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Academic Learning Compact : Management Information Services [Effective 2013]

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Academic Learning Compacts – ALCs
Management Information Systems
CIP: 52.1301

Academic Program Mission

The mission of the Management Information Systems program is to provide students with an understanding of the key concepts required to optimize business performance through the development, use and management of information systems. The curriculum has been designed so that the content of courses remains up to date, relevant and immediately useful to students preparing for management roles. It is also, flexible, accommodating the development of a range of skills that are critical to the effective utilization of information systems in business.

Career/Employment Options for Graduates

The Bureau of Labor Statistics predicts that the market for IS professionals and others with strong technology skills will experience steady growth in the years ahead, providing career opportunities in business analysis, database and network administration, Web development, electronic commerce project management and related fields.

Specific Information on this Academic Program

http://www1.usfsp.edu/cob/undergraduate_studies/information_systems.htm

Details Relating to Student Learning Outcomes

1.Content/ Discipline skills		
Goals/Objectives	Means of Assessment	Criteria for Success
1a. Plan and develop a computer program using an object-oriented programming language.	20 question multiple choice internally developed Information Systems Major Assessment Exam	At least 70 percent of students will score 70% or above on the questions assessing this objective (#2, #5 and #19) in the Information Systems Major Assessment Exam.
1b. Design, develop, and query a relational database, and demonstrate understanding of issues Critical to effective database administration.	20 question multiple choice internally developed Information Systems Major Assessment Exam	At least 70 percent of students will score 70% or above on the questions assessing this objective (#4, #6, #8, #13 and #16) in the Information Systems Major Assessment Exam.
1c. Explain basic data communication and network management concepts, including electromagnetic signals, encoding techniques, transmission impairments, multiplexing, local area networking protocols, wide area networking protocols, the Internet Protocol Suite (TCP/IP), security, and network management.	20 question multiple choice internally developed Information Systems Major Assessment Exam	At least 70 percent of students will score 70% or above on the questions assessing this objective (#10, #15 and #18) in the Information Systems Major Assessment Exam.

<p>Id. Design an information system to solve a typical business problem.</p>	<p>20 question multiple choice internally developed Information Systems Major Assessment Exam</p>	<p>At least 70 percent of students will score 70% or above on the questions assessing this objective (#7, #11, 12 and #14) in the Information Systems Major Assessment Exam.</p>
<p>Ie. Demonstrate awareness of contemporary issues in information systems management including computer ethics, cost/benefit analysis, total cost of ownership, strategic uses of information technology, make vs. buy decisions, project management, and service level agreements.</p>	<p>20 question multiple choice internally developed Information Systems Major Assessment Exam</p>	<p>At least 70 percent of students will score 70% or above on the questions assessing this objective (#3, #9, #17 and #20) in the Information Systems Major Assessment Exam.</p>

2. Communication Skills		
Goals/objectives	Means of Assessment	Criteria for success
2a. Students will demonstrate quality writing abilities.	Writing assignment in Strategic Management and Decision Making (GEB 4890).	It is expected that 80% of students will be rated as acceptable (satisfactory) or higher.
2b. Students will deliver an effective oral presentation on a business topic.	Orals presentations in Strategic Management and Decision Making (GEB 4890).	It is expected that 80% of students will be rated as acceptable or higher.
2c. Our students will demonstrate proficiency with using appropriate technology in the resolution of business problems and will demonstrate proficiency with using appropriate technology in the resolution of business problems.	Data is still being compiled and will be added when completed	Data is still being compiled and will be added when completed

3.Critical thinking skills		
Goals/objectives	Means of Assesment	Criteria for success
3a. Students will identify and prioritize key assumptions used in business decision-making scenarios.	20 question multiple choice internally developed GEB 4890 Strategic Management and Decision Making Assessment Exam.	It is expected that 70% of the responses for the related questions will be correct.
	Students will solve a two-way ANOVA problem and a Multiple Linear Regression Analysis problem on exams in the Business & Economic Statistics II course (QMB 3200).	It is expected that 70% of students will score a 70% or higher in examining and solving these problems.
3b.Students will solve business problems using appropriate quantitative and analytical techniques	Students will solve a two-way ANOVA problem and a Multiple Linear Regression Analysis problem on exams in the Business & Economic Statistics II course (QMB 3200).	It is expected that 70% of students will score a 70% or higher in examining and solving these problems.

4.Civic engagement		
Goals/objectives	Means of Assesment	Criteria for success
4a. Students will apply an ethical framework to dilemmas in specific business cases.	Writing assignment in Strategic Management and Decision Making (GEB 4890).	It is expected that 80% of students will be rated as acceptable (satisfactory) or higher.
4b.Students will identify a business decision's potential ethical impacts.	20 question multiple choice internally developed GEB 4890 Strategic Management and Decision Making Assessment Exam.	It is expected that 70% of the responses for the related questions will be correct.
4c. Students will demonstrate an understanding of the international business environment	20 question multiple choice internally developed GEB 4890 Strategic Management and Decision Making Assessment Exam.	It is expected that 70% of the responses for the related questions will be correct.
4d. Students will be able to evaluate the impact of culture and cross cultural differences on an organizations business strategy.	20 question multiple choice internally developed GEB 4890 Strategic Management and Decision Making Assessment Exam.	It is expected that 70% of the responses for the related questions will be correct.