



College Document # _____

UCC Document # _____

Date Received _____

CATALOG YEAR 2006-07

(Please use separate form for each add/change)

COLLEGE/SCHOOL : College of Business Administration

Current Catalog Page(s) Affected _____

Course: Add: X Delete: _____
(check all that apply) Change: Number MIS 6330 Title Doctoral Seminar in Human-Computer Interaction SCH 3 Description X Prerequisite _____

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

MIS 6330 – Doctoral Seminar in Human-Computer Interaction

The objective of this course is to provide doctoral students with an understanding of key research issues in connection with the interface between human beings and computers, in both individual and group work. This course focuses on key human-computer interface design and related issues, such as individual reaction to interfaces of different levels of naturalness, online learning environments in business contexts, electronic communication media design, fit between electronic collaboration tools and group tasks, and knowledge and information sharing workspaces. The student will be exposed to several key topics, including (but not limited to): Human-Computer Interaction (HCI) Concepts and Issues; HCI Design; Typical Computer Applications and Respective Interfaces; E-collaboration; Emerging Applications of Innovative Human-Computer Interfaces, etc.

Program: Add: _____ Change: _____ Attach new/changed Program of Study description and 4-year plan. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

Faculty: Add: _____ Delete: _____ Change: _____ Attach new/changed faculty entry. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

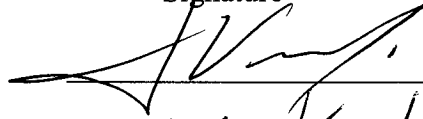
College Introductory Pages: Add information: _____ Change information: _____ Attach new/changed information. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

Approvals:

Signature

Date

Chair
Department Curriculum Committee



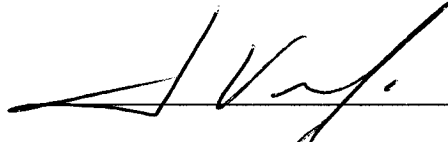
7/28/05

Chair
Department



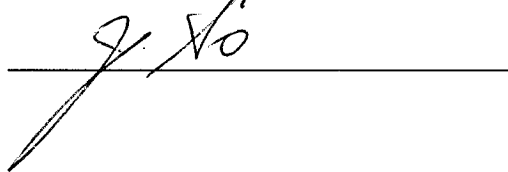
7/28/05

Chair
College Curriculum Committee



9/14/05

Dean



9/15/05

MIS 6330 Seminar in Human-Computer Interaction

Credit:

Three semester hours

Course Description:

The objective of this course is to provide doctoral students with an understanding of key research issues in connection with the interface between human beings and computers, in both individual and group work. This course focuses on key human-computer interface design and related issues, such as individual reaction to interfaces of different levels of naturalness, online learning environments in business contexts, electronic communication and media design, fit between electronic collaboration tools and group tasks, and knowledge and information sharing workspaces. The students will be exposed to several key topics, including (but not limited to); human-computer interaction (HCI) concepts and issues; HCI design; typical computer applications and respective interfaces; e-collaboration; emerging applications of innovative human-computer interfaces, etc.

Prerequisites:

Consent of the instructor and the Graduate Advisor

Student Learning Outcomes:

- Students will assess key human-computer interface literature and integrate assessment of scholarship into seminar research projects.
- Students will compile research reports that incorporate their synthesis of seminar topics and human-computer interaction literature, rendering their reports suitable for presentation at professional academic settings or for publication in refereed journals.

Seminar Topics:

- Human-computer interaction concepts and issues
- Human-computer interface design
- Task-interface fit approaches
- Typical computer applications and respective interfaces
- Cognitive-chunking theory
- Computer-mediated group interaction
- Traditional computer-mediated communication theories
- E-collaboration vs. Computer-mediated communication
- Modern cultural perspectives on e-collaboration
- Modern biological perspectives on e-collaboration
- Knowledge and information sharing through e-collaboration tools
- Emerging applications of innovative human-computer interfaces