

BSc Computing Major
CMC092/ITC082 Human Computer Interaction Semester B February 2004
Final Course Schedule - including assessment deadlines

Week	Wk beg	Lecture topic	Reading	Seminar topic/activity
1	02 Feb	Lecture 1 Intro to unit. Background to Information Systems development and HCI; Intro to concepts of : HCI, usability, interface; multi-disciplinary approach; introduction to the assignment	Norman <i>The Psycho-pathology of everyday things</i> (in Baecker, p5) Smith Ch1	Interfaces - case studies, discussion, evaluation
2	09 Feb	Lecture 2 Evaluation - tools & techniques; usability metrics	Shneiderman Ch4 & afterword; Dix Ch 11; Preece & Keller part 5 Baecker p73..93 Mcgrath (in Baecker, p152) Mack & Nielsen (in Baecker, p170)	Interface evaluation exercise Lab work – informal study of s/w interfaces
3	16 Feb	Lecture 3 Analysis of task: task domain; techniques for task analysis	Dix, Ch6,7; Shneiderman Ch2,Ch5; Preece & Keller Ch11,12; Waern Ch 7..9; Smith Ch6;	Task analysis exercise
4	23 Feb	Lecture 4 Task analysis, continued	as above	
5	01 Mar	Lecture 5 Dialogues & interaction styles; menu structures	Dix Ch8; Waern Ch 12,13; Shneiderman Ch6..12	Menu design exercise
6	08 Mar	Reading week	Catch up on reading and assignment work	

7	15 Mar	Lecture 6 Evaluation research methods	Kendall & Kendall: Chapters on <i>Sampling & Investigating; Interviews;</i> <i>Questionnaires</i>	Evaluation continued (Questionnaire design & evaluation)
8	22 Mar	Lecture 7 Analysis of users - human parameters, perception, cognition, memory, mental models, knowledge & learning styles	Dix, Ch1; Shneiderman ch1; Smith Ch2; Waern Ch1..6; Preece & Keller Part 3;	Exercises/experiments: perception, recognition/recall Assignment support
9	29 Mar	Lecture 8 Users – continued	as above	Part 1 deadline 31st March
10 & 11	05 Apr & 12	Easter break		
12	19 Apr	Lecture 9 User-centred analysis/design methods; ethnography, prototyping; usability specification Revision	Dix, Ch5; Shneiderman Ch1, Ch3; Boehm <i>A spiral model of software development & enhancement</i> (in Baecker P281); Sommerville Intro & Ch5; Smith Ch 4,5	Assignment support
13	26 Apr	Lecture 10 Revision/recap; New developments in HCI; AI input; support for special needs	Shneiderman ch 14..16; Dix Ch 13..16	Assignment support
14	03 May			
15	10 May			Part 2 deadline 11th May

Treat this course schedule as your unit guide. It shows you what topics will be covered in the lectures week by week, and directs you to some relevant reading for each week. Full details for all these texts are given in the Books handout. The lecture content and weekly reading will inform the seminar activities and prepare you for the assignment.

You should expect to spend a minimum of 4-6 hours of study time on this unit each week, in addition to the time-tabled lectures and seminars. Towards the end of the semester, most of this time will be spent on completing assignment work. Earlier in the semester, before the assignment pressure builds up, you should be spending this time reviewing the lectures, and reading the relevant texts for the week. Come to your seminars prepared to discuss the course content, and ask any questions that you may have arising from your reading.