J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: ITN 276   **Credits:** 3

Course Title: Computer Forensics I

Course Description: Teaches computer forensic investigation techniques for collecting computer-related evidence at the physical layer from a variety of digital media (hard drives, compact flash and PDAs) and performing analysis at the file system layer. Prerequisite: ITE 221, or ITN 106 and ITN 107. Co-requisite: ITN 260. Credit will be given to ITN 275 or ITN 276 and ITN 277, but not all three courses. Lecture 3 hours per week.

General Course Purpose: This course is designed to train computer technicians in the elements of computer forensics investigation.

Course Prerequisites and Co-requisites:
Prerequisite: ITE 221, or ITN 106 and ITN 107
Co-requisite: ITN 260
Credit will be given to ITN 275 or ITN 276 and ITN 277, but not all three courses.

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Collect digital evidence on a variety of computer systems using accepted forensic processes;
b. Understand and correctly use court-accepted imaging and analysis tools; and
c. Operate under the legal challenges to collecting and analyzing digital evidence.

Major Topics to Be Included:
a. Understanding computer forensics
b. Legal issues in computer forensics investiga59 T0.
c. Preparing for an investigation