**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 Introduction to Information Security

**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. Hackers
2. Hacking tools
3. Laws and Penalties for hacking

### Student Learning Outcomes

1. Summarize laws and penalties relating to hacking and unauthorized use of electronic data and media
2. Describe the characteristics and knowledge of a hacker
3. Identify Hacking terms
4. Identify software and hardware tools that hackers use to crack systems
5. Perform hacking using hacking tools
6. Create a hacking lab
7. Identify careers for hackers

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

*If yes, please list the competencies below*

Revised Date: 04/2021