



Florida Tech School of Management

Inter-Office Memorandum

TO: Undergraduate Curriculum Committee

THROUGH: Dr. Barbara G. Pierce, Associate Dean, School of Management *B. Pierce*

FROM: Dr. Deborah S. Carstens, Assistant Professor, School of Management *DC*

DATE: December 03, 2003

SUBJECT BUS 3505 Human-Computer Interaction

This memorandum, along with the attached material, seeks the Undergraduate Curriculum Committee's approval for a new undergraduate elective.

The proposed undergraduate elective would be BUS 3505 Human-Computer Interaction. This course should be offered for several reasons as listed below:

1. BUS 3505 provides an important elective for any undergraduate major and especially the Management Information Systems (MIS) Program, since it provides significant technology applications, which are consistent with the Florida Tech mission. Furthermore, the course would provide timely instruction for all individuals in the field of system or product design and development.
2. The course content is well-accepted as it is available in many other universities with a MIS or technology focus. This course would provide valuable information to students with a major in MIS, computer science, engineering, aeronautics, communications and psychology. The course would cover topics on human capabilities and limitations of interest to any individual that would be responsible for product or system design, development, testing, implementation, instructional material, and training. The products discussed in this course would range from a VCR to a MIS.
3. There is a desire from current undergraduate students to expand their knowledge in the area of human-computer interaction (HCI) as it relates to the system development life cycle. The current MIS curriculum covers HCI topics only very briefly. For example, the System Design and Development (BUS 3512) course devotes one chapter to HCI topics. There was interest from the students, when BUS 3512 was last taught in spring 03', to spend more time on this important topic but time did not allow for more expansion.

The attachments that follow present the description, syllabus, and completed new course forms for the proposed course.

Please do not hesitate to contact me if there are any questions.

Thank you.

This course is available for student registration only after the approval process has been completed.

Subject BUS Course No. 3505 Credit Hours 3 Term to be added to the file Fall 2004
Alpha Prefix (e.g., CSE) Number Choice (e.g., 1301) (e.g., Fall 2003)

Class Hours _____ Lecture Hours _____ Lab Hours _____ Contact Hours (CEU only) _____

Department School of Management Schedule Type Lecture, Lab
(e.g., Computer Sciences) (e.g., lecture, lab or special project)

College/School College of Engineering-01 School of Aeronautics-03 SEGS-90
(Please check appropriate box) College of Science and Liberal Arts (science)-20 School of Management-22
 College of Science and Liberal Arts (liberal arts)-21 School of Psychology-05

Computer Title (restricted to 25 spaces, including blanks) HUMAN-COMPUTER INTERACT

Catalog Title HUMAN-COMPUTER INTERACTION

Catalog Description of Course (limited to 350 characters, including spaces)

This course is intended to give theoretical and practical experience with human-computer interaction concepts. All four approaches to HCI-empirical, cognitive, predictive, anthropomorphic-will be addressed. Topics include computer task analysis, HCI design guidelines, usability engineering and testing and enhancing web design interaction.

In addition, you may attach a course syllabus and/or more detailed description.

Restrictions Prerequisite BUS 1601 Corequisite _____ Grades to be issued
(course number) (course number) A, B, C, D, F
 Prerequisite _____ Corequisite _____ S, U
(course number) (course number) P, F
 Prerequisite _____ Corequisite _____ Other _____
(course number) (course number)

Additional Restriction _____
(e.g., major, class level, department head approval)

If this course replaces a course currently offered in BANNER, please indicate old course information

Subject Alpha Prefix (e.g., CSE) _____ Course No. (e.g., 1301) _____

APPROVALS

Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Coordinator.

Quon A Carr 12/3/03 _____
Originator Date Chair, Graduate Council Date

Barbara Pierce _____ OR _____
Department Head/Program Chair

Barbara Pierce 12/3/03 _____
Dean or Associate Dean Date Chair, Undergraduate Curriculum Committee Date

CATALOG COORDINATOR

REGISTRAR'S USE ONLY

Catalog Coordinator Date

SCACRSE _____ SCADTEL _____ SCAPREQ _____ SCABASE _____
 SCARRES _____ Operator Init _____ Date _____

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