additionally SAP R/3 will be used to introduce students to the complexity of enterprise wide systems through tutorial workshops where appropriate. This will include the addition of process modelling software tasks in practical sessions using ARIS toolset (SAP R/3 reference model).

Mode of Delivery

- Caulfield (Day)
- Sunway (Evening)

Contact Hours

2 hrs lectures/wk, 2 hrs laboratories/wk

Workload requirements

Students are expected to spend 12 hours per week as follows:

- 2 hour lecture and
- 2 hour tutorial in a laboratory
- a minimum of 2-3 hours of personal study per one hour of contact time in order to satisfy the reading and assignment expectations.

Unit Relationships

Prohibitions

IMS5052, BUS5700

Prerequisites

FIT9006

Chief Examiner

Ms Sue Foster

Campus Lecturer
FIT5101 Enterprise systems - Semester 1, 2013

Caulfield
Sue Foster

Sunway
Jayantha Rajapakse
Consultation hours: TBA

Tutors

Sunway
Jayantha Rajapakse
Academic Overview

Learning Outcomes

At the completion of this unit students will:

- identify the role of business wide systems to support the business strategy;
- identify the main suppliers, products and application domains of enterprise wide packages;
- understand the scale and complexity of enterprise system packages;
- understand the integrative role of enterprise systems for information within the organisational context;
- describe the role of enterprise systems as part of the larger IT infrastructure of large scale organisations;
- identify the implementation variables, individual variables and contextual variables that interact to influence a successful enterprise system implementation;
- use a process modelling tool to model processes.
Unit Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Activities</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No formal assessment or activities are undertaken in week 0</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Introduction to enterprise systems</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Enterprise system requirements - Business case</td>
<td>Assignment 1 (Enterprise System) handed out</td>
</tr>
<tr>
<td>3</td>
<td>Business process optimisation (1)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Business Process management (2)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Business process modelling</td>
<td>Assignment 1 (Enterprise System) due Monday 8 April 2013. Assignment 2 (Risk Management Strategy) handed out</td>
</tr>
<tr>
<td>6</td>
<td>Enterprise systems implementation - Risk Management Strategy</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Enterprise system implementation - Vendor selection</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Enterprise systems implementation - Integration issues</td>
<td>Assignment 2 (Risk Management Strategy) due Monday 29 April 2013. Assignment 3 (Implementation Approach Report) handed out</td>
</tr>
<tr>
<td>9</td>
<td>Enterprise Systems implementation - Master data management</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Organisational change management (1)</td>
<td>Assignment 3 (Implementation Approach Report) due Friday 24 May 2013</td>
</tr>
<tr>
<td>11</td>
<td>Organisational change management strategies (2)</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Future issues and trends</td>
<td>Assignment 3 (Implementation Approach Report) due Friday 24 May 2013</td>
</tr>
<tr>
<td></td>
<td>SWOT VAC</td>
<td>No formal assessment is undertaken in SWOT VAC</td>
</tr>
</tbody>
</table>

*Unit Schedule details will be maintained and communicated to you via your learning system.

Assessment Summary

Examination (2 hours): 30%; In-semester assessment: 70%

<table>
<thead>
<tr>
<th>Assessment Task</th>
<th>Value</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSIGNMENT 1 - Enterprise system - Business case development</td>
<td>30%</td>
<td>Monday 8 April 2013</td>
</tr>
<tr>
<td>ASSIGNMENT 2 - Risk Management Strategy</td>
<td>25%</td>
<td>Monday 29 April 2013</td>
</tr>
<tr>
<td>ASSIGNMENT 3 - Report on the implementation approach</td>
<td>15%</td>
<td>Friday 24 May 2013</td>
</tr>
<tr>
<td>Examination 1</td>
<td>30%</td>
<td>To be advised</td>
</tr>
</tbody>
</table>
Teaching Approach

- **Lecture and tutorials or problem classes**
  This teaching and learning approach provides facilitated learning, practical exploration and peer learning.

- **Problem-based learning**
  In this teaching approach you are introduced to information via lectures and then required to practically apply that information. You are encouraged to take responsibility for organising and directing your learning with support from your supervisor (tutor).

