

uCertify

Course Outline

The OSINT Handbook



23 Apr 2026

1. Exercises, Quizzes, Flashcards & Glossary

Number of Questions

2. Expert Instructor-Led Training

3. ADA Compliant & JAWS Compatible Platform

4. State of the Art Educator Tools

5. Award Winning Learning Platform (LMS)

6. Chapter & Lessons

Syllabus

Chapter 1: Preface

Chapter 2: The Secrets Hiding in Plain Sight – Unveiling the Power of OSINT

Chapter 3: Invisible and Untouchable – The Importance of Anonymity in OSINT Analysis

Chapter 4: The OSINT Toolbox – Methods and Techniques for Gathering and Analyzing Information

Chapter 5: Exploring the Unknown – How Discovery Tools Reveal Hidden Information

Chapter 6: From Recon-ng to Trace Labs – A Tour of the Best Open Source Intelligence Tools

Chapter 7: The Eyes and Ears of Threat Intelligence – How OSINT Helps Mitigate Cyber Risks

Chapter 8: Protecting Your Identity and Organization from Cyber Threats

Videos and How To

7. Live labs

Lab Tasks

Here's what you get

1.  Exercises

There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding.

31
EXERCISES

2. 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.

138
QUIZ

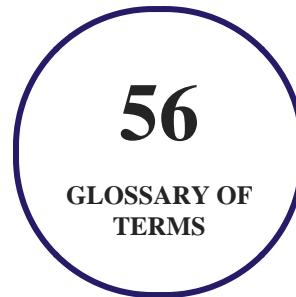
3. flashcards

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.

56
FLASHCARDS

4. 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.



5. 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.

6. 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.

7. 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.

8. 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

9. 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

- Who this course is for
- What this course covers
- Conventions used

Chapter 2: The Secrets Hiding in Plain Sight – Unveiling the Power of OSINT

- Introduction to OSINT
- Passive and active OSINT
- Why OSINT matters in the digital age
- The OSINT framework
- Getting started with OSINT and some best practices
- Summary

Chapter 3: Invisible and Untouchable – The Importance of Anonymity in OSINT Analysis

- Introduction to anonymity and privacy in OSINT
- Protecting your digital footprint

- Staying ahead of cyber threats in OSINT
- Summary

Chapter 4: The OSINT Toolbox – Methods and Techniques for Gathering and Analyzing Information

- Introduction to OSINT methods and techniques
- Searching and browsing the surface web
- Utilizing specialized search engines and directories
- Exploring social media for OSINT (SOCMINT)
- Understanding hidden sources
- Automating OSINT collection and analysis
- Summary

Chapter 5: Exploring the Unknown – How Discovery Tools Reveal Hidden Information

- Introduction to discovery tools
- Domain and IP address analysis
- Website reconnaissance – Mastering the unseen layers
- Document and metadata analysis
- OSINT data visualization

- Best practices for using discovery tools
- Summary

Chapter 6: From Recon-ng to Trace Labs – A Tour of the Best Open Source Intelligence Tools

- Recon-ng – A powerful OSINT framework
- Maltego – Visualizing OSINT data and connections
- Shodan – The search engine for IoT
- Trace Labs – A powerful OS designed just for OSINT
- Overview of the Aircrack-ng suite
- Additional open source OSINT tools
- Keeping up with the open source OSINT landscape
- Summary

Chapter 7: The Eyes and Ears of Threat Intelligence – How OSINT Helps Mitigate Cyber Risks

- Introduction to threat intelligence and OSINT
- Cyber threats and OSINT
- Cyber threat intelligence platforms and OSINT integration
- Building an OSINT-driven cyber threat intelligence program

- Case study: OSINT in a real-world cybersecurity incident
- Summary

Chapter 8: Protecting Your Identity and Organization from Cyber Threats

- Understanding the role of OSINT in protecting your identity and organization
- Personal digital hygiene and OSINT
- Assessing and strengthening organizational security with OSINT
- Identifying and responding to cyber threats such as ransomware
- Investigating cyber incidents and breaches
- Summary

10. Live Labs

The benefits of live-labs are:

- Exam based practical tasks
- Real equipment, absolutely no simulations
- Access to the latest industry technologies
- Available anytime, anywhere on any device
- Break and Reset functionality
- No hardware costs

Lab Tasks

The Secrets Hiding in Plain Sight – Unveiling the Power of OSINT

- Gathering Basic OSINT from a Website

Invisible and Untouchable – The Importance of Anonymity in OSINT Analysis

- Using and Checking GHDB

The OSINT Toolbox – Methods and Techniques for Gathering and Analyzing Information

- Scraping and Parsing Web Data
- Using theHarvester for Data Collection

Exploring the Unknown – How Discovery Tools Reveal Hidden Information

- Performing DNS Enumeration

From Recon-ng to Trace Labs – A Tour of the Best Open Source Intelligence Tools

- Using Recon-ng for Data Harvesting
- Infrastructure Footprinting a Website
- Using Shodan
- Performing Automation Using SpiderFoot

Here's what you get

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LIVE LABS

9

VIDEO TUTORIALS

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MINUTES

You can't stay away! Get



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