

COMP1200 - Perspectives on Computing*

*Acknowledgment to Chris Johnson for earlier versions of these slides.

COMP1200 - Perspectives on Computing

Name : Billy Duckworth

Dept : Mathematical Sciences Institute

Office : Room 2002, P.A.P. Moran Building

COMP1200 - Perspectives on Computing

- Weight : 6 units
- Duration : One semester
- Prerequisites : None
- Presentation mode : 30 lectures, 2 tutorials, 2 laboratories
- Course co-ordinator : Brendan McKay
- Lecturer : Billy Duckworth
- Assignments : 2
- Exams : 2

COMP1200 - Perspectives on Computing

Lectures

Monday	10:00-12:00	HA G053
Wednesday	12:00-14:00	MC T4

Tuts and Labs(2 hours): Weeks 5 and 7; Mon @ 12:00
Mon @ 17:00
Fri @ 11:00

COMP1200 - Perspectives on Computing

Consultation Hour

Day	Time	Venue
Wednesday	2pm	P.A.P. Moran 2002

COMP1200 - Perspectives on Computing

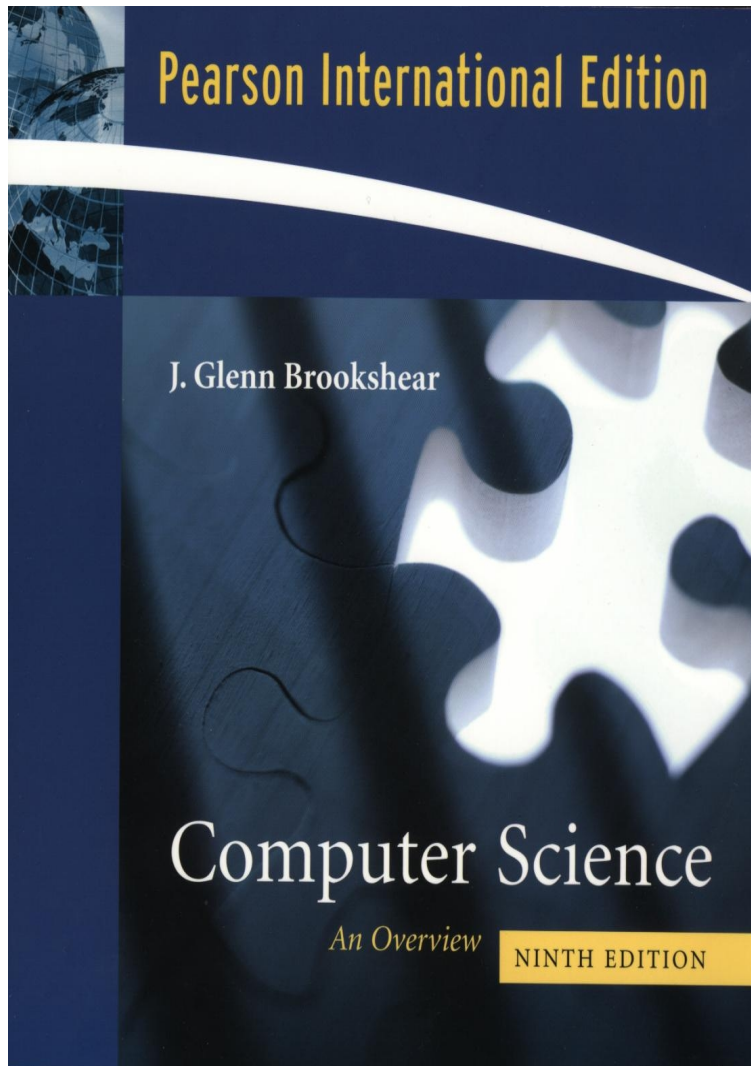
Course Description

Gives a broad view of computing.

The topics covered include:

- Computer Architecture
- Operating Systems and Networks
- Computation
- Information Systems and Information Technology Issues
- The History of Computing
- Software Engineering
- Professional Issues

COMP1200 - Perspectives on Computing



The prescribed text book
is the following:

Computer Science
- An Overview
J Glenn Brookshear
9th Edition
Addison Wesley, 2006

COMP1200 - Perspectives on Computing

Work load

You are committed to 2.5 hours of lectures and 1 hour of tutorial and laboratory time, on average, per week.

The assignment deadlines are spread throughout the semester, so you can work on them progressively.

Assignment material will be covered before the assignment is due.

Prepare for lectures in advance and keep a regular study schedule.

