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
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

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<tr>
<th><strong>Student Learning Outcomes</strong></th>
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<tr>
<td>Identify components of a secure network.</td>
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<td>Identify types of viruses and security breaches.</td>
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<td>Identify types and uses of security devices.</td>
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<td>Detect security breaches.</td>
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<td>Describe the recovery information systems.</td>
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<td>Create a blueprint for a secure network environment.</td>
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<td>Describe security and authentication protocols.</td>
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**Is this course part of a transfer pathway:** Yes [ ] No [x]  
*If yes, please list the competencies below*

Revised Date: 3/29/2022