MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

DEPT. CST   **COURSE NUMBER: 2520**

NUMBER OF CREDITS: 2   **Lecture: 1 Lab: 1   OJT: 0**

Course Title:
Ethical Hacking

Catalog Description:
Ethical Hacking is designed for the student to explore the tools that hackers use to gain access to systems in order to better protect their network environment. It will look at software, hardware and social engineering schemes that hackers use. The course will also cover suggestions for protecting your system from unauthorized access. Legal and ethical hacking issues will be discussed.

Prerequisites or Necessary Entry Skills/Knowledge:
CST 1200

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
Hackers
Hacking tools
Laws and Penalties for hacking

Student Learning Outcomes
Summarize laws and penalties relating to hacking and unauthorized use of electronic data and media.

Describe the characteristics and knowledge of a hacker.
Identify Hacking terms.
Identify software and hardware tools that hackers use to crack systems.
Perform hacking using hacking tools.
Create a hacking lab.
Identify careers for hackers.

Is this course part of a transfer pathway: Yes ☐   No ☒
*If yes, please list the competencies below

Revised Date: 3/29/2022