A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:**
  - ISTC 1015: Supporting Business Applications
  - ISTC 1015: Supporting Business Applications
  - ISTC 1015: Supporting Business Applications
  - ISTC 1033: Operating Systems II
  - ISTC 1033: Operating Systems II
  - ISTC 2065: Security II: Firewalls

- **Corequisites:** None
- **MnTC Goals:** None

Course Description This course will provide a foundation in the field of Computer Forensics. The student will learn how to obtain and analyze digital information for possible use as evidence in civil, criminal or administrative cases. Topics include applications of hardware and software to computer forensics, computer forensics law, volume and file system analysis, computer forensics investigations, and computer forensics in the laboratory. Hands-on exercises guide discussions and reinforce the subject matter. Pre-Requisites - ISTC1015 (Supporting Business Apps) AND ISTC1033 (OS-2)

B. Course Effective Dates: 8/2/19 – Present

C. Outline of Major Content Areas

   As noted on course syllabus

D. Learning Outcomes

1. Demonstrate acquisition, recovery, and analysis of data from USB/flash drives and hard drives
2. Demonstrate various data/evidence acquisition methods
3. Describe storage formats for digital evidence
4. Describe the most common Investigations
5. Describe the steps in preparation for a search and seizure
6. List the Rules of Evidence
7. Prepare reports for High-Tech Investigations and testifying in court.
8. Work with current Forensics Tools

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted