COURSE SYLLABUS

Course Title:	Computer Forensics and Investigations	**Date submitted:**	Spring 2014 (AAC: 14-28)
Department:	Business and Technology		
Curriculum:	Computer Information Systems		

Course Descriptors:
Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.

Course Code: (eg. ACC 101)	CST*156
Course Type:	X

A: Clinical   B: Lab   D: Distance Learning
I: Individual/Independent   L: Lecture   N: Internship
M: Seminar P: Practicum   U: Studio
X: Combined Lecture/Lab   Y: Combined Lecture/Clinical/Lab   Z: Combined Lecture/Studio

Elective Type:	G

AH: Art History E: English   FA: Fine Arts G: General   HI: History HU: Humanities   LAS: Liberal Arts & Sciences FL: Foreign Language M: Math   S: Science   SS: Social Science

Credit Hours:	3
Developmental: (yes/no)	No
Contact Hours: Lecture:	1.5
Clinical:	0
Lab:	1.5
Studio	0
Other:	0
TOTAL:	3
Class Maximum:	24
Semesters Offered:	F/Sp

Prerequisites:

None.

Corequisites:

None.

Other Requirements:

None.

Catalog Course Description:	This course introduces students to the field of computer forensics. Topics to be covered include data acquisition, analyzing evidence, and investigations. Students will complete hands-on computer-based exercises and lab simulations. Students will learn how to work with different operating systems so that forensic extraction is relevant for legal review or to be used as testimonial evidence.
Topical Outline: List course content in outline format.	1. Computer Forensics 2. Computer Investigations 3. Data Acquisitions 4. Computer Forensics Tools 5. Working with Windows Systems 6. Working with Macintosh and Linux Systems 7. Computer Forensics Analysis 8. Email Investigations 9. Cell Phone and Mobile Device Forensics 10. Ethics and High-Tech Investigations
Outcomes:	**Upon successful completion of this course, the student will be able to do the following:**

Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.	**COURSE:** 1. demonstrate an understanding of computer forensics and investigations 2. demonstrate an understanding of conducting forensic investigations with difference operating systems 3. use current computer forensics tools as needed in given situations 4. apply data gathering and analysis techniques in a simulated computer forensic investigation
	PROGRAM: *(Numbering reflects Program Outcomes as they appear in the college catalog)* None.

	GENERAL EDUCATION: *(Numbering reflects General Education Outcomes as they appear in the college catalog)*
	
	2. **Critical Analysis/ Logical Thinking -** Students will be able to organize, interpret, and evaluate evidence and ideas within and across disciplines; draw reasoned inferences and defensible conclusions; and solve problems and make decisions based on analytical processes.
	
	    Demonstrates: Identifies the issue(s); formulates an argument; explains and analyzes relationships clearly; draws reasonable inferences and conclusions that are logical and defensible; provides support by evaluating credible sources of evidence necessary to justify conclusions.
	
	    Does Not Demonstrate: Identifies few or no issues; formulates an argument without significant focus; provides an unclear explanation of analysis and relationships; drawing few reasonable inferences and conclusions that are illogical and indefensible; provides little to no support using credible sources of evidence necessary to justify conclusions.

Evaluation: List how the above outcomes will be assessed.	**Assessment will be based on the following criteria:** Hands-on computer exercises Lab simulations ePortfolio Project
Instructional Resources: List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.	**Required:** No additional resources are needed **Desired:**
Textbook(s)	Check with Program Coordinator for approved textbook and lab simulation software.