

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Information Technology Systems</u>
COURSE RUBRIC AND NUMBER	<u>ITDF 1300</u>
COURSE TITLE	<u>Introduction to Digital Forensics</u>
COURSE CREDIT HOURS	<u>3 3 : 1</u> Credits Lec Lab

I. Catalog Description

Studies the application of digital forensic technology to collect, analyze, document, and present information while maintaining a documented chain of custody. Provides an overview of ethics, crime, and other legal guidelines/regulations/laws. Includes overview of tools used for forensic analysis of digital devices in investigations. (3:1).

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Explore the changes in society associated with the advent of technical changes and the introduction of the Internet.
- B. Identify crimes committed using digital devices.
- C. Discuss the impact of the internet on terrorism and organized crime.
- D. Discuss investigative tools used by government to reduce the risks posed by modern technology.
- E. Identify legislation that is specific to technology and the Internet.
- F. Discuss the evolution of the expectation of privacy.
- G. Identify problems associated with computer investigation.
- H. Explain the structure of computer disks.
- I. Discuss how data is stored.
- J. Describe the role of the digital forensics technician in investigating crimes.
- K. Identify the tools used to collect and analyze information stored on digital devices.
- L. Describe proper handling of evidence obtained during investigation for civil or criminal proceedings.
- M. Discuss the importance of documentation and the chain of custody.

III. THECB Learning Outcome (WECM)

1. Identify crimes committed using digital devices.
2. Define the role of the digital forensics technician in investigating crimes or incidents.
3. Identify the tools used to collect and analyze information stored on digital devices.
4. Describe proper handling of evidence obtained during investigation for civil or criminal proceedings including chain of custody.

IV. Evaluation

- A. Pre-assessment

Students must have taken and completed either ITSC 1301 or BCIS 1305 prior to taking this course.

B. Post-assessment

This course will contain lab assignments and exams. The instructor will determine the mix of lab assignments and exams to arrive at a grade as described in the Instructor's Requirements document.

C. Remediation

The instructor may provide the students with means of improving a grade. The instructor will determine the timing, form, and method of remediation. The final grade will be based on a percentage of total points earned:

Percentage	Letter Grade
90 - 100	A
80 - 89.99	B
70 - 79.99	C
60 - 69.99	D
0 - 59.99	F

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024)

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early college High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.