

SYSTEMS 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
- ✓ Systems Engineering Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Systems 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
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Importance of Systems Engineering Training

- ✓ Systems Engineering Certification is instrumental in enabling professionals to excel in administering complex systems across diverse industries. It renders a deep understanding of System Engineering Discipline. Thereby, it emphasizes methodologies, tools, and best practices in designing and operating integrated systems throughout their life cycles. Moreover, this is distinguished by its coverage of the Systems Engineering process from initial definition requirements to system design, development, testing, and deployment. Furthermore, this attestation ensures the knowledge of essential concepts like system thinking and integration strategies.
- ✓ Systems Engineering Training equips candidates with a comprehensive skill set crucial for successful system development. Core competencies of Systems Engineering Course include a deep understanding of systems thinking principles, enabling ability to analyze complex problems holistically. Candidates learn to effectively define and manage system requirements, ensuring that all stakeholders' needs are met. Rigorous training in design and development methodologies equips individuals with the ability to create robust and efficient system architectures. Furthermore, training emphasizes critical thinking and problem-solving skills, enabling candidates to identify and mitigate risks proactively.

ELIGIBILITY CRITERIA

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

WHO SHOULD ATTEND

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

SYSTEMS ENGINEERING CERTIFICATION ADVANTAGES



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of Systems Engineering Training

Lesson 01 – Introduction to System Engineering

1.	Introduction to Systems
2.	Types of Systems
3.	Systems Engineering
4.	Examples of Systems Requiring Systems Engineering
5.	Systems Engineering as a Profession
6.	Systems Engineer Career Development Model
7.	Power of Systems Engineering

Lesson 2 – Systems Engineering Landscape

1.	Viewpoint
2.	Perspectives of Systems Engineering
3.	Systems Domains
4.	Systems Engineering Fields
5.	Systems Engineering Approaches
6.	Systems Engineering Activities and Products

Syllabus of Systems Engineering Training

Lesson 03 – Structure of Complex Systems

1.	System Building Blocks and Interface
2.	Hierarchy of Complex Systems
3.	System Environment
4.	Interactions

Lesson 04 – Holistic Requirements Model (HRM)

1.	What is HRM and What Does It Do?
2.	Where and When to Use It?
3.	How to Do It?

Syllabus of Systems Engineering Training

Lesson 05 – Engineering Design

1.	Implementing the System Building Blocks
2.	Requirements Analysis
3.	Functional Analysis and Design
4.	Component Design
5.	Design Validation
6.	CM

Lesson 06 – System Concepts Formulation and Development

1.	Conceptualization of System Operations
2.	System Operational Model
3.	Formulating and Developing the System Concept

Syllabus of Systems Engineering Training

Lesson 07 – System Development Strategies

1.	System Development Workflow Strategy
2.	System Design Strategy

Lesson 08 – System Verification and Validation (V&V) Strategies

1.	System Practices
2.	System Verification
3.	System Validation
4.	Applying V and V to System Development Workflow Processes
5.	Independent Verification and Validation

Exam Format of Systems Engineering Certification

Examination Format	
Exam Name	Systems 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 Systems 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 Systems Engineering exam.

Contact Us

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<https://unichrone.com/>

