Course Title: IST 166 Computer Forensics I

Course Instructor(s): Steve Shank, David Yohman

Programs: IST Networking Track I, IST Networking Track II, Biotechnology Program, Forensics

Expected Learning Outcomes

1. The student will be able to explain the legal foundation for understanding traditional and electronic evidence and evidence handling procedures.

2. The student will be able to describe the technical details of a forensic examination of computers and electronic media.

3. The student will be able to construct a report of forensic analysis and findings

Assessment (How do students demonstrate achievement of these outcomes?)

Satisfactory scores on exams and projects.

Satisfactory score on practical exam modeled upon CyberWATCH curriculum and textbook exercises.

Labs

Validation (What methods are used to validate your assessment?)

1. Approval of Administration of Justice Advisory Council

2. Faculty Review

3. CyberWATCH consortium curriculum

Results (What do the data show?)
Since the 2010 fall semester a total of 27 students have taken IST166 Forensics I.

26 (96%) of the students completed the course and 26 (96%) were successful.

The grade distribution is as follows:

A	16	50%
B	5	19%
C	5	19%
D	0	0%

F   1   4%

There was 0 audit and 0 withdrew from the course.

Follow-up (How have you used the data to improve student learning?)
96% of students completing course requirements successfully complete coursework

Labs have been added to improve student understanding and interest

Students participated in a Forensics competition.

(To do)
Continue to search for better textbook

Seek out forensics competitions that will allow students to apply their skills.

Develop and present forensics talks to ITA club to increase forensics awareness.

Research and develop curriculum to seek Forensics Certification.

Budget Justification
(What resources are necessary to improve student learning?)

PC lab hardware; switches, routers, projection unit, cabling, tools, printers, PCs, servers
Security hardware and software
Course Management software
Classroom Management system software