MONASH University
Information Technology

FIT3015
Industrial experience project

Unit Guide

Semester 1, 2013

Last updated: 04 Mar 2013

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FIT3015 Industrial experience project - Semester 1, 2013

In their final year of study, students are given the opportunity to develop new skills and apply the knowledge and skills they have gained, in the development of an IT application for a real world client. In teams, students design, develop and deliver an IT applications for a client, manage the project through all its development stages, communicate effectively with all project stakeholders and develop project documentation to a professional standard. Students also present their project work to academics and other groups, attend unit seminars, and contribute in a professional and committed manner to the work of their team.

Mode of Delivery

- Caulfield (Day)
- Sunway (Day)

Contact Hours

1-2 hr seminar/wk, 2 x 3 hrs laboratories/wk as determined by supervisor

Workload requirements

Students will be expected to spend a total of 24 hours per week during the semester on this unit as follows:

- 1 hour meeting with your supervisor.
- At least 6 hours of meetings and discussion with your group.
- 1 hour seminar.
- 1 hour personal reflection which include: writing a blog about the weeks activities, keeping records of time spent on this unit and generally reflecting on what you have learned.
- Approximately 15 hours of additional work.

Unit Relationships

Prohibitions

CSE3301, GCO3819, GCO3700, GCO3800, GCO3900, GCO3800A, CPE3200, CPE3300, CSE3200, FIT2032, FIT3016, FIT3017, FIT3025, FIT3026, FIT3038, FIT3039, FIT3040, FIT3045, FIT3047, FIT3048, IMS3000, IMS3501, IMS3502

Prerequisites

((FIT1001 and FIT1005) or FIT1031) and ((FIT1040 and one of FIT1035, FIT1008, FIT2034, FIT2071, FIT2081) or FIT1002) and FIT1004 and FIT2001 and FIT2002 and (FIT1003 or FIT2003) and (12 pts of FIT units at any year level) and (12 pts of FIT 2nd or 3rd year units).

This unit is only available for students in their final semester of study (24 pts or less to complete) for whom the IE project is a core requirement. Students must have a credit average and no failed units in the previous year of study and must have chief examiner and course director approval to enrol.

Chief Examiner

Ms Chris Gonsalvez

Campus Lecturer

Caulfield

Gail Bourne

Consultation hours: Please email with a contact no. to organise an appointment

Sunway

Simon Egerton

Tutors

Caulfield

Nevo Hua

Consultation hours: Please email with a contact no. to organise an appointment

Academic Overview

Learning Outcomes

At the completion of this unit students will be able to:

- understand how IT applications are developed, including all aspects of the development process;
- understand the roles and responsibilities of clients, system users, management and developers in a development project;
- apply, in a practical setting, aspects of the theoretical work covered in their course;
- develop an IT application using a prescribed methodology, conducting all activities associated with the development methodology;
- work with clients or client representatives, communicating effectively with them to meet their requirements;
- operate effectively as a member of a development team.

Unit Schedule

Week	Activities	Assessment
0		No formal assessment or activities are undertaken in week 0
1	Each campus runs their version of the unit independently. Students will be advised of campus specific activities to be held each week.	Each campus runs their version of the unit independently. Students will be advised of campus specific delivery dates and deliverables.
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
	SWOT VAC	No formal assessment is undertaken in SWOT VAC
	Examination period	LINK to Assessment Policy: http://policy.monash.edu.au/policy-bank/academic/education/assessment/assessment-in-coursework-policy.html

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

Assessment Summary

In-semester assessment: 100%

Assessment Task	Value	Due Date
Practical Assessment - Project	100%	Varied throughout the semester, dates to be negotiated with Project Director. Please refer to campus specific information on unit website.

Teaching Approach

Work-integrated learning or industry-based learning

In this unit we try to simulate a real systems development experience. Groups of students work as a team with support from tutors and academic staff to develop a system for a real client. This teaching approach is experiential learning with active learner involvement in a practical environment. Reflection is

used to conceptualise the experience.

Assessment Requirements

Assessment Policy

Faculty Policy - Unit Assessment Hurdles
(http://www.infotech.monash.edu.au/resources/staff/edgov/policies/assessment-examinations/unit-assessment-hu

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

Assessment Tasks

Participation

- **Assessment task 1**

   Title:
   Practical Assessment - Project
   Description:
   A range of system development deliverables related to the project, details to be
   negotiated in the early stages of the development process.

   Detailed information about assessment, deliverables and due dates will be provided at
   each campus.
   Weighting:
   100%
   Criteria for assessment:
   How well the project meets the client's system requirements, and how well the team
   manages their project.

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

   Detailed information about criteria for assessment will be provided at each campus.
   Due date:
   Varied throughout the semester, dates to be negotiated with Project Director. Please refer
   to campus specific information on unit website.

Learning resources

Reading list

There are no recommended texts, however students are expected to have developed their own
collection of texts, URLs and other reference materials during the course of their studies, and will be
required to carry out research related to their specific project.

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
- Interviews

Extensions and penalties

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

You must negotiate any extensions formally with your campus unit leader via the in-semester special consideration process:
http://www.infotech.monash.edu.au/resources/student/equity/special-consideration.html.

Returning assignments

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

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.

The studio environment provides a large array of software and hardware for students to use within the studios, and some items are available for overnight loan. Please see the unit website for up-to-date listing. Anything additional is to be negotiated between the student teams and their clients. FIT will not normally provide additional hardware or software.

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
- Assessment in Coursework Programs;
  http://www.policy.monash.edu/policy-bank/academic/education/assessment/assessment-in-coursework-po
- Special Consideration;
  http://www.policy.monash.edu/policy-bank/academic/education/assessment/special-consideration-policy.ht
- 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/
- Academic and Administrative Complaints and Grievances Policy;
  http://www.policy.monash.edu/policy-bank/academic/education/management/complaints-grievance-policy.h
- Code of Practice for Teaching and Learning;
  http://www.policy.monash.edu.au/policy-bank/academic/education/conduct/suppdocs/code-of-practice-tea

Graduate Attributes Policy

http://www.policy.monash.edu/policy-bank/academic/education/management/monash-graduate-attributes-policy.h

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.htmlTelephone: 03 9905 5704 to book an appointment with a DLO; or contact the Student Advisor, Student Commuity Services at 03 55146018 at SunwayEmail: dlu@monash.eduDrop 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

Based on student and client feedback at the Caulfield campus:

- various activities will be carried out early in the semester to ensure a better mix of skills in each group;
- formal mechanisms have been introduced to get regular client feedback; and
- an iterative development approach has been introduced.

If you wish to view how previous students rated this unit, please go to
https://emuapps.monash.edu.au/unitevaluations/index.jsp