CIS 109 – Management Information Systems

Course Description

This course covers structures and concepts of management information systems. It emphasizes the importance of integrated information as used in the decision process and the information flows associated with each decision point in a business structure. It enables the development of a philosophy of information systems administration.

Instructional Materials

Bidgoli, H. (2012). *MIS2*. Boston: Cengage Learning.

Course Learning Outcomes

1. Describe how and why information systems are used today.
2. Demonstrate an understanding of the technology, people, and organizational components of information systems.
3. Explain the major components of an information systems infrastructure.
4. Evaluate the ethical concerns that information systems raise in society and the impact of information systems on crime, terrorism, or war.
5. Explain how to secure information systems resources that focus on both human and technological safeguards.
6. Identify how to mitigate risks as well as plan for and recover from disasters.
7. Identify emerging technologies that enable new forms of communication, collaboration, and partnering.
8. Explain how information systems are enabling new forms of commerce between individuals, organizations, and governments.
9. Recognize how information systems are used for competitive advantage.
10. Demonstrate the value of information systems investments as well as learn to formulate a business case for a new information system, including estimation of both costs and benefits.
11. Outline how organizations develop and acquire information systems and technologies.
12. Recognize how enterprise systems foster stronger relationships with customers and suppliers and how these systems are widely used to enforce organizational structures and processes.
13. Explain how various types of information systems provide the information needed to gain business intelligence to support the decision making for the different levels and functions of the organization.
14. Use technology and information resources to research issues in information systems.
15. Write clearly and concisely about management information systems using proper writing mechanics.