Course Title: Management of Information Systems

Course Number: CIS-210

Department/Program Affiliation: Computer Information Systems Program

Date of Review:
(This Department Master Syllabus has been examined by the program/department faculty members and it is decided that no revision is necessary at this time.)

Date of Last Revision: November, 2018
(This Department Master Syllabus has been examined by the program/department faculty members and it is decided a change requiring a revision is necessary at this time.)

N.B. A change to the course materials alone (textbooks and/or supplementary materials) may not constitute a revision. Any other change to the items listed below on this form is considered a revision and requires approval by the program faculty at a Program/Department Meeting and by the division at a Chairs and Coordinator Meeting.

Credits: 3

Contact Hours: Lecture 3 Lab 0 Other 0

Prerequisites: ENG-101, MTH-111, and CIS-101 or CIS-105 or CIS206

Co-requisites: 0

Course Description:
Today, information systems are an integral part of all business activities and careers. This course introduces the students to contemporary information systems and demonstrates how these systems are used throughout organizations. The focus will be on the key components of information systems - people, software, hardware, data, and telecommunications, and how these components can be integrated and managed to create competitive advantage. Ethics and security protection relating to the use of information technology will be explained. In addition to surveying the exciting topic of information systems, students will gain hands-on experience with business software tools commonly applied to business data analysis and database management as well as business process execution. As a result, students will obtain valuable information technology knowledge and skills for being successful in all areas of business.

Course Student Learning Outcomes: (Cognitive, Psychomotor, Affective Domains)
Upon completion of this course, the student will be able to:

1. Differentiate between the various types of e-commerce as well as summarize how e-commerce has changed consumer retailing and business-to-business transactions as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

2. Identify the different types of enterprise applications as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

3. Explain ethical and security issues relating to the use of information technology as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

4. Identify the principal concepts and terms associated with database design and data management as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

General Education Student Learning Outcomes (if applicable):
1- To use computer systems or appropriate forms of technology to identify, collect and process information as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

2- To analyze and evaluate computer ethics for computer users as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

3- To access information effectively and efficiently for a specific purpose as assessed by tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc.

Course Outline:

Week	Topic
1	L&L Chapter 1 – Business Information Systems in Your Career
2	L&L Chapter 2 – E-Business: How Businesses Use Information Systems
3	L&L Chapter 3 – Achieving Competitive Advantage With IS
4	L&L Chapter 4 – IT Infrastructure: Hardware and Software
5	L&L Chapter 5 – Foundations of Business Intelligence: Databases and Information Management Access LAB
6	M&W Chapter 1 and Intro to Simulation Environment
7	M&W Chapter 2 Lecture and Simulation
8	M&W Chapter 3 Lecture and Simulation
9	M&W Chapter 5 Lecture and Simulation
10	M&W Chapter 6 Lecture and Simulation Excel LAB
11	L&L Chapter 6 – Telecommunications, the Internet, and Wireless Technology
12	L&L Chapter 7 – Securing Information Systems
13	L&L Chapter 9 – E-Commerce: Digital Markets, Digital Goods
14	L&L Chapter 11 – Building Information Systems and Managing Projects
15	L&L Chapter 12 – Ethical and Social Issues in IS / Ethics Assignment

Course Activities: (A brief sentence or two about the format of the course, certain requirements, etc.)

The classroom activities will include formal and informal lectures where new material and assigned problems will be explained. Students will have the opportunity to contribute to the discussion and to ask questions about the material. "Hands-on" work on the computer will be done during class to enforce the concepts covered as well as outside of regularly scheduled classroom hours.

ERP In-Class Exercises, Simulations, and Quizzes:

As part of this course, students will be focusing a large amount of time on discussing the importance of business processes, how they are executed within the organization, and the types of information and communication technologies used to support them. Students will be using in-class exercises and a simulated SAP ERP environment to help make these concepts more clear.

Access and Excel

As part of this course, students will receive hands-on experience with business software tools commonly applied to business data analysis and database management – specifically, Excel and Access.

Assessment of Student Learning Outcomes: The student will be evaluated on the degree to which student learning outcomes are achieved. A variety of methods may be used such as tests, quizzes, class participation, ERP exercises, simulations, projects, homework assignments, etc. (There must be some evidence that the learning outcomes have been achieved.)

Course Materials:
    Textbook(s): TBA
    Supplemental Materials: TBA