Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF352	Introduction to Human Computer	5	3	0	0	3	4
	Interaction						

Prerequisites	
Admission Requirements	

Language of Instruction	French	
Course Type	Elective	
Course Level	Bachelor Degree	
Objective	The goal of this course is to teach the fundamental concepts on human computer interaction and user interfaces that improve in paralel with the development in information technologies and the needs of users	
Content	History of human computer interaction Principal compounds of interaction: human and computer Interaction paradigms User interaction design Interaction models Ergonomy in interaction Principles of visual design Midterm User interfaces Article/project presentations Innovative interfaces Usability User experience Group project presentations	
References	1- ""Human-Computer Interaction"" , Alan Dix, Janet Finlay, Gregory Abowd, Russel Beale , Pearson Education Limited 2004	
	2- ""Interaction design: beyond human-computer interaction"", Yvonne Rogers, Helen Sharp, Jenny Preece, John Wiley &Sons 2002	

Theory Topics

Week	Weekly Contents	
1	History of human computer interaction	
2	Principal compounds of interaction: human and computer	
3	Interaction paradigms	
4	User interaction design	
5	Interaction models	
6	Ergonomy in interaction	
7	Principles of visual design	
8	Midterm	
9	User interfaces	

Week	Weekly Contents
10	Article/project presentations
11	Innovative interfaces
12	Usability
13	User experience
14	Group project presentations