  You will be presented with a case study, and relevant information, and guided on how best to find solutions to the problem.
Assessment Requirements

Assessment Policy

Faculty Policy - Unit Assessment Hurdles

Academic Integrity - Please see the Demystifying Citing and Referencing tutorial at http://lib.monash.edu/tutorials/citing/

Assessment Tasks

Participation

Students will be evaluated on the outcome of the total group assignment. Where individual components are offered, students will be marked according to the marking criteria for that individual component.

The tutor will monitor individual contributions to the group when allocating marks to members of the group.

Students will be given information on how to conduct meetings and setting agendas; how to complete minutes by including meeting minutes template and sample, contribution form to be completed by each student in each group; and timesheets to be completed by each team member in each group.

• Assessment task 1

Title: ASSIGNMENT 1 - Enterprise system - Business case development

Description:
In project teams, produce an appropriate business case to successfully assist an organisation in implementing an enterprise system for the first time.

The case study in Assignment 1 and the business case forms the core information you will need for each subsequent assignment you will produce for this unit. The focus is on implementing an enterprise system based on the information contained within the case study and the business case. To support this implementation you will work in project teams throughout the semester.

Developing a business case is a valid and appropriate approach to support an enterprise system implementation.

Weighting: 30%

Criteria for assessment:
Students will be evaluated on the outcome of the total group assignment. Where individual components are offered, students will be marked according to the marking criteria for that individual component. The tutor will monitor individual contributions to the group when allocating marks to members of the group.

The marking guide will provide a break down of mark allocation for individual and group components where applicable.

Due date: Monday 8 April 2013
• Assessment task 2

Title: ASSIGNMENT 2 - Risk Management Strategy

Description: In your project teams you will develop a risk management strategy that can be used in the implementation identified in the case study provided with Assignment 1. Your assignment should reflect your readings. You will include risk assessment, risk mitigation and risk monitoring as part of your overall risk management approach.

Weighting: 25%

Criteria for assessment:
Students will be evaluated on the outcome of the total group assignment. Where individual components are offered, students will be marked according to the marking criteria for that individual component. The tutor will monitor individual contributions to the group when allocating marks to members of the group.

The marking guide will provide a break down of mark allocation for individual and group components where applicable.

Due date: Monday 29 April 2013

• Assessment task 3

Title: ASSIGNMENT 3 - Report on the implementation approach

Description: In your project teams, you will be required to produce a report on the practical approach used when implementing ERP ECC6. The report will be based on the implementation identified in the case study provided with Assignment 1. Your teams will be required not only to provide an implementation report but also provide screen dumps of specific data screens from your input of data.

PLEASE NOTE: We are using SAP ECC6, the latest version of SAP, and this will be administered through QUT the University Application Hosting Centre. This is a great opportunity for you to have hands on practical experience in the latest version of SAP.

Weighting: 15%

Criteria for assessment:
Students will be evaluated on the outcome of the total group assignment. Where individual components are offered, students will be marked according to the marking criteria for that individual component. The tutor will monitor individual contributions to the group when allocating marks to members of the group.

The marking guide will provide a break down of mark allocation for individual and group components where applicable.

Due date: Friday 24 May 2013
Examinations

- **Examination 1**
  
  **Weighting:**
  30%

  **Length:**
  2 hours

  **Type (open/closed book):**
  Closed book

  **Electronic devices allowed in the exam:**
  None

Learning resources

Reading list

**Recommended reading**


Monash Library Unit Reading List
http://readinglists.lib.monash.edu/index.html

Feedback to you

Types of feedback you can expect to receive in this unit are:

- Informal feedback on progress in labs/tutes
- Graded assignments with comments
- Other: We will also provide feedback to each group member or group where appropriate.
Extensions and penalties

Submission must be made by the due date otherwise penalties will be enforced.


Returning assignments

Students can expect assignments to be returned within two weeks of the submission date or after receipt, whichever is later.

Resubmission of assignments

Students are not required to resubmit assignments.

Referencing requirements

Students are required to be aware of the referencing requirements when creating assignments. All assignments in this unit require to be referenced where a contribution to the assignment has come from a source other than the student themselves.

The following link will provide you with an appropriate array of referencing requirements.

http://www.monash.edu/lls/llonline/quickrefs/19-styles.xml

If you are unsure about the appropriate reference style to use, please discuss this with your tutor.

Assignment submission

It is a University requirement (http://www.policy.monash.edu/policy-bank/academic/education/conduct/plagiarism-procedures.html) for students to submit an assignment coversheet for each assessment item. Faculty Assignment coversheets can be found at http://www.infotech.monash.edu.au/resources/student/forms/. Please check with your Lecturer on the submission method for your assignment coversheet (e.g. attach a file to the online assignment submission, hand-in a hard copy, or use an online quiz).

Online submission

If Electronic Submission has been approved for your unit, please submit your work via the learning system for this unit, which you can access via links in the my.monash portal.

Required Resources

Please check with your lecturer before purchasing any Required Resources. Limited copies of prescribed texts are available for you to borrow in the library, and prescribed software is available in student labs.
Assessment Requirements

On-campus students will have access to the software that they require for this unit, which is installed in the computing labs.

This will include SAP EEC6, the latest version of SAP.
Other Information

Policies

Monash has educational policies, procedures and guidelines, which are designed to ensure that staff and students are aware of the University’s academic standards, and to provide advice on how they might uphold them. You can find Monash’s Education Policies at: www.policy.monash.edu.au/policy-bank/academic/education/index.html

Key educational policies include:

- Plagiarism; http://www.policy.monash.edu/policy-bank/academic/education/conduct/plagiarism-policy.html
- Special Consideration; http://www.policy.monash.edu/policy-bank/academic/education/assessment/special-consideration-policy.html
- Grading Scale; http://www.policy.monash.edu/policy-bank/academic/education/assessment/grading-scale-policy.html
- Discipline: Student Policy; http://www.policy.monash.edu/policy-bank/academic/education/conduct/student-discipline-policy.html
- Academic Calendar and Semesters; http://www.monash.edu.au/students/dates/
- Orientation and Transition; http://intranet.monash.edu.au/infotech/resources/students/orientation/
- Graduate Attributes Policy; http://www.policy.monash.edu/policy-bank/academic/education/management/monash-graduate-attributes-policy.html

Student services

The University provides many different kinds of support services for you. Contact your tutor if you need advice and see the range of services available at http://www.monash.edu.au/students. For Sunway see http://www.monash.edu.my/Student-services, and for South Africa see http://www.monash.ac.za/current/.

Monash University Library

The Monash University Library provides a range of services, resources and programs that enable you to save time and be more effective in your learning and research. Go to www.lib.monash.edu.au or the library tab in my.monash portal for more information. At Sunway, visit the Library and Learning Commons at http://www.lib.monash.edu.my/. At South Africa visit http://www.lib.monash.ac.za/.
Disability Liaison Unit

Students who have a disability or medical condition are welcome to contact the Disability Liaison Unit to discuss academic support services. Disability Liaison Officers (DLOs) visit all Victorian campuses on a regular basis.

Website: http://www.monash.edu/equity-diversity/disability/index.html
Telephone: 03 9905 5704 to book an appointment with a DLO; or contact the Student Advisor, Student Community Services at 03 55146018 at Sunway
Email: dlu@monash.edu
Drop In: Equity and Diversity Centre, Level 1, Building 55, Clayton Campus, or Student Community Services Department, Level 2, Building 2, Monash University, Sunway Campus

Your feedback to Us

Monash is committed to excellence in education and regularly seeks feedback from students, employers and staff. One of the key formal ways students have to provide feedback is through the Student Evaluation of Teaching and Units (SETU) survey. The University’s student evaluation policy requires that every unit is evaluated each year. Students are strongly encouraged to complete the surveys. The feedback is anonymous and provides the Faculty with evidence of aspects that students are satisfied and areas for improvement.

For more information on Monash’s educational strategy, see:
www.monash.edu.au/about/monash-directions and on student evaluations, see:
www.policy.monash.edu/policy-bank/academic/education/quality/student-evaluation-policy.html

Previous Student Evaluations of this Unit

Students have found this unit interesting and informative. Changes that have been made from student feedback have included rearranging the assignments to be more in line with the lecture content and scoping the assignment content.

If you wish to view how previous students rated this unit, please go to

Other

Recommended reading – journal and conference articles


Managing Barriers to business Reengineering success located at:
Other Information


Research, Sloan School of Management, MA, August 1999.


Located at: http://delivery.acm.org/10.1145/510000/505249/p74-scott.pdf?key1=505249&key2=8269509621&coll=GUIDE&dl=GUIDE&CFID=80880926&CFTOKEN=57269991


