

COMP1000:

Introduction to World Wide Web, Spreadsheets and Databases

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Class Homepage

- <https://webcms3.cse.unsw.edu.au/COMP1000/17s1/>
- Make sure you read everything in there
 - Course outline
 - Consultation times
 - Map of CSE labshttp://taggi.cse.unsw.edu.au/FAQ/CSE_lab_map/
 - Notices
 - MessageBoard

Staff 2017 s1

Staff Name	Role	Email
Aarthi Natarajan	Lecturer In Charge + 5 week lectures in World Wide Web and databases	aprabhu22@hotmail.com
Weitao Xu	3 week lectures in Spreadsheets	xuweitao005@gmail.com

Course Objectives

- We will investigate how to design and implement spreadsheets (**excel**) and databases (**access**) so that students can exploit them effectively for both their studies and future careers
- This course aims to explain in straightforward terms the concepts underlying the **www**
- Enhance capacity to transfer these skills to other packages

Learning Outcomes

- Understand the computational concepts underlying modern **spreadsheet** and **database** applications
 - Understand the differences between spreadsheets and databases and when it is appropriate to use one rather than the other
 - Be able to design and implement sophisticated spreadsheet and database applications
- Have an informal and yet technically sound knowledge of the fundamentals of the **www**
 - and be able to build their own simple web sites (using html and JavaScript), and understand how they work

Ways of Learning

- Lectures
 - slides released as PDFs beforehand
 - will try to add occasional interactive elements (student participation will be rewarded)
 - Please bring your laptop to every lecture
- Labs
 - develops experience with using the problem-solving systems
 - tasks based on previous lecture material
 - Can start labs at home but must be assessed within the class
- Consultation
 - opportunity to ask the lecturers, one-on-one, specific questions
 - lecturers have specific times
 - more scheduled prior to assignment due dates
- Textbook

Lecture Schedule

The proposed lecture schedule is:

Week	Topic
Weeks 1,2, 3	Spreadsheets
Week 4,5,6	Web Programming
Week 7	Mid-semester exam
Weeks 8 to 12	Databases and Access

Assessment

- Labs: 11 lab exercises altogether
 - begin in week 2
 - each lab has a tutor's assessment (out of 10 marks)
 - best 10 labs (out of 11) taken for overall performance
 - contributes 25% of total
 - late submission of labs is not permitted
- Mid-Semester Exam
 - during week 7 lecture slot, 1 hour, practical exam, 25%
- Final written exam
 - 50% of overall assessment
 - 2 hour practical exam
- Student participation (via specific in-class tasks) will be rewarded

Special Consideration

- If you miss an exam because of illness or misadventure you can submit a request for special consideration
 - Via the UNSW process for special consideration:
<https://student.unsw.edu.au/special-consideration>
 - Documentation in the form of a medical certificate or other appropriate evidence
- If you are feeling unwell the day of the exam, do not take the exam
 - It is unlikely the LiC will accept your special consideration request if you started the exam (this is registered in the system)

Academic Honesty and Plagiarism

- Plagiarism is defined as “using the words or ideas of others and presenting them as your own” <https://student.unsw.edu.au/plagiarism>
- UNSW and CSE treat plagiarism as academic misconduct, which means that it carries penalties as severe as being excluded from further study at UNSW
- Academic honesty
 - everything submitted for assessment is own work
 - acknowledgment of all sources
- Anti-plagiarism measures
 - start early and get help if you're struggling
 - similarity analysis software
 - mark reduction of **up to 100%** applies to non-original submissions
- Reference site (from UNSW's Learning Center)
<http://www.lc.unsw.edu.au/academic-integrity-plagiarism>

Software and Technical Issues

- You can use Microsoft Access (2010) and Excel (2010) in the CSE workstation laboratories
 - You will be running them within Windows 10 running under VMWare Fusion
 - Note that Microsoft has ended support for Windows XP but our focus is on Excel and Access
- The versions running in the School laboratories are definitive for the purposes of assessment
 - If your Excel or Access document works at home but not in the School labs, then for the purposes of assessment, it doesn't work
- Students must use only USB2.0 memory sticks when using vmware player (USB3 devices are not supported)
 - Use of other alternative storage (cloud, email, etc) is recommended