



College Document # \_\_\_\_\_

UCC Document # 247Review Type:    Edit    Exp    Full**CATALOG YEAR 2013-2014**COLLEGE/SCHOOL/SECTION: A.R. Sanchez, Jr. School of Business

**Course:** Add: ☒ Delete:     
(check all that apply) Change: Number    Title    SCH    Description    Prerequisite   

**Response Required:** New course will be part of major    minor    as a required ☒ or elective    course

**Response Required:** New course will introduce   , reinforce   , or apply    concepts

If new, provide Course Prefix, Number, Title, **Measurable** Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

**Program:** Delete:    Add:    Change:    Attach new/changed Program of Study description and 4-year plan. If in current online catalog, provide change and attach text with changes in red.

**Program Learning Outcomes:** Add:    Change:    Attach listing of program learning outcomes.

**Minor:** Add:    Delete:    Change:    Attach new/changed minor. If in current online catalog, provide change and attach text with changes in red.

**College Introductory Pages:** Add information:    Change information:     
Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

**Other:** Add information:    Change information:    Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

Approvals:

Signature

Date

Chair  
Department Curriculum Committee

*Jacqueline Mayfield*  
*J. Ginnivathan*

*March 7, 2013*  
*3/7/13*

Chair  
Department

Chair  
College Curriculum Committee

*Jacqueline Mayfield*  
*R. Stephen Bears*

*March 7, 2013*  
*March 8, 2013*

Dean

## **MIS 5365 Business Information Security**

### **Course Description**

Basic notions of confidentiality, integrity, availability, authentication models, protection models, security kernels, audit, intrusion detection, operational security issues, physical security issues, security system life cycle management, personnel security, policy formation and enforcement, trust modeling, risks and vulnerabilities assessment, basic issues of law and privacy, trade secrets, employee covenants, copyright, database protection, software and hardware validation, verification and certification.

### **Learning Outcomes**

1. Learn the fundamental concepts in information security.
2. Understand the development of a security system life cycle.
3. Understand the threats faced by an information system.
4. Be familiar with the legal and ethical aspects of information security
5. Understand the risk management issues.
6. Understand the key steps needed in a business continuity plan.
7. Learn the methods available for information security maintenance.
8. Learn the security audit methods.

**Pre-Requisite**      MIS 5360      Management of Information Systems