

INTRODUCTION TO UNIT TESTING CERTIFICATION

As per International Standards



UNICHROME

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
- ✓ Introduction to Unit Testing Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Introduction to Unit Testing Training Course schedule



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
FINANCIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

baycoat

DUPONT

DASHTI

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ARASCO
أراسكو

Importance of Introduction to Unit Testing Training

- ✓ Unit Testing is a software testing technique to affirm that each unit or component functions as anticipated. These are automated tests written and executed by developers. Therefore, developers must possess competence in writing, executing, and maintaining Unit Tests which are validated by a Unit Testing Certification. This boosts the coding skills for creating quality-improved software. This attestation not only reflects the capability of individuals to enhance the code quality but also the skills required to identify the root cause of an issue leading to improved debugging.
- ✓ Unit Testing Training will ensure that participants leave with requisite knowledge when it comes to software development. It will enable candidates to understand Unit Testing concepts, approaches, practices, and so on. It includes coverage of such issues as TDD, Unit Testing frameworks, code coverage, mocking/stubbing, and other issues related to the building of effective tests. At the end, participants will be able to write efficient and easy-to-maintain Unit Tests that enhance quality of code and speed up the development process.

ELIGIBILITY CRITERIA

- ✓ Aspirants need not meet any requirements to pursue Introduction to Unit Testing Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills to understand Unit Testing can enroll in the Introduction to Unit Testing Training course.

Introduction to Unit Testing CERTIFICATION ADVANTAGES



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of Introduction to Unit Testing Training

Lesson 01 – Getting Started with Unit Testing

1.	Introduction to Unit Testing
2.	Properties of Good Unit Test
3.	Integration Tests
4.	LogAn Project
5.	Basics of NUnit

Lesson 02 – Unit Testing Core Techniques

1.	Stubs
2.	Identify File System Dependency in LogAn
3.	Testing LogAnalyzer
4.	Refactoring Design to be More Testable
5.	Variations in Refactoring Techniques
6.	Overcoming Encapsulation Problem
7.	Isolation Frameworks

Syllabus of Introduction to Unit Testing Training

Lesson 03 – Test Code

1.	Automated Build Run Automated Tests
2.	Mapping Out Tests Based on Speed and Type
3.	Mapping Test Classes to Code Under Test
4.	Building Test API for Application
5.	Writing Trustworthy Tests
6.	Writing Maintainable Tests
7.	Writing Readable Tests

Lesson 04 – Design and Process

1.	Steps to Be an Agent of Change
2.	Ways to Succeed and Fail
3.	Choosing Selection Strategy
4.	Adding Tests
5.	Writing Integration Tests Before Refactoring
6.	Tools for Legacy Code Unit Testing

Exam Format of Introduction to Unit Testing Certification

Examination Format	
Exam Name	Introduction to Unit Testing 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 Introduction to Unit Testing, 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 Introduction to Unit Testing exam.

Contact Us

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<https://unichrone.com/>

