

**HIBBING COMMUNITY COLLEGE  
COURSE OUTLINE**

**COURSE NUMBER & TITLE:** CNT 2070: Digital Forensics I

**CREDITS:** 3 (2 Lec / 1 Lab )

**PREREQUISITES:** MCT1543, 1545 or A+ Hardware and Software cert.; CAPP 2019, MCT2040, MCT2010

**CATALOG DESCRIPTION:**

This course deals with the preservation, identification, extraction, documentation and interpretation of computer data. Topics covered include evidence handling, chain of custody, collection, preservation, identification and recovery of computer data. This course will feature the use of NTI forensics tools.

**OUTLINE OF MAJOR CONTENT AREAS:**

- I. Introduction to Incident Response
- II. Risk Analysis
- III. Methodology for Incident Response
- IV. Forming and Managing an Incident Response Team
- V. Tracing Network Intrusions
- VI. Legal Issues
- VII. Forensics
- VIII. Responding to Insider Attacks
- IX. The Human Side of Incident Response
- X. Traps and Deceptive Measures

**COURSE OUTCOMES/OBJECTIVES/GOALS:**

Students will

1. explain what an incident response is.
2. explain the importance of risk analysis and incident response.
3. determine a six stage methodology for an incident response.
4. plan the management of an incident response team effort.
5. implement attack tracing.
6. describe U.S. and international computer crime statutes.
7. explain search, seizure and monitoring.
8. implement forensics software.
9. set up forensics hardware.
10. demonstrate acquiring evidence.
11. describe covert searches.
12. plan traps and deceptive measures.

**MNTC GOALS AND COMPETENCIES MET:**

N/A

**HCC COMPETENCIES MET:**

Communicating Clearly and Effectively  
Working Productively and Cooperatively

**STUDENT CONTRIBUTIONS:**

The student will attend lectures regularly, participate in class discussions, and spend sufficient time in the classroom and lab to complete all assignments and examinations on a timely basis.

**STUDENT ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS  
SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.**

**SPECIAL INFORMATION (SPECIAL FEES, DIRECTIVES ON HAZARDOUS  
MATERIALS, ETC.)**

<b>AASC APPROVAL DATE:</b> <b>May 13, 2014</b>
<b>REVIEW DATE:</b> <b>May 2019</b>

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