Submitted by: Gail Brooks, Mike Lapke, Mukesh Srivastava
Date Prepared: 10/26/12

Department/Discipline and Course Number: COB/MMIS 540

Course Title: Computer Information Security

Type of change (check all applicable):
Course Number*   Title   X   Credits   Description   Prerequisites   X   Deletion

*This course number must be approved by the Office of the Registrar before the proposal is submitted.

Effective Date: FALL Semester, Year  ________________ Fall 2013 ________________

Current Catalog Entry

MMIS 540 – Computer Information Security (3)
This course equips students with a sound knowledge of the underlying principles of information security and provides them with the skills needed to analyze and evaluate information security problems, intrusion detection, firewalls, operational security, physical security, legal issues, steganography, and Internet security. Students explore security policies and models, cryptography, security in distributed systems, malware prevention, and disaster recovery techniques. An emphasis is placed on current issues, future directions, and research areas. This course provides a broad overview of the threats to the security of information systems, responsibilities, and basic tools. A research paper or project is required. (Credit is not awarded for both MMIS 540 and CIST 440.)

Proposed Catalog Entry

MMIS 540 – Information Systems Security (3)
Prerequisite: MMIS 500 or equivalent
This course equips students with a sound knowledge of the underlying principles of information security and provides them with the skills needed to analyze and evaluate information security problems, intrusion detection, firewalls, operational security, physical security, legal issues, steganography, and Internet security. Students explore security policies and models, cryptography, security in distributed systems, malware prevention, and disaster recovery techniques. An emphasis is placed on current issues, future directions, and research areas. This course provides a broad overview of the threats to the security of information systems, responsibilities, and basic tools. A research paper or project is required. (Credit is not awarded for both MMIS 540 and CIST 440.)

JUSTIFICATION (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required)

Replacing “Computer” with “Systems” makes the title better aligned with the overall program. MMIS 500 will provide students with the appropriate management information systems background needed for this course.

TRANSITION PLAN (describe how will students who are in Catalogs where the course is required for a major be accommodated; attach additional pages if required)

Because the basic content of this course is not changing, current students should not be impacted. The proposed prerequisite course, MMIS 500, is a required core course in the current MSMIS degree program.
Expedit ed Course Change Cover Sheet (July 2012)

Approvals

Department Chair__________Ken Machande_____________ Date: ____11/7/12______

College Curriculum Chair______Gail Brooks_____________ Date: ____11/7/12______

Expedited course changes are posted for a 10-class day comment period. If no comments are raised during that time, the proposal becomes final. All expedited proposals approved in this way will be noted on the UCC web site.

If comments are raised, the proposal may be reviewed by the UCC and then approved or it may be returned to the CCC for additional deliberation (as required).