COMP1102/8702
ENGR1721/8800

Computer/Engineering
Programming 1
Week 1
Dr. Carl Mooney

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Overview

- Course outline
  - Text Book
- SAM
  - Computer Labs
  - 3 Weekly Quiz
  - Exam
- FLO
- Expectations

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Focus of the Course

- Object-Oriented Software Development
  - problem solving, program design, implementation, and testing
  - programming concepts
    - sequence
    - decisions
    - iteration
  - object-oriented concepts
    - classes
    - objects
    - encapsulation
    - inheritance
    - polymorphism
  - graphical user interfaces (not a major focus)
  - the Java programming language

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Contact Details

- Topic Coordinator
  - Carl Mooney
  - IST Room 227
  - Phone: 8201 5041
  - Email: carl.mooney@flinders.edu.au
- Consulting Times
  - 2pm – 3pm Tonsley Rm 3.19
  - 9:30am – 11am IST 227

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Organisation

- Each week class contact consists of:
  - 2 hours of lectures
    - Theory and fundamentals
  - 1 hour of workshop
    - Practical demonstration of concepts
  - 2 hours of laboratory
    - Practical work on checkpoints

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Practicals

- Complete a number of programming tasks (checkpoints)
  - Progression and scaffolded
- Exercise based assessment
  - Show and discuss code
  - Receive mark in lab times
- You will NOT be able to complete all the work in just the practical times
  - Significant work will need to be completed at home or outside of practical times

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Textbook

Eighth Edition

JAVA
PROGRAMMING
Joyce Farrell

- Link to the publishers website
  - Java Programming (8th Edition)

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Assessment COMP1102/ENGR1721

Format of each form of assessable work	Proportion of total marks	Deadline for submission*	Penalties to be applied if deadline is not met	Date work is expected to be returned to students
Weekly Laboratory Checkpoints X 55 plus 5 bonus	30%	During registered practical session each week	Zero marks	NA
Quiz x 4 – multiple choice and short answer questions	20%	Released in Week 3, 6, 9, and 12	Zero marks	Wednesday of the week following the quiz
Written Exam	50%	During the University examination period	Zero marks	NA

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Assessment COMP8702/ENGR8800

Format of each form of assessable work	Proportion of total marks	Deadline for submission*	Penalties to be applied if deadline is not met	Date work is expected to be returned to students
Weekly Laboratory Checkpoints X 55 plus 5 bonus	30%	During registered practical session each week	Zero marks	NA
Quiz x 4 – multiple choice and short answer questions	20%	Released in Week 3, 6, 9, and 12	Zero marks	Wednesday of the week following the quiz
Written Exam	40%	During the University examination period	Zero marks	NA
Research Report	10%	Week 12	5% loss per day or part thereof	Within 2 weeks of submission

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Plagiarism & Academic Dishonesty

Plagiarism is a form of academic dishonesty that involves presenting another person's work as your own, or showing another person your work when it is reasonable to believe that they might then submit it as their own. The University treats such matters seriously, and will apply penalties without favour. At the very least, you will not get credit for work that's not yours, nor will you get credit for your own work if you allow others to use it. In serious cases of plagiarism, the University policy prescribes severe penalties. You should take the time to become familiar with the University policy, which is available on-line from the following location:
https://www.flinders.edu.au/teaching/quality/aims/information-for-students.cfm

Ignorance of the policy is not an acceptable excuse.

Working together and helping each other is a great way to learn. However, any work that you present for individual assessment **must** be your own. **You can discuss with others what is required and the general process of doing it, but you must not directly or indirectly give nor receive the contents of any part of a solution in any form whatsoever.**

http://www.flinders.edu.au/Teaching_and_Learning_Files/Documents/policy_flowchartsml.pdf

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FLO

- Topic content will be available on FLO
  - Lectures
  - Drill Exercises
  - Practicals
  - Examples
- I encourage you to use the forums on FLO to communicate with your fellow students
  - Any conduct not appropriate will result in deleted posts and restricted access
- When communicating with the whole topic I will use the announcements… so check often!

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Extensions

- Medical certificate – of course!
  - Use form "Application for Supplementary Assessment or Extension on Medical or Compassionate Grounds"
  - It must be lodged within 3 working days of deadline!
- UNFORESEEN work commitments
  - work not part of usual duties, unexpected or unavoidable
  - Letter from employer
- Other grounds, comprising extenuating circumstances beyond your control, e.g. death in the family, victim of crime
  - Statutory declaration by applicant and/or other corroborative evidence, e.g. death notice, police report

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Extensions

- The following circumstances are **NOT** grounds for special consideration:
  - Other assignments due on or about the due date
  - Printer/computer failure
    - Learn how to back up
  - Foreseeable work commitments
  - Inability to submit assessable work on time due to public transport, parking or traffic difficulties
  - Inability to submit assessable work on time due to internet problems

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Expectations

- You can expect me to do all I can to impart knowledge about Computer Programming.
- You can expect me to be approachable for discussions about the topic and to help you in any way I can.
- You cannot expect me to go over EVERYTHING, there is just too much for the time available.

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Expectations

- I expect you to read the relevant chapters BEFORE the lecture.
- I expect you to read more than the textbook.
- I expect you to contribute your opinions in lectures and practicals.
- I expect you to ask lots of questions.
- I expect you to tell me when you do not understand something or if you think I am wrong.

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