FIT3015
Industrial experience project

Unit Guide

Semester 2, 2014

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Table of Contents

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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

Malaysia (Day)

Workload Requirements

Minimum total expected workload equals 24 hours per week comprising:

- Two 3-hour studio sessions
- One 1-hour seminar
- One 1-hour supervisor meeting
- Approximately 16 hours of additional work which will include a range of systems development activities.

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

Mr Peter O'Donnell

Campus Lecturer

Malaysia

Simon Egerton

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:

Changes:

- Some actual tutorial exercises to ensure students understand the knowledge needed early on.
- Use of a LeanKIt Kanban as the project management tool to continue, as staff now have more experience of it.
- More emphasis in the seminars on the analysis and design aspects to ensure students understand that this is not just a coding/technical project and understand the importance of the client requirements/needs and possible improvements.
- Similarly, reiterating the importance of reflection of the students learning to the students.

Positive feedback of aspects that will continue:

- Collaboration within the team and among the teams.
- Learning completely new technologies, in that this has given the students the confidence to realise they can tackle anything when they work in industry.

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

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.

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 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.

Assessment Requirements

Assessment Policy

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

Academic Integrity - Please see resources and tutorials at
http://www.monash.edu/library/skills/resources/tutorials/academic-integrity/

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 (if applicable to the unit)
http://readinglists.lib.monash.edu/index.html

Faculty of Information Technology Style Guide

Feedback to you

Examination/other end-of-semester assessment feedback may take the form of feedback classes, provision of sample answers or other group feedback after official results have been published. Please check with your lecturer on the feedback provided and take advantage of this prior to requesting individual consultations with staff. If your unit has an examination, you may request to view your examination script booklet, see http://intranet.monash.edu.au/infotech/resources/students/procedures/request-to-view-exam-scripts.html

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.monash.edu.au/exams/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/student-academic-integrity-managing-pla 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). Please note that it is your responsibility to retain copies of your assessments.

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

Assessment Requirements

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:

- Student Academic Integrity Policy and Student Academic Integrity: Managing Plagiarism and Collusion Procedures ; http://www.policy.monash.edu/policy-bank/academic/education/conduct/student-academic-integrity-policy.h
- 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

Faculty resources and policies

Important student resources including Faculty policies are located at http://intranet.monash.edu.au/infotech/resources/students/

Graduate Attributes Policy

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

Student Charter

www.opq.monash.edu.au/ep/student-charter/monash-university-student-charter.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 Malaysia 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 Malaysia, 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 Commuity Services at 03 55146018 at Malaysia
- 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, Malaysia Campus