MONASH University

FIT3048
Industrial experience project

Unit Guide

Semester 2, 2009

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FIT3048 Industrial experience project - Semester 2, 2009

Chief Examiner:

Ms Chris Gonsalvez
Associate Head of School
Phone: +61 3 990 32554

Contact hours: Contact hours: By appointment only - please email me with a brief description of your query and a contact phone no.

Lecturer(s) / Leader(s):

Caulfield

Ms Janet Fraser
Lecturer
Phone: +61 3 990 34307
Fax: +61 3 990 44124

Mr Peter O'Donnell
Lecturer
Phone: +61 3 990 32502

Ms Chris Gonsalvez
Associate Head of School
Phone: +61 3 990 32554

Contact hours: Contact hours: By appointment only - please email me with a brief description of your query and a contact phone no.

Gippsland

Dr Shyh Teng
Lecturer
Phone: +61 3 990 26851

South Africa

Dr Jacques Steyn
Head of School
Phone: +27 11 950 4132

Malaysia

Mr Thomas O'Daniel

Introduction

Welcome to FIT 3048 Industrial experience project. This 6 point unit follows on from FIT 3047. During this unit you will finalise the project that you have started in FIT3047..

Unit synopsis

In their final year of study, students are given the opportunity to apply the knowledge and skills they have gained, in the development of an information system for a real world client. Students work in groups and will: design, develop and deliver an information system for a client, manage the project through all its development stages, communicate effectively with all project stakeholders, primarily via studios and meetings, develop project documentation to a professional standard, present their project work to academics and other groups, attend unit seminars, contribute in a professional and committed manner to the work of the group.

This is the second of two core industrial experience units for the Bachelor of Information Technology and Systems, Bachelor of Computing, Bachelor of Information Systems and Bachelor of Network Computing. After successful completion of FIT3047 and this unit, students will have completed their industrial experience project requirements.

Learning outcomes

Students will have knowledge of: the environment in which a client operates; eliciting information from a client; the project management process to measure and control development of a system; the scope and size of a system; the processes involved in the design, development and delivery of an information system; the effective management of clients, groups and individuals within groups; the roles and responsibilities of all project stakeholders.

Contact hours

Lecture/seminar: 1hr/week, studio: 3hrs/week, plus project work.

Workload

Your workload commitment to this unit are:

- 3 hour tutorial
- 1 hour seminar
- Approximately half an hour of personal reflection which includes: writing a blog about the weeks activities, keeping records of time spent on this unit and generally reflecting on what you have learned.
- Approximately 7 1/2 hours of additional work which may include the following: developing code, doing research about different aspects of systems development, development of documentation

Unit relationships

Prerequisites

FIT3047

Prohibitions

CSE3301, GCO2819, GCO3819, CSE3200, FIT3015, FIT3039, FIT3040, FIT3038, FIT3025, FIT3026, FIT3016, FIT3017 (Translation for CSE3200), FIT3114, FIT3115, FIT3116, FIT3117, IMS3000, IMS3501, IMS3502

Relationships

FIT3048 is a core unit in all of the major(s) of the BITS degree. Before attempting this unit you must have satisfactorily completed FIT 3047.

You may not study this unit and CSE3301, GCO2819, GCO3819, CSE3200, FIT3015, FIT3039, FIT3040, FIT3038, FIT3025, FIT3026, FIT3016, FIT3017 (Translation for CSE3200), FIT3114, FIT3115, FIT3116, FIT3117, IMS3000, IMS3501, IMS3502 in your degree.

Teaching and learning method

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. The seminars are developed to address specific issues during system development and we also include speakers from industry. The studio sessions are there for students to work on their project and to receive help from tutors and academic staff.

Timetable information

For information on timetabling for on-campus classes please refer to MUTTS, http://mutts.monash.edu.au/MUTTS/

Tutorial allocation

On-campus students should register for tutorials/laboratories using the Allocate+ system: http://allocate.cc.monash.edu.au/

Off-Campus Learning or flexible delivery

Project teams consisting of Off-CampusLearning (OCL) students from similar areas will be formed. To facilitate better communication in such teams, a discussion group will be created in MUSO for each OCL project team. Using this discussion group, members in each OCL team are expected to discuss various issues related to their project. Each project team must also communicate regularly with their allocated supervisor for guidance in the development of their project.

Unit Schedule

Week	Topic	Key dates
1	Campus specific seminars will be held	Campus specific key delivery dates will be set
2	Campus specific seminars will be held	
3	Campus specific seminars will be held	
4	Campus specific seminars will be held	
5	Campus specific seminars will be held	
6	Campus specific seminars will be held	
7	Campus specific seminars will be held	
8	Campus specific seminars will be held	
9	Campus specific seminars will be held	
10	Campus specific seminars will be held	
Mid semester break		
11	Campus specific seminars will be held	
12	Campus specific seminars will be held	
13	Campus specific seminars will be held	

Unit Resources

Prescribed text(s) and readings

There are no set texts, however students are expected to have developedtheir own collection of texts, urls and other reference materialsduring the course of their studies. Resources related to the seminarseries will be distributed during the seminar or listed on the unit website.

Recommended text(s) and readings

There are no recommended texts, however students are expected to havedeveloped their own collection of texts, urls and other referencematerials during the course of their studies.

Required software and/or hardware

The studio environment provides a large array of software and hardwarefor students to use within the studios, and some items are availablefor overnight loan. Please see the unit web site for up-to-datelisting. Anything additional is to be negotiated between the studentteam and their clients. FIT will not normally provide additional hardware or software.

Equipment and consumables required or provided

Information about computer use for students is available from the ITS Student Resource Guide in the Monash University Handbook.

