

RELIABILITY ENGINEERING 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
- ✓ Reliability Engineering Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Reliability Engineering 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

GlobalSign

TriskeleLabs

مصرف الراجحي
Al Rajhi Bank

DHL

ARASCO
أراسكو



EMERSON

accenture

VOLVO

AMA
AMERICAN MEDICAL
ASSOCIATION

sitel
group

@ignify

Atos

LEAR
CORPORATION

Importance of Reliability Engineering Training

- ✓ Reliability Engineering Certification equips professionals with the skills to ensure systems operate effectively and consistently, which helps the business achieve its objectives. It implies knowledge of one's ability to pursue reliability principles towards enhancing product or system performance, lowering downtimes, and/or boosting efficiency. The certificate increases their competitiveness in the job market by demonstrating their dedication to ongoing professional growth. It offers new work opportunities and commands higher salaries.
- ✓ Reliability Engineering Training provides participants with an understanding of subject knowledge required to become good practitioners. The areas covered in curriculum include reliability fundamentals, statistical methods for reliability, Failure Modes and Effects Analysis (FMEA), as well as risk analysis methods. All of these concepts will be reinforced in practical demonstrations as to how they can be applied in instances where participants are able to address likely areas of failure, anticipate how system will behave, and carry out pre-emptive repair and maintenance work.

ELIGIBILITY CRITERIA

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

WHO SHOULD ATTEND

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

RELIABILITY ENGINEERING CERTIFICATION ADVANTAGES



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of Reliability Engineering Training

Lesson 01 – Getting Started with Reliability Engineering

1.	Introduction to Reliability Engineering
2.	Application and Benefits
3.	Basic Concepts

Lesson 02 – Reliability Analysis During the Design Phase

1.	Predicted Reliability of Equipment and Systems with Simple Structure
2.	Reliability of Systems with Complex Structure

Syllabus of Reliability Engineering Training

Lesson 03 – Qualification Tests for Components and Assemblies

1.	Selection Criteria for Electronic Components
2.	Tests for Complex Electronic Components
3.	Qualification Tests for Electronic Assemblies

Lesson 04 – Introduction to Maintainability Analysis

1.	Maintainability and Availability
2.	Maintainability Aspects of Design Reviews
3.	Predicted Maintainability
4.	Models for Spare Part Provisioning
5.	Maintenance Strategies

Syllabus of Reliability Engineering Training

Lesson 05 – Design Guidelines

1.	Design Guidelines for Reliability
2.	Design Guidelines for Maintainability
3.	Design Guidelines for Software Quality

Lesson 06 – Statistical Quality Control and Reliability Tests

1.	Statistical Quality Control
2.	Statistical Reliability and Maintainability Tests
3.	Accelerated Testing

Syllabus of Reliability Engineering Training

Lesson 07 – Quality and Reliability Assurance

- | | |
|----|--|
| 1. | Basic Activities |
| 2. | Testing and Screening of Electronic Components |
| 3. | Test and Screening Strategies |

Exam Format of Reliability Engineering Certification

Examination Format	
Exam Name	Reliability 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 Reliability 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 Reliability Engineering exam.

Contact Us

support@unichrone.com



<https://unichrone.com/>

