



Course Weekly Outline

Course Name: HCI

Course Instructor					
E-mail					
Title					
Course Coordinator					
Course Objective	A. The student understands what is the interaction between human and computers and applications. B . The importance of interaction and applications to the users C . Applying a set of interaction by web programming as applications to interact D . Design and Analysis of interfaces for users and application interaction.				
Course Description	1. Introduction of Human Computer Interaction 2. Introduction in design methods 3. Web programming 4. Apply and implement various interaction design techniques 5. Analyze and critique interfaces, systems, and devices. 6. Understand the role of theory and frameworks in HCI; 7. Mini project + Apply a number of interaction design techniques				
Textbook	Lectures Human Computer Interaction – Lecture Notes Cambridge Computer Science Tripos, Part II Alan Blackwell				
References	Human Computer Interaction: Concepts, Methodologies, Tools, and Applications, Panayiotis Zaphiris, City University of London, UK Chee Siang Ang City University of London, UK Published in the United States of America by Information Science Reference (an imprint of IGI Global) E-mail: cust@igi-global.com Web site: http://www.igi-global.com/reference				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	30%	5%	5%	10%	50%
General Notes					



Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	3/10/2015	Introduction of Human Computer Interaction	Project 1	/
2	10/10/2015	What is Human Computer Interaction	Project 1	/
3	17/10/2015	Why Human Computer Interaction	Project 1	/
4	24/10/2015	Introduction in design methods	Project 1	/
5	31/10/2015	Visual representation	Project 1	/
6	7/11/2015	Text and gesture interaction	Project 2	/
7	14/11/2015	Evaluation of pointing devices and WIMP interfaces	Project 2	/
8	21/11/2015	Inference	Project 2	/
9	28/11/2015	Intelligent interfaces	Project 2	/
10	5/12/2015	Advanced user interface techniques	Project 2	/
11	12/12/2015	Exam 1	Project 2	/
12	19/12/2015	Usability of programming languages	Project 2	/
13	26/12/2015	User-centred design research	Project 2	/
14	2/1/2016	Theories of computers and social actors	Project 2	/
15	9/1/2016	Usability evaluation methods	Project 2	/
Final Exam				

Instructor Signature:

Dean Signature: