

MASTER SYLLABUS

Course Number & title: BUS 475 – An Introduction to Information Security
Department(s): Accounting/MIS
Credit hours: 3
Prerequisites: BUS372
Fees and charges: None

Effective catalog date for this master syllabus: 2007-2008

1. Catalog description:

The course provides an introduction to the field of information security, focusing on the knowledge and skills necessary to understand the current environment of this field. The course also provides a foundation-level understanding of the various domains for certification as an information systems security professional.

2. Course content:

The course will cover the following topics:

- a. The Need for Security
- b. Legal, Ethical, and Privacy Issues
- c. Risk Assessment and Management
- d. Planning for Security
- e. Network Security
- f. Cryptography
- g. Implementing Security Policies
- h. Security Maintenance

3. Student learning objectives:

Upon completion of the course, students will:

- a. Understand the need for, as well as the benefits and limitations of, information security.
- b. Be familiar with the legal and ethical issues related to information use and security.
- c. Understand the management issues related to developing, implementing, and maintaining security policies.
- d. Be familiar with various information security methodologies and technologies.

4. Student assessment criteria:

Students will be assessed through a combination of lab assignments, exams, and a group project/presentation.

5. Instructional Approach:

The material in this class will be presented primarily through lectures and in-class demonstrations.

Textbook: Whitman, M. and Mattford, H. Principles of Information Security, Boston, MA: Course Technology, 2004

