MONASH University
Information Technology

**FIT3039
Studio 1**

Unit Guide

Semester 2, 2012

Last updated: 17 Jul 2012

Table of Contents

FIT3039 Studio 1 - Semester 2, 2012

The principal development process focus of the unit will be on the social, legal and business context in which multimedia and games development companies must operate. Students will work actively in teams on the development of a multimedia or games application or exhibit. Project teams will use project planning/management skills, and design and build a prototype of the project using appropriate software processes and methodologies. Students will integrate multimedia, programming and technical knowledge in the development process. Requirements are fulfilled by the team producing an identified set of deliverables. The team must ensure that each deliverable is completed on schedule.

Mode of Delivery

- Berwick (Day)
- Caulfield (Day)

Contact Hours

1 hr lecture/wk, 3 hrs tutorials/wk

Workload

Students will be expected to spend a total of 12 hours per week during semester on this unit as follows:

Studio has specific workload and attendance requirements. In class requirements include:

- One-hour lecture (compulsory)
- Three-hour studio session (compulsory)

You will also be required to put in eight hours outside the allocated in class studio time. This time is needed for:

- Team meetings
- Client meetings
- Product development
- Preparation of project deliverables
- Process Journal upkeep

Unit Relationships

Prohibitions

MMS3404, MMS3407

Prerequisites

(FIT1002 and FIT1004 and FIT1031 and FIT2001 and FIT2002 and (FIT1003 or FIT2003) and ((FIT2026 and FIT2072) or FIT2049)
Systems analysis and design, Project management, and the fundamental multimedia and/or games development tools.

Chief Examiner

Mr Mark Power

Campus Lecturer

Berwick

Mark Power

Consultation hours: Wednesday 10AM-12Noon

Caulfield

Derrick Martin

Consultation hours: Monday 2PM - 4PM

Tutors

Berwick

Mark Power

Caulfield

Derrick Martin

Academic Overview

Outcomes

At the completion of this unit students will have -
A theoretical and conceptual understanding of:

- the roles and responsibilities of clients and developers in a multimedia or games development project;
- the methodologies, tools and techniques required for delivering a functional multimedia system or game.

Developed attitudes that enable them to:

- approach the development process ethically and professionally.

Developed the skills to:

- develop a significant multimedia/game application, primarily project definition, design, and prototyping;
- apply project management techniques to a multimedia/game development project;
- integrate multimedia, programming, and technical skills in the design and development of a system prototype;
- develop effective user and system documentation;
- evaluate personal performance and performance of a development team.

Demonstrated the teamwork skills necessary to:

- communicate effectively with clients and members of the development team;
- work effectively in a team.

Graduate Attributes

Monash prepares its graduates to be:

1. responsible and effective global citizens who:

a. engage in an internationalised world
b. exhibit cross-cultural competence
c. demonstrate ethical values

critical and creative scholars who:

a. produce innovative solutions to problems
b. apply research skills to a range of challenges
c. communicate perceptively and effectively

Assessment Summary

Practical assignments: 100%. Assignments will include group and individual components.

Assessment Task	Value	Due Date
Project Plan	20%	Week 5, 22 August 2012, 5pm
Process Journal Submission 1	20%	Week 7, 5 September 2012, 5pm
Formal Product Presentation	10%	Week 12 (in Studio)
Final Product Delivery and Process Journal Submission 2	50%	Week 14, 31 October 2012, 5pm

Teaching Approach

Studio teaching

Studio teaching is a facilitated active, participatory, peer learning approach.

Feedback

Our 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

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 SETU, Student Evaluation of Teacher and Unit. 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, and on student evaluations, see:
http://www.monash.edu.au/about/monash-directions/directions.html
http://www.policy.monash.edu/policy-bank/academic/education/quality/student-evaluation-policy.html

Previous Student Evaluations of this unit

Previous feedback has highlighted the unit is strong in its flexible learning, structure and assessment items. Students have also indicated that group communication may be an issue if an effective management system are not in place. Teaching has been refocused towards integrating a group communication system that is supported by the unit tutors and incorporates inherent hurdles that identify individuals who are in need of additional facilitation and guidance and who receive problem-oriented directions from the unit leaders. Smaller cohorts at some locations has made this change unnecessary in all cases, but has increased a need for careful scoping and evaluation of project direction and academic leadership that has been successful in ensuring that professional, advanced elements are part

of student work.

