

uCertify

Course Outline

Cyberethics: Morality and Law in Cyberspace



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1. Course Objective

Use the Cyberethics Morality and Law in Cyberspace course and lab to understand the concepts of cyberethics. Lab simulates real-world, hardware, software and command line interface environments and can be mapped to any text-book, course or training. The Cyberethics training course covers topics such as the social costs and moral problems caused by the underlying technologies that support the vast information network. The cyberethics course stimulates a reader's reflection on the broad issues of Internet governance and its control by the state.

2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

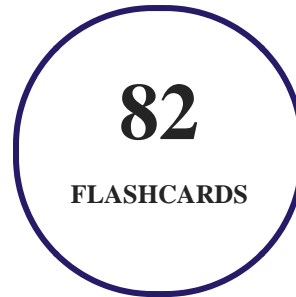
3. Quiz

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.

230
QUIZ

4. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



5. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



6. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

7. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

8. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

9. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
 1. Best Postsecondary Learning Solution
- **2015**
 1. Best Education Solution

2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

- **2018**

1. Best Higher Education LMS or Learning Platform
2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

- **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

10. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Preface

Chapter 2: The Internet and Ethical Values

- Cyberethics and Code
- Iron Cage or Gateway to Utopia?
- Ethical Values and the Digital Frontier
- Postscript on Moral Theory
- Floridi's Macroethics
- Normative Principles

- Additional Resources

Chapter 3: Information and Power: Regulating and Governing Networked Technologies

- The Early History of the Internet
- The Internet's Architecture
- Net Neutrality
- The World Wide Web
- Gatekeepers and Search Engines
- Social Networking
- Internet Governance
- Contested Sovereignty in Cyberspace
- Internet Monopolies
- Discussion Questions
- Case Studies: American or Australian Libel Law?
- Additional Resources

Chapter 4: Free Speech and Censorship in Cyberspace

- Speech and Internet Architecture
- Pornography in Cyberspace

- Hate Speech
- Online Threats
- Anonymous Speech
- Government Censorship and the Fate of Political Speech
- Postscript
- Discussion Questions
- Case Studies: When Is a Facebook Post a Real Threat?
- Additional Resources

Chapter 5: Intellectual Property in Cyberspace

- Background on Intellectual Property
- Issues for the Internet and Networking Technologies
- Digital Books and E-Books
- Postscript
- Discussion Questions
- Case Studies: Readers' Rights, Remixing, and Mashups
- Additional Resources

Chapter 6: Privacy Rights in the Age of Surveillance

- A Definition and Theory of Privacy
- Personal Information on the Internet
- Consumer Privacy on the Internet
- The United States and the European Union: Divergent Paths to Privacy Protection
- A Prescription for Privacy?
- Privacy in the Workplace
- Discussion Questions
- Case Studies: Privacy and the Right to Be Forgotten
- Additional Resources

Chapter 7: Securing the Digital Infrastructure

- Vulnerabilities of Networked Technologies
- Cybercrime
- Antipiracy Architectures
- Trespass, Hackers, and Hacktivism
- Security Measures in Cyberspace
- CyberSecurity as a Moral Obligation
- The Encryption Controversy: A Public Policy Perspective

- New Encryption Disputes and Challenges
- Encryption Code, Privacy, and Free Speech
- Discussion Questions
- Case Studies: The Lulz Sec Hackers
- Additional Resources

11. Practice Test

Here's what you get

75
PRE-ASSESSMENTS QUESTIONS

75
POST-ASSESSMENTS QUESTIONS

Features

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

12. Performance Based Labs

uCertify's performance-based labs are simulators that provides virtual environment. Labs deliver hands on experience with minimal risk and thus replace expensive physical labs. uCertify Labs are cloud-based, device-enabled and can be easily integrated with an LMS. Features of uCertify labs:

- Provide hands-on experience in a safe, online environment
- Labs simulate real world, hardware, software & CLI environment
- Flexible and inexpensive alternative to physical Labs
- Comes with well-organized component library for every task
- Highly interactive - learn by doing
- Explanations and remediation available
- Videos on how to perform

Lab Tasks

- Understanding Lessig's Constraints
- Understanding Iron Cage or Gateway to Utopia
- Discussing About the Internet and Ethical Values
- Understanding Moral Theories
- Understanding Negative and Positive Rights
- Understanding Contractarianism and Utilitarianism
- Understanding Moral Theories
- Understanding the Floridi's Ethical Theory
- Understanding Normative Principles
- Understanding ARPANET
- Understanding Internet-Related Terms

- Introducing the Internet Architecture
- Understanding ICANN
- Understanding Child Pornography Acts
- Understanding the Communications Decency Act
- Understanding COPA
- Understanding CIPA
- Discussing About Hate Speech, Anonymous Speech, and Internet Threats
- Understanding the Copyright Term Extension Act
- Understanding Types of Legal Protections
- Understanding Legal Protection for Intellectual Property
- Understanding the Digital Millennium Copyright Act
- Understanding Copyright Laws
- Understanding Legal Protection Terms
- Understanding DRM
- Identifying Types of Risks
- Understanding Seclusion Theory Terms
- Discussing the FCRA and COPPA Acts
- Understanding the Fair Credit Reporting Act
- Explaining Types of Acts
- Understanding Internet worms
- Understanding CFAA
- Discussing About Cybercrime and its Security Measures
- Learning About Public Key Encryption
- Understanding DES and AES
- Understanding the Clipper Chip

Here's what you get




13. Post-Assessment


After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

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