Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. CST COURSE NUMBER: 1180

NUMBER OF CREDITS: Lecture: 1 Lab: OJT Total Credits: 1

Course Title: Data Security Awareness

Catalog Description: (Should begin with the course name followed by an action verb. /contains only class content.) (This will be published in catalog and published on website EXACTLY as written here):

Data Security Awareness will introduce the student to the need for information security. This includes the ethical, legal and professional security issues. The student will develop an awareness of the types of attacks on data, who would perform such attacks, and how to defend against data loss. The student will learn how to protect their home and office computer from misuse and viruses. The student will also be presented with corporate security strategies, including policies, incident response and disaster recovery.

Prerequisites or Necessary Entry Skills/Knowledge: (Enter 4 digit discipline and course number)
N/A

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)**

| 1. The need to secure our information          |
| 2. Potential risks and how can we control them |
| 3. Personal computer security                 |
| 4. Corporate Security policies and information recovery |

**Student Learning Outcomes**

| 1. Define Information Security               |
| 2. Describe the need for information Security |
| 3. Identify security threats                 |
| 4. Install and configure security elements on personal computers |
| 5. Identify security risk from the internet  |
| 6. Identify the elements of a secure network environment |

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

*If yes, please list the competencies below

Revised Date: 3/17/2021