Minnesota State University Moorhead

CSIS 140: Introduction to Information Systems and Internet Technologies

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Introduction to information systems fundamentals and modern Web-enabled information systems. Introduction to contemporary Internet technologies based on the emerging set of applications, services, and standards that make it possible for information systems and software programs to communicate with each other and share information over the Web.

B. COURSE EFFECTIVE DATES: 01/24/2006 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Business Driven Information Systems.
2. Essentials of Information Systems.
3. Enterprise Information Systems.
4. Developing Information Systems.
5. Projects.

D. LEARNING OUTCOMES (General)

1. Describe the information technology¿s role in business.
2. Define TPS, DSS, and EIS and explain how an organization can use these systems to make decisions and gain competitive advantages.
3. Understand the basics of the information technology infrastructure, information systems architecture, and relationship between them.
4. Define the relationship between information technology and supply chain.
5. Explain the business value of integrating supply chain management, customer relationship management, and enterprise resource planning systems.
6. Demonstrate practical skills solving information systems problems using spreadsheets.
7. Demonstrate practical skills solving information systems problems using relational databases.
8. Demonstrate practical skills building Web-enabled information systems using XHTML and JavaScript.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted