Course Outline

COMP0011
Fundamentals of Computing
Teaching Period 1 2010

Fundamentals of Computing

- Course Staff
- Course Details
- Course Summary
- Course Aims
- Student Learning Outcomes
- Assumed Knowledge
- Teaching Rationale
- Teaching Strategies
- Assessment
- Academic Honesty and Plagiarism
- Course Schedule
- Resources for Students
- Course Evaluation and Development
- Other Matters

Course Staff

paramesh at cse dot unsw dot edu dot au

N Paramesh

Consultations

Staff Name	Day/Time	Location

Course Details

Introduction to internet; software on the internet - web browser; web page development; embedding scripts on your web page; e-commerce fundamentals; security issues.

Course Summary

Introduction to internet; software on the internet - web browser; web page development; embedding scripts on your web page; e-commerce fundamentals; security issues.

Course Aims

To introduce the basics of internet and web browsers; Also, to learn basics of web page development.

Student Learning Outcomes

After completing this course, students will:

- know the basics of internet operation.
- be able to do build small web pages for himself.

This course contributes to the development of the following graduate attributes:

Graduate Attribute	Where Acquired
the skills involved in scholarly enquiry	Learning the basics of internet
an in-depth engagement with relevant disciplinary knowledge in its interdisciplinary context	Reading relevant materials and lab sessions
the capacity for analytical and critical thinking and for creative problem solving	Web page development and script understanding
the ability to engage in independent and reflective learning	xxx
the skills to locate, evaluate and use relevant information (Information Literacy)	xxx
the capacity for enterprise, initiative and creativity	xxx

an appreciation of and respect for, diversity	xxx
a capacity to contribute to, and work within, the international community	xxx
the skills required for collaborative and multidisciplinary work	xxx
an appreciation of, and a responsiveness to, change	xxx
a respect for ethical practice and social responsibility	xxx
the skills of effective communication	xxx

Assumed Knowledge

Before commencing this course, students should:

- know how to operate a computer.
- Be able to manipulate files, and use browsers such as Mozilla or IE.

These are assumed to have been acquired during the course of the student's High school education.

Teaching Rationale

This course is taught the way it is because it will help the student use his computer more effectively for his needs, and also understand the advancements that happen around the internet technology.

Teaching Strategies

- Lectures: introduce concepts, show examples
- Lab Work: introduce technology required for the assignment
- Assignment: allow students to solve significant problems

Assessment

[Assessment] Weekly labs + One Assignment + Final Exam Or, if you're using the WebCMS GradeBook, simply use the [Assessment] tag.

Academic Honesty and Plagiarism

Plagiarism is defined as "using the words or ideas of others and presenting them as your own". UNSW and CSE treat plagiarism as academic misconduct, which means that it carries penalties as severe as being excluded from further study at UNSW. There are several on-line sources to help you understand what plagiarism is and how it is dealt with at UNSW:

- Learning Centre: Plagiarism and Academic Integrity
- MyUNSW: Plagiarism and Academic Misconduct
- CSE: Addendum to UNSW Plagiarism Guidelines
- CSE: Yellow Form (whose terms you have agreed to)

Make sure that you read and understand these. Ignorance is not accepted as an excuse for plagiarism.

Course Schedule

Thu 15:00hrs - 18:00hrs Central Lecture Block 8 (K-E19-105) Weeks 1-5,6-12 Dr N Parameswaran Note: Weeks 6-12 is merged with GENE8000. Please see http://www.cse.unsw.edu.au/~ge8000 for details.

Resources for Students

Lecture Notes handouts, links to existing relevant materials.

Course Evaluation and Development

This course is evaluated each session using the CATEI system.

Other Matters

NONE