MCI Project

Semester 1,2018
Course Introduction

Welcome!

- This course is an introduction to the development and management of large software projects.

- You will learn this by applying techniques used to manage larger projects to your <u>own</u> project.
  - This project will have a substantial software component and solve an interesting problem.
  - You will get to write and document the software.
  - You will be advised by a supervisor/client.

Introductions

- Lecturers

  Cruz Izu   cruz@cs.adelaide.edu.au

  Amali Weeransinghe   amali.weerasinghe@adelaide.edu.au

- Use the forums for generic questions on the course or your project
  - May ask technical questions to supervisor

- Use email to ask for extension or report other personal issues to me

Course Outline

- This document is a summary of the academic and administrative arrangements for this course.

- Link via Canvas.

- Read it! It is important.

- What follows covers some but not all of that is in that document.

Teaching Arrangements

- Most learning in this course comes from the project but there will be about twelve lectures (in six two-hour sessions).

- Lecture attendance is not compulsory, BUT...
  - Many lectures will contain advice and practice
  - We go through example problems to reinforce the concepts you need for the project and give vital feedback.
  - Provide peer support

- For lecture schedule see canvas.

Study Load

- The contact time for courses varies.

- For a full-time student, you should expect to spend around 36-40 hours per week on your studies.

- For this course, you should allocate 27-30 hours of work per week

- You have 2-3 contact hours per week. You should spend another 24 hours on study, preparation and project work.

Assessment

- Assessment for this course is based on your project.
  - There is no examination for this course

- The project work for this course is in four components:
  - Oral Presentations 30%
  - Written Documents 30%
  - Software Milestones 30%
  - Project management activity, worth 10%

- You are expected to participate in all activities, attend lectures and submit your assignments on time.

Project Artefacts

- These are what you'll do to get your marks
  - Pitch Presentation (week 4 tutorials) 10%
  - Business Case (end of week 4) 5%
  - Online Project Management (from week 3) 10%
  - Iteration 1 milestone (end of week 6) 15%
  - Iteration 2 milestone (end of week 10) 15%
  - Testing plan (week 10) 5%
  - Final Presentation + Demo (week 13 tutorials/lectures) 20%
  - Final Report (end of week 13) 20%

Project Expectations

- For your project you will be expected to work independently (or with your team members):
  - Do your own research.
  - Choose your tools and methodology - with advice from your supervisor.
  - Implement your project.
- We are here to help if there is a problem
  - Tell us early.
- We can provide you with feedback
  - But we will not do your testing for you.

Grades

Mark	Grade		Notes
85-100%	High Distinction	HD	Great!
75-84%	Distinction	D	Very good
65-74%	Credit	C	Good
50-64%	Pass	P	Satisfactory
0-49%	Fail	F	Cannot count this course for points or as a pre-requisite.
0%	Fail No Submission	FNS	No work submitted for assessment
	Result Pending	RP	Mark has not yet been finalised.

If you see an RP on your transcript, it means that your mark is not currently available. If you don't know why, you should contact your course coordinator.

Minimum Performance

- You are required to achieve at least the minimum standard in the components of a course to receive a passing grade.
- If your mark for any individual component is less than 40% of the available marks for that component, your overall mark will be capped at 44F.
- To pass, you must obtain a passing mark overall and achieve at least 40% of the available marks in all of the course components.

Late Policy

- You should hand your coursework in on time.
- If you hand in your work late, your mark will be capped, based on how many days late it is.
  - 1 day late – mark capped at 75%
  - 2 days late – mark capped at 50%
  - 3 days late – mark capped at 25%
  - more than 3 days late – no marks available

Extensions

- You may be granted medical or compassionate extensions for a piece of assessment.
  - You must provide supporting evidence, such as medical certificates or counseling service letters.
    - You should also apply for extensions as soon as you are aware that there might be a problem and you must apply for an extension before the assignment deadline passes!
- Extension requests should be made to Cruz Izu.
- You will normally only receive an extension equivalent to the number of days covered by your documentation. Don't expect to get an extra week because you lost a day.

Plagiarism

- The University has strict policies prohibiting students from presenting other people's work as their own, whether that of students or from outside the University.
- We don't give you assignment work just to keep you busy, we do it to develop your understanding and ability to apply important techniques.
- If you don't do the work yourself, you won't be able to do it in the examination and you won't be able to do it in the work force.
- The best way to avoid the need to plagiarise is to start preparing your assignments early. Don't let your work get on top of you!

Plagiarism

- You should read these policies:
  - Plagiarism: http://www.adelaide.edu.au/policies/230/
  - Cheating: http://www.adelaide.edu.au/policies/1963/
- You may not copy code from another student or give another student your code to copy from, unless specifically authorised to do so by a staff member.
  - You may not copy code from anywhere else, without permission.
  - If caught, you may receive zero for the assignment, zero for the course or be expelled.
  - Last year, we caught a number of people, some of whom failed because of their lost marks. Do your own work!
- If you get stuck, seek help from the lecturer, tutor or prac demonstrator rather than copying from someone else. Starting your work early will help you to avoid getting stuck at the last minute.

Supplementary Assessment

- Academic Supplementary Assessment
  - If your final result is 45-49, an **academic supplementary examination** is automatically granted.
- In this course, it will mean you get a new deadline to complete failing components or testing, so that the core of your project is completed.

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Assessment Documents

- All assessment documents are posted on Canvas

- Guidance as to what you should be thinking about and doing each week is posted on Canvas
  - Subject to update.

- Use these resources!

- There are two assessments due in week 3-4
  - The Pitch Presentation
  - Definition of first milestone