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INFO 904 Concepts of Managerial Computer Technologies

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Concepts of Managerial Computer Technologies

INFO904

Fall, 2005

Instructor: Jerry Braun (Gerald F. Braun, Ph.D., C.D.P.)

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Office: 211 Hailstones Hall

Required Text: *Computer Confluence, 7th. Ed.*, Beekman & Quinn, Addison Wesley, 2005

Optional Materials:: *New Perspectives on Microsoft Excel 2003; Intro. ed.; Parsons, et. al. Course Technology*
New Perspectives on Microsoft Access 2003; Brief ed.; Adamski and Finnegan, Course Technology
SAM 2003 Computer Based Training CD

Related Web Sites: [Computer Confluence](#) | [Hardware/Software Resources](#)

Course Description & Objectives

The course will utilize a variety of technologies, including the World Wide Web, Videos, and CDROM-based learning tools, to teach basic concepts of Information Systems. A discussion format supported by a specially designed Web site will be used to present a variety of topics related to Information Technology.

Course Objectives:

- To present elementary concepts of computer technology.
- To familiarize the student with basic hardware and software used to develop business computer systems.
- To introduce essential micro computer based application tools.
- To introduce essential data modeling concepts.
- To present basic networking and communication technologies including the World Wide Web.
- To present contemporary issues concerned with the development of quality information systems.
- To present new technologies along with ethical issues associated with them.
- To discuss future trends associated with Information Technology.

Learning Objectives:

Students will learn to:

- Differentiate between a variety of computer platforms including micro computers, mainframes, and workstations.
- Work with essential micro computer based applications including MS Excel, MS Access, and Nescape Composer to support a small business.
- Develop and publish an elementary Web site to support a small business.
- Identify basic data modeling procedures.

- Identify a variety a networking and communications topologies and environments.
- Identify modern trends and issues related to Information Technology including Artificial Intelligence, security, privacy, and ethical issues.
- Identify standard methods and procedures for developing information systems..

Blackboard Web Site

All materials for the class will be distributed electronically, and all materials will be submitted electronically using email and an electronic drop box. Exams and quizzes will be electronic. An electronic Discussion Board and Chat Room will be used to support interaction. Annotated PowerPoint slides and other documents, which parallel the textbook content, will be available for viewing or for download. These tools should provide a suitable virtual classroom environment for participation and interaction.

Class Participation

All students are expected to participate in Course Discussion Groups and Chat Rooms.

Chat rooms, along with the annotated PowerPoint slides will substitute for standard classroom meetings. Regular attendance is expected and will be reflected in your participation grade.

Discussion Groups are also available for student participation. Some forums will be mandantory as part of weekly assignments, while others are voluntary. Your participation in discussion will be reflected in both your assignment grade and your participation grade.

Class Project

A class project involving the use of productivity tools including a word processor (such as MS Word), a spreadsheet tool (such as MS Excel), a data modeling tool (such as MS Access), and Web site development tools (such as MS FrontPage Express and WS_FTP) will be required during the latter part of the term. See the Project Information section of Course Documents for details.

Exam & Quizzes

There will be three Multiple Choice exams (possibly with some short answer questions).

Weekly self-help quizzes will be used to reinforce materials.

Assignments

Weekly assignments will be published in the Assignments Section. These may include quizzes, as well as other assignments. The development and publishing of a personal Web site will be required. More information on this will be available from Course Documents as required.

Grading

Participation, assignments & quizzes: 12.5%

Project: 20%

Exams: 22.5% each

A (93-100) **A-** (90-92)

B+ (87-89) **B** (83-86) **B-** (80-82)

C+ (77-79) **C** (73-76) **C** (70-72)

F (<70)