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

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.

There are no specific software requirements for this unit due to the varying nature of the projects chosen. After choosing your project you will be required to use the most appropriate development software.

Unit Schedule

Week	Activities	Assessment
0		No formal assessment or activities are undertaken in week 0
1	Unit Expectation, Project Outline, Process Journals	
2	Assessing Project Feasibility, Project Concept Development	
3	Finalising the Project Concept	
4	Project Documentation Development	
5	Presentation of Project Concept	Assessment task 1: Project Plan due Week 5, 22 August 2012, 5pm
6	Project Prototyping	
7	Project Development and Research	Assessment task 2: Process Journal Submission 1 due Week 7, 5 September 2012, 5pm
8	Intellectual Property	
9	Folios and Careers	
10	Multimedia and Game Testing	
11	Presentation Skills	
12	Presentations	Assessment task 3: Formal Product Presentation due Week 12 (in Studio); Assessment task 4: Final Product Delivery and Process Journal Submission 2 due Week 14, 31 October 2012, 5pm
	SWOT VAC	No formal assessment is undertaken 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 MUSO (Blackboard or Moodle) learning system.

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

Hurdle Requirements

This unit has a group based assessment component of 60% and an individual component of 40%

To pass in this unit a student must obtain:

- 40% or more in the individual assessment, and
- 40% or more in the group assessment, and
- an overall unit mark of 50% or more.

If a student does not achieve 40% or more in the unit group assessment or the unit individual
assessment total assessment, and the total mark for the unit is greater than 50% then a mark of no
greater than 49-N will be recorded for the unit.

Participation

**Due to the nature of group work in this subject, it is expected that all students will attend 100% of
classes. Failure to do so may result in difficulties with passing the unit.**

If you are absent for more than two tutorial sessions you must supply a medical certificate or other
appropriate documentation. For applying for special consideration refer to the link provided under
'Extensions and penalties' at the end of this section.

If you are finding problems with this requirement please ensure you speak to your unit adviser as early
as possible. It is your responsibility to ensure that you can make this commitment before you embark on
this subject.

Please note that attendance at tutorials without any study outside of allocated class times will not be
sufficient to complete the work required.

Make sure you have a copy of the project you are working on with you when you attend classes.

Assessment procedures for a non–performing team member

If the unit assessor, or one or more team members, becomes concerned regarding the contribution of
one or more members of a group then the unit assessor will determine, using the project documentation,
examination of Process Journals and discussion with the students concerned whether the student or
students are making an equitable contribution to the work of the group.

Assessment Requirements

If it is determined that the student or students are not making an equitable contribution to the work of the group they may be deemed to be a non-performing team member.

In the event of this determination being made the group component of their assessment will be multiplied by a factor of up to 0.5 to arrive at a raw score.

- **Assessment task 1**

Title:
Project Plan

Description:
The project plan lays the foundation for your entire project. In this document you must present the project you are tackling and prepare a plan for development of the product. The plan should cover such areas as specific requirements, task breakdown, scheduling, quality issues, and the like. This document will also include your concept ideas as an appendix. Explicit detail will be provided on the unit website.

Weighting:
20%

Criteria for assessment:

- ♦ Attention to technical detail and scope of project
- ♦ Clarity & design of layout / inclusion of relevant sections
- ♦ Innovation in application and originality of concept
- ♦ Evidence of research undertaken and testing strategies

Due date:
Week 5, 22 August 2012, 5pm

Remarks:
Full assignment details will be posted on MOODLE

- **Assessment task 2**

Title:
Process Journal Submission 1

Description:
This is the first submission of your individual project documentation. This consists a journal that should show your contributions and reflection on the project. It will contain written reflections, analysis, drawings, screenshots, and any other material that provides insight into your role on the project. This first submission should place inherent focus on the research and design elements of the project.

