

East Carolina University
School of Industry and Technology
Department of Industrial Technology

COURSE NUMBER/TITLE: ICTN 4064 Regulations and Policies

HOURS: (3)

CATALOG DESCRIPTION: (3) 3 hours lecture per week. **P: ICTN 2000.** Government and industry regulations and policies applied to information technology industry. Broad view of impact and effectiveness of regulations and policies.

PREREQUISITES: ICTN 2000 Introduction to Telecommunications

COURSE OBJECTIVES: The course is designed to provide an overview of the legal and moral concepts related to effective creation and management of user and system policies that govern Information Technology. Students will learn to identify law enforcement and legal issues that may arise for Information Technology professionals. Students will become familiar with the international, federal and state standards governing management of Information Systems. Students will become familiar with the interrelationships between regulation, law enforcement and policy development as those concepts relate to Information Technology professionals. Students will discover the ethical foundation upon which the laws and professional decisions must be based.

Upon completion students will be able to:

Describe the legal environment of an information network including the differences between, State, Federal and International laws and governing bodies.

Understand basic rules for electronic records management.

Identify basic issues related to international security issues.

Identify basic elements of most common criminal activity related to Information Technology

Identify basic procedures to ensure the integrity of evidence

Identify and well executed basic incident response plan that is legally sound

Describe the ethical principles used to create and execute legal decisions as well as professional ones.

TEXTBOOK(s): Readings from the Internet:
www.sans.org;
Coursepack

GRADING:	Homework	20%
	Test 1	20%
	Test 2	20%
	Test 3	20%
	Projects	<u>20%</u>
		100%

A = > 90%;

B = or > 80% & < 90%;

C = or > 70% & < 80%;
D = or > 60% & < 70%;
F < 60%

PROJECT DESCRIPTION: Students will be assigned small groups to analyze a set of policy and/or criminal procedure guidelines. Students will be expected to identify possible conflicts between policy and law and security risks that may occur given the set of policies provided. Students will then be asked to develop additional policies or changes to make the problem policies more appropriate for implementation. Students will also consider ethical issues that may arise and provide solutions to those problems. Each group will present the findings to the class.

COURSE TOPICS:

- Federal, State and International laws governing Information Technology
- Rights of users and organizations with respect to access to information, including privacy issues
- Creating system and user policies
- The nature of evidence and protection of evidence integrity
- The legally sound incident investigation
- The elements of a criminal investigation and types of crimes most commonly encountered by Information Technology professionals, including national security breaches and password protection failures
- The role of state and federal law enforcement agencies in incident investigations
- The role of international law enforcement in criminal investigation in the US and abroad

ATTENDANCE: Attendance is required and expected in this class. Because of the difficult nature of the coursework and the rapid progress required in the class students are required to attend. A student may have three unexcused absences. Any unexcused absence in excess of the third unexcused absence will reduce the student's final course grade by one full grade level. More than five unexcused absences will result in the student receiving an F in the class.

ACADEMIC INTEGRITY: East Carolina University policy regarding academic integrity will be followed in this class: "Academic integrity is expected of every East Carolina University student. Academically violating the Honor Code consists of the following: cheating, unauthorized aid or assistance or the giving or receiving of unfair advantage on any form of academic work; plagiarism, copying the language, structure, ideas, and/or thoughts of another and adopting those as one's original work; falsification, statement of untruth, either spoken or written, regarding any circumstances relating to academic work; and attempting any act which if completed would constitute an academic integrity violation as defined above."

DISABILITY POLICY: East Carolina University seeks to fully comply with the Americans with Disabilities Act (ADA). Students requesting accommodations

based on a covered disability must go to the Department for Disability Support Services, located in Brewster A-114, to verify the disability before any accommodations can occur. The telephone number 252-328-6799.