

COMP3410/COMP6341
Information Technology in Electronic
Commerce

Course Manager : Dr. Ramesh Sankaranarayana
Dept of Comp Sci
Office : Room N324, CSIT building

COMP3410

Information Technology in Electronic Commerce

Points	:	6 units
Duration	:	One Semester
Prerequisites	:	COMP1100; 12cp 2000-series IT; : 6 units of of 1000-series maths/stats
Presentation mode	:	30 lectures, 6 tutorials/laboratories
Course Manager	:	Ramesh Sankaranarayana
Lecturers	:	Tom Worthington : David Hawking : Roger Clarke : Derek Wang
Assignments	:	2
Exams	:	1

Where does this course fit?

This course is one among four that deals with the general area of E-Commerce. The others are:

- COMP2410 Networked Information Systems
- INFS2004 Electronic Business
- INFS3002 Electronic Commerce Strategic Issues

Lecture and Tut/Lab details

Lectures

Tuesday	13-15	PHYS T
Wednesday	12-13	JD 101

Tuts/Labs

Weeks 3,4,5,7,9 and 10

Consulting Hours

Day	Time	Venue
Wednesdays	2-3	N324

Course Description

Studies the current and potential applications of IT in e-commerce.

The topics covered include:

- Trading - spontaneous, deliberative, auctions. Roger
- Security - encryption, symmetric/public keys, PKI, authentication. Ramesh
- Knowledge discovery - meta-data, information retrieval. Tom, David
- Knowledge representation - XML, XSL, DTD, CSS. Ramesh
- Data management - electronic document management. Tom
- Web Services. Derek Wang

There is no prescribed text book. Will use a lot of on-line references. Suggested reference material include:

Web Security, Privacy & Commerce
Simson Garfinkel with Gene Spafford
O'Reilly and Associates, 2002

Work load

You are committed to 2.5 hours of lectures, and 1.5 hours of tutorial and laboratory time, on the average, per week. The assignment deadlines are spread throughout the semester, so you can work on them progressively. Material for the assignments will be covered well before the assignment is due.

You should prepare for the lectures in advance. Keep a regular study schedule. Trying to catch up before an assignment deadline, or before the exams is not an effective technique.

Notices

Check the forums **News Forum** and **General Discussion** on regularly. Announcements are made in both, while the latter is primarily for group discussion. You can access these forums using **wattle** (<https://wattlecourses.anu.edu.au/>). Check the home page on a regular basis.

Getting assistance

Try the following avenues for assistance:

- Look at the [home page](#).
- Talk to other students.
- Check the [Group Discussion](#) forum on wattle. You can also post questions there.
- Send electronic mail to the lecturer for the topic. Send general questions to ramesh@cs.anu.edu.au, with [COMP3410](#) included in the subject line. Your email will normally be answered in a day.
- Difficulties with lecture material can be brought up in the next tutorial or laboratory, or at the end of a lecture.

Assessment

The assessment consists of two components: the continuous assessment (C) and the examination component (E). The break up is as follows.

The continuous assessment consists of 2 assignments. The examination component consists of a final exam at the end of the semester.

Assessment (contd)

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:

$$FM = 0.3 * C + 0.7 * E$$

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

Assessment - Continuous Assessment

The continuous assessment consists of two assignments, as follows:

- Assignment 1 - worth 50% (marked out of 100) Due week 7
- Assignment 2 - worth 50% (marked out of 100) Due week 11

The assignments are to be done in groups of 2.

Assessment - Examination Component

This consists of a 3 hour final exam. There are no permitted materials.

Assessment - Supplementary Examinations

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.

Note that this implies that all such students will have a class mark of 50 or over.

Assessment - comp3410 and comp6341

The assignments and exam for the comp3410 students will be different to that for the comp6341 students. The comp6341 students are also expected to show greater maturity and depth in their answers.

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*.

Extensions

Extensions will only be granted in extraordinary circumstances and can only be given by the **course manager**. You have to approach the course manager as soon as possible, and bring any documentary evidence with you. The course manager 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.

What's in this course for you

An understanding of the applications of IT in e-commerce. The knowledge gained is largely descriptive and comparative. There is not much programming work involved.

What you must do this week

Enroll in tutorials/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. They are located on the second floor of the CS&IT building.