uCertify

Course Outline

Developing Cybersecurity Programs and Policies



27 Mar 2024

1. Course Objective
2. Pre-Assessment
3. Exercises, Quizzes, Flashcards & Glossary

   Number of Questions
4. Expert Instructor-Led Training
5. ADA Compliant & JAWS Compatible Platform
6. State of the Art Educator Tools
7. Award Winning Learning Platform (LMS)
8. Chapter & Lessons

   Syllabus

   Chapter 1: Introduction

   Chapter 2: Understanding Cybersecurity Policy and Governance

   Chapter 3: Cybersecurity Policy Organization, Format, and Styles

   Chapter 4: Cybersecurity Framework

   Chapter 5: Governance and Risk Management

   Chapter 6: Asset Management and Data Loss Prevention

   Chapter 7: Human Resources Security

   Chapter 8: Physical and Environmental Security

   Chapter 9: Communications and Operations Security

   Chapter 10: Access Control Management

   Chapter 11: Information Systems Acquisition, Development, and Maintenance

   Chapter 12: Cybersecurity Incident Response

   Chapter 13: Business Continuity Management

   Chapter 14: Regulatory Compliance for Financial Institutions

   Chapter 15: Regulatory Compliance for the Health-Care Sector

   Chapter 16: PCI Compliance for Merchants

   Chapter 17: NIST Cybersecurity Framework

   Chapter 18: Appendix A: Cybersecurity Program Resources

Videos and How To

9. Practice Test

    Here's what you get

    Features

10. Post-Assessment

1. Course Objective

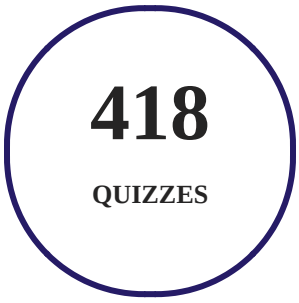
Use Developing Cybersecurity Programs and Policies course to learn cybersecurity online. This cybersecurity training course covers all the concepts such as cybersecurity frameworks, governance, risk management, human resources security, physical and environmental security; PCI compliance for merchants, and many more. The course offers the best practices to define governance and policy; ensure its compliance, and collaborate to strengthen the whole organization.

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. Quizzes

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.



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: Introduction

Chapter 2: Understanding Cybersecurity Policy and Governance

- Information Security vs. Cybersecurity Policies
- Looking at Policy Through the Ages
- Cybersecurity Policy
- Cybersecurity Policy Life Cycle
- Summary

Chapter 3: Cybersecurity Policy Organization, Format, and Styles

- Policy Hierarchy
- Writing Style and Technique
- Policy Format
- Summary

Chapter 4: Cybersecurity Framework

- Confidentiality, Integrity, and Availability
- NIST's Cybersecurity Framework
- Summary

Chapter 5: Governance and Risk Management

- Understanding Cybersecurity Policies
- Cybersecurity Risk
- Summary

Chapter 6: Asset Management and Data Loss Prevention

- Information Assets and Systems
- Information Classification
- Labeling and Handling Standards

- Information Systems Inventory
- Understanding Data Loss Prevention Technologies
- Summary

Chapter 7: Human Resources Security

- The Employee Life Cycle
- The Importance of Employee Agreements
- The Importance of Security Education and Training
- Summary

Chapter 8: Physical and Environmental Security

- Understanding the Secure Facility Layered Defense Model
- Protecting Equipment
- Summary

Chapter 9: Communications and Operations Security

- Standard Operating Procedures
- Operational Change Control
- Malware Protection

- Data Replication
- Secure Messaging
- Activity Monitoring and Log Analysis
- Service Provider Oversight
- Threat Intelligence and Information Sharing
- Summary

Chapter 10: Access Control Management

- Access Control Fundamentals
- Infrastructure Access Controls
- User Access Controls
- Summary

Chapter 11: Information Systems Acquisition, Development, and Maintenance

- System Security Requirements
- Secure Code
- Cryptography
- Summary

Chapter 12: Cybersecurity Incident Response

- Incident Response
- What Happened? Investigation and Evidence Handling
- Data Breach Notification Requirements
- Summary

Chapter 13: Business Continuity Management

- Emergency Preparedness
- Business Continuity Risk Management
- The Business Continuity Plan
- Plan Testing and Maintenance
- Summary

Chapter 14: Regulatory Compliance for Financial Institutions

- The Gramm-Leach-Bliley Act
- New York's Department of Financial Services Cybersecurity Regulation (23 NYCRR Part 500)
- What Is a Regulatory Examination?
- Personal and Corporate Identity Theft

- Summary

Chapter 15: Regulatory Compliance for the Health-Care Sector

- The HIPAA Security Rule
- The HITECH Act and the Omnibus Rule
- Understanding the HIPAA Compliance Enforcement Process
- Summary

Chapter 16: PCI Compliance for Merchants

- Protecting Cardholder Data
- PCI Compliance
- Summary

Chapter 17: NIST Cybersecurity Framework

- Introducing the NIST Cybersecurity Framework Components
- The Framework Core
- Framework Implementation Tiers ("Tiers")
- NIST's Recommended Steps to Establish or Improve a Cybersecurity Program
- NIST's Cybersecurity Framework Reference Tool

- Adopting the NIST Cybersecurity Framework in Real Life
- Summary

Chapter 18: Appendix A: Cybersecurity Program Resources

11. Practice Test

Here's what you get

100	100
PRE-ASSESSMENTS QUESTIONS	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. 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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