Weighting:
20%

Criteria for assessment:
Research

- ♦ Detailed evidence of individual research being undertaken and reflection on your findings in this area
- ♦ Evidence of a process/methodology

Development

- ♦ Discussion of individual ideas designs, brainstorming
- ♦ Discussion of implementation and planning

Learning

♦Discussion of individual/group achievements successes and problems.
♦Discussion of problem-solving and reflection on this process

Production

♦Discussion of new skills developed/used.
♦Discussion of your contributions made to the project each week in relation to your project timeline.

Due date:
Week 7, 5 September 2012, 5pm
Remarks:
Full assignment details will be posted on MOODLE

• **Assessment task 3**

Title:
Formal Product Presentation
Description:
This is a formal presentation / demonstration of the product, including discussion of the process undertaken.
Weighting:
10%
Criteria for assessment:

♦Clarity of presentation
♦Demonstrated development in skills
♦Demonstrated understanding of key processes undertaken
♦Discussion of problems encountered and solutions implemented

Due date:
Week 12 (in Studio)
Remarks:
Full assignment details will be posted on MOODLE

• **Assessment task 4**

Title:
Final Product Delivery and Process Journal Submission 2
Description:
This is the delivery of the final product or prototype. Delivery includes formal handover of all product content, as well as a second submission of your individual project journal. The journal should show your contributions and reflection on the project. It will contain written reflections, analysis, drawings, screenshots, and any other material that provides insight into your role on the project.
Weighting:
50%
Criteria for assessment:

♦**Overall design quality**

◊ Intuitive/transparent design implementation.
◊
♦**Functionality/Technical ability**

◊ Key technical issues addressed

◊ Overall quality of the product in technical and creative terms.
◊

♦ **Innovation & originality of content**

◊ Suited to the purpose of the product
◊ Creative solutions implemented

Research

♦ Detailed evidence of individual research being undertaken and reflection on your findings in this area
♦ Evidence of a process/methodology

Development

♦ Discussion of individual ideas designs, brainstorming
♦ Discussion of implementation and planning

Learning

♦ Discussion of individual/group achievements successes and problems.
♦ Discussion of problem-solving and reflection on this process

Production

♦ Discussion of new skills developed/used.
♦ Discussion of your contributions made to the project each week in relation to your project timeline.

Due date:
Week 14, 31 October 2012, 5pm
Remarks:
Full assignment details will be posted on MOODLE

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 VLE site for this unit, which you can access via links in the my.monash portal.

Extensions and penalties

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

Assessment Requirements

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.

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: http://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 (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.h
- 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/key-dates/);
- Orientation and Transition (http://www.infotech.monash.edu.au/resources/student/orientation/); and
- Academic and Administrative Complaints and Grievances Policy (http://www.policy.monash.edu/policy-bank/academic/education/management/complaints-grievance-policy.
- Codes of Practice for Teaching and Learning (http://www.policy.monash.edu.au/policy-bank/academic/education/conduct/suppdocs/code-of-practice-tea

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 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/

The Monash University Library provides a range of services and resources that enable you to save time and be more effective in your learning and research. Go to http://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/.

Academic support services may be available for students who have a disability or medical condition. Registration with the Disability Liaison Unit is required. Further information is available as follows:

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

Other

Responsibility for student work

Students should note that they are, at all times, responsible for their work. All relevant material should be backed up on a regular basis to CD, DVD or Flash disks. The university has CD & DVD burners in the computer labs and blank CDs/DVDs may be purchased through the on-campus bookstore. Loss of assignment work due to hardware failure, virus or theft will not be accepted as reasons for late or non-submission of work. Students must hold an exact copy of all work which they submit for assessment, this copy should be held until your final result for the unit is released.