

Cameron School of Business

### University of North Carolina Wilmington PROPOSAL FOR UNDERGRADUATE CURRICULUM CHANGE

Department or Academic Unit: Information Systems and Operations Management

Type of Proposal: Check **all** that apply and answer the questions below.

New Course (attach syllabus)  Deletion of Course  Degree Requirement  Trial Course

Course Change (Check all that apply):

Prefix/Number  Title  Description  Credit Hours  Contact Hours

Pre/Corequisite  Restrictive Statement  Crosslist  Uncrosslist

Other: \_\_\_\_\_

To become effective: Semester: Fall Year: 2009 To be offered:  Fall  Spring  Summer  
 on Request  Alternate Years

Current course prefix, number and title: \_\_\_\_\_

New course prefix, number and title: CIT 215 - Human Computer Interaction

Abbreviated course title (30 spaces maximum): Human Computer Interaction

Type of course:  Lecture  Seminar  Lab  Practicum  Internship  Other \_\_\_\_\_

Credit hours: 3 Credit hour change: From: \_\_\_\_\_ To: \_\_\_\_\_ Contact hours: 3 Contact hour change: From: \_\_\_\_\_ To: \_\_\_\_\_

Restrictions (If repeatable the number of hours this course may be taken for credit, open only to students within the major, etc.):  
\_\_\_\_\_

Crosslisted with (course prefix and number): \_\_\_\_\_ Uncrosslist with (course prefix and number) \_\_\_\_\_  
*(To crosslist/uncrosslist courses, a curriculum change form submitted by both departments is required.)*

- Yes  No Is this course a renumbering (it replaces an existing course)? If yes, which course? \_\_\_\_\_
- Yes  No And should the existing course be deleted? (If yes, a separate curriculum change form requesting this deletion is required.)
- Yes  No Is this course currently approved for basic studies?
- Yes  No Will it be submitted for basic studies approval?
- Yes  No Is this course currently approved for oral competency?
- Yes  No Will it be submitted for oral competency approval?
- Yes  No Is this course currently approved for computer competency?
- Yes  No Will it be submitted for computer competency approval?
- Yes  No Is it required for a major/minor/option in your department? (If yes, please provide in the degree requirement section below the necessary change for degree requirements description in catalogue.)
- Yes  No Is it an elective for a major/minor/option in your department? (If yes, please provide in the degree requirement section below the necessary change for degree requirements description in catalogue.)

**Degree requirement as it would appear in the catalogue** (Include change to: total hours, new required courses, insertion and deletion of required courses, text, etc.) If additional space is required, prepare on a separate page using the format of the current catalogue and attach to this form.

This course is part of a new degree program in Information Technology. Attached is the Request to Establish a new degree program document that contains all of the degree requirements.

- Yes  No Is it a collateral requirement or elective for a major/minor/option for another department? (If yes, attach documentation listing the departments/programs affected and verifying that the departments were consulted.)
- Yes  No Are present staff and resources adequate to support this proposal? (If no, explain in the justification section how they will be provided.)

University of North Carolina Wilmington  
PROPOSAL FOR UNDERGRADUATE CURRICULUM CHANGE

Course description change as it would appear in the catalogue (Course description change: 50 words or less; include prefix, number, title, credit hours, crosslisting, pre/corequisites, etc.)

CIT 215. Human Computer Interaction (3) Prerequisites: CSC 110 or equivalent. Employ user-centered methodologies in the development, evaluation, and deployment of IT applications and systems. This includes knowledge of HCI, including but not limited to such areas as user and task analysis, human factors, ergonomics, accessibility standards, and cognitive psychology.

Justification for request or degree change:

This course is part of a new degree program in Information Technology. Attached is the Request to Establish a new degree program document.

Yes  No Does this proposal require University Curriculum Committee (UCC) or Faculty Senate approval (refer to <http://www.uncw.edu/facsen/ucc/>)? (If yes, after college/school curriculum committee approval, forward proposal to the UCC and complete and submit the appropriate UCC form(s). If approved, this proposal must be signed by the UCC Chair and Faculty Senate President and forwarded to the Provost.)

Recommended and approved by:

Cem Canal 9-22-08  
Department Chairperson Date

\_\_\_\_\_  
Chair, College or School Curriculum Committee Date

\_\_\_\_\_  
Teacher Education Council (WSE use only) Date

\_\_\_\_\_  
Dean of the College or School Date

\_\_\_\_\_  
\*Chair, University Curriculum Committee Date

\_\_\_\_\_  
\*President, Faculty Senate Date

\_\_\_\_\_  
Provost Date

\*Obtain signatures of the UCC Chair and the Faculty Senate President only if required for this proposal.

Forms not filled out completely or lacking documentation will be returned.