Trying to catch up before an assignment deadline, or before the exams, is not an effective technique.

Expect to put in at least 3 hours of study per week.

COMP1200 - Perspectives on Computing

Notices

Check these newsgroups regularly:

`comp1200.announcements`

`comp1200.talk`

The first one is for announcements by the course lecturers, while the latter is primarily for group discussion.

Links to these groups are available off the COMP1200 home page:

(<http://cs.anu.edu.au/student/comp1200>)

Check the home page regularly as well.

COMP1200 - Perspectives on Computing

Getting assistance

Try the following avenues for assistance:

- Look at the [home page](#).
- Talk to other students.
- Check the [comp1200.talk](#) newsgroup.
- Send electronic mail to the lecturer (Billy.Duckworth@maths.anu.edu.au) or the course co-ordinator (bdm@cs.anu.edu.au).
- Difficulties with lecture material can be brought up in the next tutorial or laboratory, or at the end of a lecture.
- Meet with your tutor or the concerned lecturer during their consultation hours.

COMP1200 - Perspectives on Computing

Assessment

The assessment consists of two components: the class mark (C) and the exam mark (E). The break up is as follows:

The class mark consists of 2 assignments and marks for tutorials and labs.

The exam mark consists of a mid-semester exam in week 7 and a final exam at the end of the semester.

COMP1200 - Perspectives on Computing

Assessment

The C and E components, each of which is a mark out of 100, are combined to yield the final mark (FM) for the course, using the following formula:

$$FM = \begin{cases} 0.3 * C + 0.7 * E & \text{if } (C \geq 40 \text{ and } E \geq 40) \\ \min(0.3 * C + 0.7 * E, C + 10, E + 10) & \text{otherwise} \end{cases}$$

The minimum final mark required for a pass grade is 50.

In addition, the above marking scheme ensures that students must obtain at least 40% in each component to pass the course.

COMP1200 - Perspectives on Computing

Assessment - Class Mark

The class mark consists of the following:

- Tutorial preparation and participation (10 marks)
- Laboratory participation and performance (10 marks)
- Assignment 1 - Due week 8
- Assignment 2 - Due week 12

COMP1200 - Perspectives on Computing

Assessment - Exam Mark

The exam mark consists of the following:

- Mid-semester exam (20 marks) Held in week 7
- Final exam (80 marks) Held at end of semester

COMP1200 - Perspectives on Computing

Assessment - Supplementary Examinations

There will be no supplementary mid-semester exam.

Write a letter to Professor Brendan McKay, with supporting documentation, if you miss this exam due to unavoidable reasons.

A supplementary final exam will be awarded only to those students who have a final mark between 45 and 49 and by getting a bare pass (50) in the supplementary exam, will pass the course.

(This will require a class mark of 50 or over.)

COMP1200 - Perspectives on Computing

Plagiarism

The department encourages collaborative work in tutorials, laboratories, and self study.

However, your assignments must be *entirely your own work*.

Read the departmental policy on plagiarism which is stated in the *Computer Science Student Handbook*.

COMP1200 - Perspectives on Computing

Extensions

Extensions will only be granted in extraordinary circumstances and can only be given by the **course manager**.

You have to approach the lecturer as soon as possible and bring any documentary evidence with you.

The lecturer may grant an extension, may vary the specifications of your assignment, or (in truly exceptional cases) may vary your assessment in some other appropriate way.

COMP1200 - Perspectives on Computing

What's in this course for you

A broad study of the computing discipline, upon which you can build your further study in IT.

An understanding of professional ethics and social issues with respect to the IT field.

A good grounding in technical report writing, including locating and using relevant material.

COMP1200 - Perspectives on Computing

What you are expected to do

- Come prepared to lectures, tutorials and laboratories.
- Work regularly on the material.
- Gain an understanding of the subject area. Clarify your doubts.
- Provide feedback on the material, the course and any aspects related to it including the teaching, the effectiveness of the material, the assignments, laboratories and so on.

COMP1200 - Perspectives on Computing

What we are expected to do

- Impart knowledge in a timely, interesting fashion.
- Provide interesting/challenging assignments, tutorials and laboratories.
- Provide timely feedback on your progress.
- Help clarify your doubts.

COMP1200 - Perspectives on Computing

What you must do this week

Enroll in tutorials and laboratories for this course. You can do this by going to the following URL:

<http://cs.anu.edu.au/streams/>

If you run into problems, talk to the Technical Support Group (TSG) for assistance.