

COURSE SYLLABUS

Course Title:	Special Topics: Computer Forensics and Investigations		Date submitted:	April, 2012 (AAC: 12-11)	
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*298	Prerequisites:		
	Course Type:	X	None.		
	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 FL: Foreign Language G: General HI: History HU: Humanities LA: Liberal Arts & Sciences M: Math S: Science SS: Social Science				
	Credit Hours:	3	Corequisites:		
	Developmental: (yes/no)	No	None.		
	Lecture:	1.5			
	Clinical:	0			
	Lab:	1.5			
Studio:	0				
Other:	0				
TOTAL:	3	Other Requirements:			
Class Maximum:	24	None.			
Semesters Offered:	F/Sp				
Ability Based Education (ABE) Statement	At Tunxis Community College students are assessed on the knowledge and skills they have learned. The faculty identified the General Education Abilities critical to students' success in their professional and personal lives. In every class, students are assessed on course abilities, sometimes program abilities, and, in most classes, at least one General Education Ability. Students will receive an evaluation of the degree to which they have demonstrated or not demonstrated that General Education Ability.				
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.	<ol style="list-style-type: none"> 1. Computer Forensics 2. Computer Investigations 3. Data Acquisitions 4. Computer Forensics Tools 				

	<ol style="list-style-type: none"> 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
<p>Outcomes: Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.</p>	<p>Upon successful completion of this course, the student will be able to do the following:</p> <p>COURSE:</p> <ol style="list-style-type: none"> 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 <p>PROGRAM: <i>(Numbering reflects Program Outcomes as they appear in the college catalog)</i> None.</p> <p>GENERAL EDUCATION: <i>(Numbering reflects General Education Outcomes as they appear in the college catalog)</i></p>
<p>Evaluation: List how the above outcomes will be assessed.</p>	<p>Assessment will be based on the following criteria:</p> <p>Hands-on computer exercises Lab simulations ePortfolio Project</p>
<p>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.</p>	<p>Required: No additional resources are needed</p> <p>Desired:</p>
<p>Textbook(s)</p>	<p>Check with Program Coordinator for approved textbook and lab simulation software.</p>