TheStudio environment is well equipped with computers and peripherals.Studio computer peripherals (cameras, scanners, laptops, zip drivesetc.) are available for student use. This equipment is accessible viathe FIT loan system - ask the Caulfield FIT technical staff for moreinformation, or log a request via their web site:

http://www1.infotech.monash.edu.au/webservices/servicedesk/requestform/index.cfm

Study resources

Study resources we will provide for your study are:

Study resources provided for your study:

- Resource Guide

- Documentation Guide

- MUSO Website (this web site contains information for FIT3015, FIT3047 and FIT3048)

Assessment

Overview

Individual diaries/timesheets, Project documents, Group presentation/minutes, Peer Assessment, Delivered product, Examination

Faculty assessment policy

To pass a unit which includes an examination as part of the assessment a student must obtain:

- 40% or more in the unit's examination, and
- 40% or more in the unit's total non-examination assessment, and
- an overall unit mark of 50% or more.

If a student does not achieve 40% or more in the unit examination or the unit non-examination total assessment, and the total mark for the unit is greater than 44% then a mark of no greater than 44-N will be recorded for the unit.

You must gain at least 50% of the total marks for the unit. The deliverables outlined below in the Assignment Task Section can vary depending on the specific requirement of the project but need to be negotiated and approved by the tutor and/or academic.

All the deliverables are produced as a result of the work conducted by the group. Individual marks can differ from the group mark based on peer assessment, weekly reflections (blog) and the performance review. Your mark can be adjusted with up to 40% (up or down).

Students enrolled at the Caulfield Campus:

The deliverables outlined in the Assignment Task section below are all based on the effort of the group. However, to ensure that all students contribute towards the project and to monitor individual experience a number of deliverables are required:

- A weekly blog on the Server provided for this purpose. The quality and number of the blogs will be evaluated on a weekly basis by the tutor and can affect your project performance review mark. The goal of the blog is to record your individual reflection on the project and the group work. Furthermore, the tutor and academics utilise the bolgs to monitor the groupwork and progress of the project.

A weekly timesheet outlining the hours and type of work conducted during the week by each student. An Individual monthly review will be conducted by the tutor every four weeks. This review will influence the evaluation of the peer assessment and ultimately lead to a 40% variation of each individual mark.

Assignment tasks

Assignment coversheets

Assignment coversheets are available via "Student Forms" on the Faculty website:
http://www.infotech.monash.edu.au/resources/student/forms/
You MUST submit a completed coversheet with all assignments, ensuring that the plagiarism declaration section is signed.

Assignment submission and return procedures, and assessment criteria will be specified with each assignment.

- **Assignment task 1**

  Title:
  > Test Plan

  Description:

  Weighting:
  > 10%

  Due date:
  > Campus specific dates will be set

- **Assignment task 2**

  Title:
  > UPDATED Project Interpretation, Standards and Governance

  Description:

  Weighting:
  > 10%

  Due date:
  > Campus specific dates will be set

- **Assignment task 3**

  Title:
  > UPDATED Functional Requirements Specification and Design Specification

  Description:

  Weighting:
  > 10%

  Due date:
  > Campus specific dates will be set

- **Assignment task 4**

  Title:
  > Project Documentation (Test docs, user docs)

  Description:

  Weighting:
  > 20%

  Due date:
  > Campus specific dates will be set

- **Assignment task 5**

  Title:
  > Presentation of final system

  Description:

  Weighting:
  > 10%

  Due date:
  > Campus specific dates will be set

- **Assignment task 6**

Title:
        Working system
Description:
Weighting:
        20%
Due date:
        Campus specific dates will be set

- **Assignment task 7**

Title:
        Weekly reflections (blog)
Description:
        A reflection on a weekly basis of what you have learned and experienced during the week. You are required to do 10 per semester + 1 at end of semester. These blogs will be used to evaluate your personal contribution to the project and might affect your mark up to 20%.
Weighting:
        Personal contribution evaluation can affect your mark up or down with 20%
Due date:
        Campus specific dates will be set

- **Assignment task 8**

Title:
        Peer Assessment
Description:
        A reflection on a weekly basis of what you have learned and experienced during the week. You are required to do 10 per semester + 1 at end of semester. These blogs will be used to evaluate your personal contribution to the project and might affect your mark up to 20%.
Weighting:
        Personal contribution evaluation can affect your mark up or down with 20%
Due date:
        Campus specific dates will be set

Due dates and extensions

Please make every effort to submit work by the due dates. It is your responsibility to structure your study program around assignment deadlines, family, work and other commitments. Factors such as normal work pressures, vacations, etc. are not regarded as appropriate reasons for granting extensions. Students are advised to NOT assume that granting of an extension is a matter of course.

Students requesting an extension for any assessment during semester (eg. Assignments, tests or presentations) are required to submit a Special Consideration application form (in-semester exam/assessment task), along with original copies of supporting documentation, directly to their lecturer within two working days before the assessment submission deadline. Lecturers will provide specific outcomes directly to students via email within 2 working days. The lecturer reserves the right to refuse late applications.

A copy of the email or other written communication of an extension must be attached to the assignment submission.

Refer to the Faculty Special consideration webpage or further details and to access application forms:
http://www.infotech.monash.edu.au/resources/student/equity/special-consideration.html

Late assignment

Assignments received after the due date will be subject to a penalty of 10% per day, assignments received later than one week after the duedate will not normally be accepted.

Return dates

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

Appendix

Please visit the following URL: http://www.infotech.monash.edu.au/units/appendix.html for further information about:

- Continuous improvement
- Unit evaluations
- Communication, participation and feedback
- Library access
- Monash University Studies Online (MUSO)
- Plagiarism, cheating and collusion
- Register of counselling about plagiarism
- Non-discriminatory language
- Students with disability
- End of semester special consideration / deferred exams