

**University of North Texas at Dallas**  
**Spring 2015**  
**SYLLABUS**

<b>Human Computer Interactions CSCE3220 3 credit hours</b>			
Department of	Information Science	Division of	Liberal Arts and Science
<b>Instructor Name:</b>	Dr. Nassim Sohaee		
<b>Office Location:</b>	Founders Hall - 230		
<b>Office Phone:</b>	972-338-1573		
<b>Email Address:</b>	nassim.sohaee@unt.edu		
<b>Office Hours:</b>	Monday 9:00 AM – 10:00 AM, 1:00 PM – 2:30 PM Tuesday 9:00 AM – 2:30 PM Wednesday 9:00 – 10:00 AM , 12:00 noon – 2:30 PM		
<b>Virtual Office Hours:</b>			
<b>Classroom Location:</b>	Online class		
<b>Class Meeting Days &amp; Times:</b>	Online class		
<b>Course Catalog Description:</b>	Human-Computer Interaction (HCI). Methods for designing, prototyping, and evaluating user interfaces for computing applications. Human capabilities, interface technology, interface design methods, and interface evaluation tools and techniques.		
<b>Prerequisites:</b>	CSCE 2110		
<b>Co-requisites:</b>			
<b>Required Text:</b>	<p>Title Designing with the Mind in Mind            Author Jeff Johnson            ISBN 978-0-12-407914-4            Publisher Elsevier Science&amp;Technology Books            Publication Date February 10, 2014</p> <p>Title GUI Bloopers 2.0            Author Jeff Johnson            ISBN 978-0-12-370643-0            Publisher Elsevier Science&amp;Technology Books            Publication Date August 27, 2007</p>		
<b>Recommended Text and References:</b>			
<b>Access to Learning Resources:</b>	UNT Dallas Library: phone: (972) 780-3625; web: <a href="http://www.unt.edu/unt-dallas/library.htm">http://www.unt.edu/unt-dallas/library.htm</a> UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: <a href="mailto:1012mgr@fheg.follett.com">1012mgr@fheg.follett.com</a>		
<b>Learning Objectives/Outcomes:</b>	At the end of this course, the student will		
	<ol style="list-style-type: none"> <li>1. Gain an initial understanding of human factors theory and research.</li> <li>2. Obtain understanding of fundamentals of human-computer interaction (HCI) theory and research. Recognize the impact of system design on users' attitudes and behaviors.</li> <li>3. Become familiar with fundamentals of User Centered Design (UCD) processes for the purposes of employing UCD processes in the analysis and design of systems.</li> </ol>		

4. Exhibit critical thinking skills and creative design skills in HCI research area.

## Course schedule

This schedule is subject to change by the professor. Any changes to this will be communicated in class and/or posted on Black Board Learn.

	Topic	Reading	Lab	Assignment
Week 1	Course Introduction			Assignment 1 and 2 given
Week 2	Intro, logistics, history, bloopers, Motivation, UCD process	GB2 8	Lab 1	
Week 3	Gathering requirements: users	GB2 1		Assignment 1 is due
Week 4	Gathering requirements: task analysis	DwtMiM 11	Lab 2	
Week 5	Conceptual design	GB2 1	Lab 3	
Week 6	Conceptual design	DwtMiM 11		
Week 7	Psych Basis of HCI: Perception	DwtMiM 1-3	Lab 4	
Week 8	Psych Basis of HCI: Perception	DwtMiM 4-6		Assignment 2A is due
Week 9	Spring Break			
Week 10	Psych Basis of HCI: Cognition & Action	DwtMiM 7-9	Lab 5	
Week 11	Psych Basis of HCI: Cognition & Action	DwtMiM 10-12		
Week 12	Interaction Design Principles	GB2 1, 2, 3	Lab 6	
Week 13	Interaction Design Principles	GB2 4, 5		
Week 14	UI Components; Graphic Design	GB2 6, 7		
Week 15	UI evaluation: Usability testing		Lab 7	
Week 16	Review			Assignment 2B is due
Week 17	Final Exam Week			

## Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Assignments 1	10%	
Assignment 2 A	10%	
Assignment 2 B	15%	
Labs	5% each	35%
Midterm - Comprehensive	10%	
Final - Comprehensive	20%	

### Grade Determination:

A = 90% or better  
 B = 80 – 89 %  
 C = 70 – 79 %  
 D = 60 – 69 %  
 F = less than 60%

## University Policies and Procedures

### Students with Disabilities (ADA Compliance):

*The University of North Texas Dallas faculty is committed to complying with the Americans with Disabilities Act (ADA). Students' with documented disabilities are responsible for informing faculty of their needs for*

reasonable accommodations and providing written authorized documentation. Grades assigned before an accommodation is provided will not be changed as accommodations are not retroactive. For more information, you may visit the Student Life Office, Suite 200, Building 2 or call Laura Smith at 972-780-3632.

**Student Evaluation of Teaching Effectiveness Policy:**

The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

**Assignment Policy:**

The UNT Dallas cheating policy will be adhered to. Any student caught cheating will receive a grade of F for this course, and further disciplinary action will be taken. Cheating includes, but is not limited to, all forms of plagiarism and misrepresentation. See the UNT Center for Student Rights and Responsibilities web page for more information.

**Exam Policy:**

Exams should be taken as scheduled. No makeup examinations will be allowed except for documented emergencies (See Student Handbook).

**Absolutely NO make-up exam.**

**Academic Integrity:**

Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Student Code of Academic Integrity at [http://www.unt.edu/unt-dallas/policies/Chapter%2007%20Student%20Affairs,%20Education,%20and%20Funding/7.002%20Code%20of%20Academic\\_Integrity.pdf](http://www.unt.edu/unt-dallas/policies/Chapter%2007%20Student%20Affairs,%20Education,%20and%20Funding/7.002%20Code%20of%20Academic_Integrity.pdf) for complete provisions of this code.

In addition, all academic work submitted for this class, including exams, papers, and written assignments should include the following statement:

**On my honor, I have not given, nor received, nor witnessed any unauthorized assistance that violates the UNTD Academic Integrity Policy.**

**Bad Weather Policy:**

On those days that present severe weather and driving conditions, a decision may be made to close the campus. In case of inclement weather, call UNT Dallas Campuses main voicemail number (972) 780-3600 or search postings on the campus website [www.unt.edu/dallas](http://www.unt.edu/dallas). Students are encouraged to update their Eagle Alert contact information, so they will receive this information automatically.

**Attendance and Participation Policy:**

The University attendance policy is in effect for this course. Class attendance and participation is expected because the class is designed as a shared learning experience and because essential information not in the textbook will be discussed in class. The dynamic and intensive nature of this course makes it impossible for students to make-up or to receive credit for missed classes. Attendance and participation in all class meetings is essential to the integration of course material and your ability to demonstrate proficiency. Students are responsible to notify the instructor if they are missing class and for what reason. Students are also responsible to make up any work covered in class. It is recommended that each student coordinate with a student colleague to obtain a copy of the class notes, if they are absent.

**Diversity/Tolerance Policy:**

Students are encouraged to contribute their perspectives and insights to class discussions. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Office of Student Life as the instructor deems appropriate.