CSCI 4757  

Information Systems Implementation

Credit Hours: 3
Contact Hours: 3

Course Coordinator: Tony Pittarese

Text(s):

*Integrated Business Processes with ERP Systems*, Magal and Word, 2010 (Required)

Catalog Description:

Presents implementation and configuration issues in contemporary Enterprise Resource Planning (ERP) and other enterprise-scale information systems. Topics include configuration, organization modeling, role management, decision support, and data integrity.

Prerequisite(s): (CSCI 2210 or CSCI 2910) and (CSCI 3720 or CSCI 5720)

CS: MAJOR ELECTIVE
IS: REQUIRED
IT: MAJOR ELECTIVE

Course Outcomes:

- Explain the importance of information systems in business operations and common implementation and configuration processes. - ETSU Outcomes IS-1, IS-1a; ABET Outcomes h, i, IS-j

- Demonstrate knowledge of common key configuration decision points in enterprise software systems decision. - ETSU Outcomes IS-1, IS-1a; ABET Outcomes h, i, IS-j

- Demonstrate the interlocking nature of enterprise system configuration by configuring a standardized business process in a contemporary enterprise information system - ETSU Outcomes IS-1, IS-1a; ABET Outcomes IS-j

Major Topics:

- Introduction to Business Processes
- Enterprise Systems
- Introduction to Financial Accounting
- Procurement Process
- Fulfillment Process
- Production Process
- Material Planning Process