REVERSE ENGINEERING CERTIFICATION

As per International Standards

UNICHRONE

Unichrone Training Advantages

✔ 1 Day Interactive Instructor-led Online/Classroom or Group Training

✔ Course study materials designed by subject matter experts

✔ Mock Tests to prepare in a best way

✔ Highly qualified, expert & accredited trainers with vast experience

✔ Enrich with Industry best practices and case studies and present trends

✔ Reverse Engineering Training Course adhered with International Standards

✔ End-to-end support via phone, mail, and chat

✔ Convenient Weekday/weekend Reverse Engineering Training Course schedule

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About Unichrone

✓ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.

Guaranteed Quality

Handpicked Trainers

Global Presence

Online Training Option

We've trained professionals across global companies

PHILIPS

AXCESS
FINACIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

baycoat

DU PONT

DASHTI

GlobalSign

TriskeleLabs

مصرف الراجحي
Al Rajhi Bank

DHL

ARASCO أراسكو

EMERSON

accenture

VOLVO

AMA
AMERICAN MEDICAL ASSOCIATION

sitel group

Signify

Atos

LEAR CORPORATION

Importance of Reverse Engineering Training

✓ Reverse Engineering Certification validates an individual's proficiency in analyzing systems or products to understand their design, functionality, and underlying principles. This credential demonstrates competence in disassembly, code analysis, and system reconstruction. Professionals certified with this possess a recognized skill set in uncovering hidden functionalities, identifying vulnerabilities, and creating interoperable solutions. Reverse Engineers often work in fields such as cybersecurity, software development, and product design, contributing to areas like vulnerability research, malware analysis, and competitive intelligence. Attaining this certification signifies a commitment to professional development and enhances career prospects within technical domains requiring in-depth analytical skills.

✓ This Reverse Engineering Training offers a thorough understanding of the procedures for disassembling and examining hardware and software. It provides a comprehensive grasp of reverse engineering. This allows professionals to proactively find weaknesses, examine harmful code, and strengthen systems against possible cyberattacks. Training participants receive techniques for deciphering and rebuilding proprietary protocols and algorithms. They get knowledge about how to improve cybersecurity safeguards by utilizing Reverse Engineering techniques.

ELIGIBILITY CRITERIA

✓ Aspirants need not meet any requirements to pursue Reverse Engineering Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

✓ Any individual who wants to gain skills in Reverse Engineering can enroll in the Reverse Engineering Training course.

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REVERSE ENGINEERING CERTIFICATION
ADVANTAGES

CERTIFIES YOUR TALENT

HELPS BUILDING VALUES

GLOBAL RECOGNITION

PERFECT EXECUTION

BUILDS CUSTOMER LOYALTY

MORE EMPLOYABILITY OPTIONS

Syllabus of Reverse Engineering Training

Lesson 01 – Introduction to Reverse Engineering
1. Define Reverse Engineering
2. Reversing Applications
3. Low-Level Software
4. Reversing Process
5. System Monitoring Tools

Lesson 2 – Low-Level Software
1. High-Level Perspectives
2. Low-Level Perspectives
3. Assemble Language 101

Syllabus of Reverse Engineering Training

Lesson 03 – Windows Fundamentals

1.	Components and Basic Architecture
2.	Memory Management
3.	Objects and Handles
4.	Processes and Threads
5.	Application Programming Interfaces
6.	Executable Formats
7.	Input and Output

Lesson 04 – Exploring Reversing Tools

1.	Reversing Approaches
2.	Disassemblers, Debuggers, and Decompilers
3.	System Monitoring and Patching Tools

Syllabus of Reverse Engineering Training

Lesson 05 – Deciphering File Formats
1. Reversing and Interoperability
2. Using and Reversing Cryptex
3. Password Verification Process
4. Directory Layout
5. File Extraction Process

Lesson 06 – Auditing Program Binaries and Reversing Malware
1. Defining the Problem and Vulnerabilities
2. Malware Types
3. Future Malware
4. Malware Uses and Vulnerability
5. Polymorphism and Metamorphism

Syllabus of Reverse Engineering Training

Lesson 07 – Piracy and Copy Protection
1. Software Piracy
2. Protection Types
3. Digital Rights Management
4. Watermarking

Lesson 08 – Antireversing Techniques
1. Antireversing Approaches
2. Active Antidebugger Techniques
3. Confusing Disassemblers
4. Control Flow Transformations
5. Data Transformations

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Syllabus of Reverse Engineering Training

Lesson 09 – Introduction to Reversing .NET
1. Basics of .NET
2. Intermediate Language (IL)
3. Decompilers and Obfuscators
4. Reversing Obfuscated Code

Lesson 10 – Overview of Decompilation
1. Decompiler Architecture
2. Intermediate Representation
3. Front End and Code Analysis

Exam Format of Reverse Engineering Certification

Examination Format	
Exam Name	**Reverse Engineering Exam**
Exam Format	Multiple Choice
Total Questions & Duration	30 Questions, 1 Hour
Passing Score	Minimum passing score of 70%
Exam Cost	Included in training fee

To get you fully prepared with the knowledge and skills for Reverse Engineering, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the Reverse Engineering exam.

Contact Us

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