

MASTER SYLLABUS

Course Number & title: BUS 372 – Systems Analysis and Design
Department(s): Accounting/MIS
Credit hours: 3
Prerequisites: BUS 221 or permission of instructor
Fees and charges: None

Effective catalog date for this master syllabus: 2007-2008

1. Catalog description:

An introduction to the concepts and methods of systems analysis and design. The course will include a project requiring the student to design a computer-based information system.

2. Course content:

The course will cover the following topics:

- a. The Systems Development Life Cycle
- b. Financial Analysis Tools
- c. Project Management Tools
- d. Data Modeling
- e. Development Strategies
- f. Systems Implementation

3. Student learning objectives:

Upon completion of the course, students will:

- a. Analyze a business need for information and develop an appropriate strategy to solve the problem and provide the required information service.
- b. Produce appropriate systems documentation and do so with clarity and completeness.
- c. Prepare and use various information gathering techniques for eliciting user information requirements and system expectations.

4. Student assessment criteria:

Students will be assessed through a combination of homework assignments and exams.

5. Instructional approach:

The material in this class will be presented primarily through lectures and class discussions of a business case.

Textbook: Shelly, G.B., Cashman, T.J., and Rosenblatt, H.J. Systems Analysis and Design (Seventh Edition), Boston, MA: Course Technology, 2008