CSCI 3720  
Fundamentals of Business Information Systems

Credit Hours: 3

Contact Hours: 3

Course Coordinator: Tony Pittarese

Text(s):  
HEC Montreal ERP Simulation Game, Leger, Robert, Babin, 2009 (Required)  
Essentials of Business Processes and Information Systems, Magal and Word, 2009 (Required)

Catalog Description:  
This course presents an overview of information systems in a modern organization. The strategic value of business computing and the underlying concepts needed to understand and guide system implementation are examined.

Prerequisite(s): 60 hours or permission of instructor

CS: MAJOR ELECTIVE
IS: REQUIRED
IT: REQUIRED

Course Outcomes:
Demonstrate knowledge of the importance of IS in business operations and core business concepts tightly related to IS implementation. - ETSU Outcomes IS-2b; ABET Outcomes a, i, IS-j

Demonstrate the use of enterprise information systems software to enter various standardized business transactions and correct any entry errors. - ETSU Outcomes IS-2a; ABET Outcomes IT-j

Demonstrate the interlocking nature of business processes by following a standardized business process through its entire life cycle in enterprise information systems. - ETSU Outcomes IS-2a; ABET Outcomes IS-j

Major Topics:
Using modern enterprise information systems
understanding fundamental business processes and functions Enterprise Resource Planning (ERP)

human resource planning within ERP

process modeling and improvement

supply chain management systems