**Course Title:** Special Topics: Computer Forensics and Investigations  

**Department:** Business and Technology  

**Curriculum:** Computer Information Systems  

**Course Code:** CST*298  

**Course Type:** X  

**Elective Type:** G  

**Credit Hours:** 3  

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

**Prerequisites:** None.  

**Corequisites:** None.  

**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:**  
1. Computer Forensics  
2. Computer Investigations  
3. Data Acquisitions  
4. Computer Forensics Tools
| Outcomes | 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 |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Upon successful completion of this course, the student will be able to do the following:</strong></td>
<td></td>
</tr>
</tbody>
</table>
| **COURSE:** | 1. demonstrate an understanding of computer forensics and investigations  
2. demonstrate an understanding of conducting forensic investigations with different 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)  
None. |
| **Evaluation:** |  |
| **Assessment will be based on the following criteria:** | Hands-on computer exercises  
Lab simulations  
ePortfolio Project |
| **Instructional Resources:** |  |
| **Required:** | No additional resources are needed |
| **Desired:** | Textbook(s)  
Check with Program Coordinator for approved textbook and lab simulation software. |