CIST 2100 – Organizations, Applications, and Technology
Study Guide

Course description:

- This survey course provides an introduction to organizations and the role information and information systems play in supporting operations, decision-making, processes, quality management, and strategic activities of an organization. In addition, the course covers management of the IS function, strategic and regulatory issues of telecommunications, and ethical and legal issues.

Course text:

- Management Information Systems - Managing the Digital Firm. 14th Edition. Kenneth C. Loudon & Jane P. Loudon. Prentice Hall, 2016.

Course topics:

- Information Systems in Global Business Today
- Global E-Business and Collaboration
- Information Systems, Organizations, and Strategy
- Ethical and Social Issues in Information Systems
- IT Infrastructure and Emerging Technologies
- Foundations of Business Intelligence: Databases and Information Management
- Telecommunications, the Internet, and Wireless Technology
- Securing Information Systems
- Achieving Operation Excellence and Customer Intimacy: Enterprise Applications
- E-Commerce: Digital Markets, Digital Goods
- Managing Knowledge
- Enhancing Decision Making
- Building Information Systems
- Managing Projects
- Managing Global Systems