

CLEVELAND INSTITUTE OF ELECTRONICS SYLLABUS

Course Number: M120

Course Name: Applied Ethics

Course Clock Hours: 150

Course Prerequisites: None

Course Co-requisites: None

Course Contact Information: www.cie-wc.edu faculty@cie-wc.edu
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Course Description: This course offers extensive and topical coverage of issues such as file sharing, infringement of intellectual property, security risks, internet crimes, identity theft, employee surveillance, privacy and compliance. Students will gain an excellent foundation in ethical decision-making for current and future business managers and IT professionals.

Course Objectives: Upon the completion of this course the student will be able to:

- Discuss the nature of file sharing and security risks
- Discuss infringement of intellectual property of individuals and corporations
- Discuss how to prevent internet crimes and identity theft
- Discuss the ethical implications of employee surveillance and privacy in the workplace
- Utilize ethical decision-making practices of managers and employees

Course Readings: The required readings will be drawn from a textbook published by Course Technology/Cengage Learning. The author is George Reynolds and the title of the textbook is Ethics in Information Technology, 4th Edition (ISBN 1111534128). Students should complete the required readings and solve all problems in the exercise sections before continuing to the next topic.

Student Evaluation and Grading: Each of the nine lessons concludes with an examination; all examinations are open book. The minimum passing score of 70% must be achieved but if the score is less than 70%, the examination must be retaken to earn a passing score of 70% for the lesson. The nine examination scores are averaged together and constitute 75% of the course grade; the remaining 25% of the course grade is from the final examination.

93% - 100%	A	The final grade for this course will be determined as follows:	
86% - 92.9%	B	Nine examinations =	75%
78% - 85.9%	C	Final Examination =	25%
70% - 77.9%	D	Total =	100%

Course Schedule: You should complete the following lessons in the order shown in the table. It is best to complete 1-2 lessons per week to maintain your schedule.

Lesson Number	Title of Lesson	Topics Covered
9501	An Overview of Ethics	<ul style="list-style-type: none"> • What is Ethics • Ethics in the Business World • Ethics in IT
9502	Ethics for IT Professionals and IT Users	<ul style="list-style-type: none"> • Codes of ethics • Professional organizations • Certification and Licensing
9503	Computer and Internet Crime	<ul style="list-style-type: none"> • Common types of computer security attacks • Response to a security incident • Key elements of a multilayer process for managing security vulnerabilities
9504	Privacy	<ul style="list-style-type: none"> • The right of privacy • Identity theft • Workplace monitoring
9505	Freedom of Expression	<ul style="list-style-type: none"> • The basis for the protection of freedom of expression • Types of expression not protected under the law • Key federal laws that affect online freedom of expression
9506	Intellectual Property	<ul style="list-style-type: none"> • Protecting intellectual property • Plagiarism • Open source code • Competitive intelligence
9507	Software Development	<ul style="list-style-type: none"> • The four most common types of software product liability claims • The essential components of a software development methodology • Safety-critical systems
9508	The Impact of Information Technology on the Quality of Life	<ul style="list-style-type: none"> • IT impact on the standard of living and worker productivity • IT impact on improving the quality of health care
9509	Social Networking and Ethics of IT Organizations	<ul style="list-style-type: none"> • Social networks • The key ethical issues associated with the use of social networking Web sites • Virtual life community
9510	Final Exam	<ul style="list-style-type: none"> • Comprehension of All Topics