COURSE OUTLINE

DEPT. CST        COURSE NUMBER: 1220

NUMBER OF CREDITS: 3 Lecture: 3 Lab: 0 OJT 0

Course Title:
Information Security Management

Catalog Description:
Information Security Management will introduce the student to the need for information security from a management perspective, including the ethical, legal and professional security issues. The student will assess, identify and control security risks, identify secure network design, plan for disaster recovery, setup security policies and describe secure employment practices. This is part of a series of courses designed to understand, manage and implement information security and will touch on most aspects of information security. This course helps prepare students for additional certifications in information security.

Prerequisites or Necessary Entry Skills/Knowledge:
None

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Goal 1: Communication: ____ by meeting the following competencies:

Goal 2: Critical Thinking: ____ by meeting the following competencies:

Goal 3: Natural Sciences: ____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: ____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: ____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: ____ by meeting the following competencies:

Goal 7: Human Diversity: ____ by meeting the following competencies:

Goal 8: Global Perspective: ____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: ____ by meeting the following competencies:

Goal 10: People and the Environment: ____ by meeting the following competencies:
Topics to be Covered (General)

- The need for information security
- Computer and network threats and risk
- Security Policies and Procedures
- An information security plan
- Risk management
- Disaster plans and recovery
- Security implementation

Student Learning Outcomes

1. Identify components of a secure network
2. Identify types of viruses and security breaches
3. Identify types and uses of security devices
4. Detect security breaches
5. Describe the recovery information systems
6. Create a blueprint for a secure network environment
7. Describe security and authentication protocols

Is this course part of a transfer pathway: Yes ☒ No ☐

*If yes, please list the competencies below

Revised Date: Click or tap here to enter text.