**UNIVERSITY OF NORTH CAROLINA WILMINGTON**  
**CIT - 215**  
**HUMAN COMPUTER INTERACTION (HCI)**  
**FALL - 2009**

DAYS

SECTION

TIME

ROOM

*Class Web Site:*

**INSTRUCTOR**

**OFFICE**

**TEXTBOOK & MATERIALS REQUIRED**

**Human Computer Interaction**

Seregul Smith-Atakan

2006, Thomson

**User Centered Web Development – HCI Approach**

McCracken, Wolfe

2004, Prentice Hall

**PREREQUISITE:** CIT 110 or equivalent.

**COURSE DESCRIPTION (CATALOG)**

Employ user-centered methodologies in the development, evaluation, and deployment of IT applications and systems. This includes knowledge of HCI, including but not limited to such areas as user and task analysis, human factors, ergonomics, accessibility standards, and cognitive psychology..

**LEARNING OUTCOMES**

Upon completion of this course, you will be able to:

1. Describe the relationship between the cognitive principles and their application to interfaces and products.
2. Explain the conceptual terms for analyzing human interaction with products such as affordance, conceptual model, and feedback.
3. Analyze different user populations with regard to their abilities and characteristics for using both software and hardware products.

4. Explain the importance of the user abilities and characteristics in the usability of products
5. Illustrate how the cognitive principles are applied to product design.
6. Design a product for a specific user population.
7. Show how the physical aspects of product design impact its usability.
8. Distinguish between the various principles for designing for humans.
9. Classify the seven stages of action for a task scenario.

## METHODS OF LEARNING

This course will blend web-based materials, lab assignments, and homework assignments to help the participants obtain the knowledge and skills to manage data in real world applications. The course requires significant work on personal computers. The actual amount of time required will vary from student to student. The student is responsible for arranging his/her individual schedule so that the student can spend the required time on the computer.

## STUDENT RESPONSIBILITIES

The student is responsible for doing all assigned readings and grasping all the material as indicated on the weekly schedule, materials may or may not originate from the textbook. The student will be responsible for the material covered on the web site, assigned textbook readings and other reading assignments whether or not covered in the web notes. **IF YOU DO NOT UNDERSTAND A SUBJECT OR WOULD LIKE A FURTHER EXPLANATION, DON'T BE AFRAID TO ASK. YOU ARE PROBABLY NOT THE ONLY ONE WHO NEEDS HELP**

The student is responsible for submitting the assignments when scheduled by the instructor. Cheating of any kind shall result in a grade of zero (0) on the test, assignment or quiz in question with a minimum deduction of **ONE LETTER GRADE..** The instructor shall be the sole judge as to when cheating has occurred. Collaboration, **COPYING OF OTHER'S FILES, OR JOINLY WORKING ON THE SAME BASE FILES** , (meaning two or more students work on the same assignment on the same machine at the same time is considered cheating) providing your files to other students, or handing in the work of others is considered cheating. Violations will follow the guidelines of the Academic Honor Code found in Section V of the Student Handbook and Code of Student Life.

Grades will be posted on the web. It is the student's responsibility to check the posted grade frequently. **Questions pertaining to projects and exams MUST be made within 1 week of when the project's or exam's grade has been posted.** No adjustments will be made after the one-week period.

**Disabilities:** If you have a disability and need reasonable accommodation in this course, you should inform me of this fact in writing within the first week of class or as soon as possible. If you have not already done so, you must register with the Office of Disability Services in Westside Hall (extension 3746) and obtain a copy of your Accommodation Letter. You should then meet with me to make mutually agreeable arrangements based on the recommendations of the Accommodation Letter.

## EVALUATION

The student's performance evaluation (grade) will be based on the following:

1. **Quizzes:** Two quizzes will be given as indicated on the class web page. Each quiz will count as **17.5%** of your final grade. Students are expected to take the quiz on the scheduled date. If a student is absolutely unable to complete a quiz, when an exam is scheduled, it is the student's responsibility to contact the instructor prior to the exam date, if possible or within 24 hours after the quiz if an emergency situation exists. The student must provide **written documentation** as to why the student was unable to take the exam as scheduled. The student is hereby advised that there must be a significant problem before an alternative exam will be allowed. Under most circumstances work conflicts, vacations, and conflicts for other course assignments are not considered valid reasons for missing a scheduled quiz. Should you require extra time for quizzes please notify me in advance so it can be arranged with the academic testing department.
2. **In Class Projects:** Six in class projects will comprise 20% of your grade.
3. **Homework Projects:** 4 class projects will comprise 35% of your grade.
4. **Presentation** – 1 presentation will count as 5% of your grade.
5. **Class participation: will count as 5% of the final grade**

**The following is the grading scale for this course:**

93-100	A	73-76	C
90-92	A-	70-72	C-
87-89	B+	67-69	D+
83-86	B	63-66	D
80-82	B-	60-62	D-
77-79	C+	Below 60	F