BUS 365 – E-Business Security and Controls

Course Description

Provides a framework for analyzing and formulating electronic commerce strategy and business solutions. Examines the application of information technology in improving strategic management, facilitating the operations of a firm’s supply chain, and supporting the execution of enterprise systems within an organization. Surveys critical security issues of Web-based operations and e-commerce, and considerations to manage these risks. Appropriate cases are used to illustrate concepts of conducting business on the Internet and applying electronic commerce mechanisms.

Instructional Materials


Course Learning Outcomes

1. Explain the use of knowledge management, enterprise systems, and the application of decision support systems to improve performance and strategic management.
2. Explain the operation and strategic applications of various information system architectures and the supporting infrastructures.
3. Analyze the principal security issues of Web-based operations and e-commerce and develop strategies to manage these risks.
4. Describe the critical ethical and legal issues associated with conducting e-commerce and develop approaches to maintain appropriate ethical behavior.
5. Explain the operation and strategic applications of the major electronic commerce mechanisms to process business transactions.
6. Formulate e-commerce marketing strategies to service various market situations between businesses, consumers, and government.
7. Formulate IT-enabled strategies that firms can use to gain a competitive advantage and control operations.
8. Describe the role of information technology in facilitating a firm’s supply chain management.
9. Use technology and information resources to research issues in e-business security and controls.
10. Write clearly and concisely about e-business security and controls using proper writing mechanics.