DESIGN THINKING FOR R&D ENGINEERS 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
- Design Thinking for R&D Engineers Training Course adhered with International Standards
- End-to-end support via phone, mail, and chat
- Convenient Weekday/weekend Design Thinking for R&D Engineers 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 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
Signify
Atos
LEAR CORPORATION

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Importance of Design Thinking for R&D Engineers Training

- Design Thinking for R&D Engineers Certification teaches engineers to approach the process of solving problems for new product development from a human perspective. Certification demonstrates how certified professionals can be effective at fundamental stages of the design thinking process, including understanding the users better, defining the ideas, prototyping and testing, and refining the designs. Obtaining Design Thinking for R&D Engineers Certification enables professionals to work effectively with other teams, thus promoting creativity and organizational growth.

- Design Thinking for R&D Engineers Training offers a thorough introduction to the design thinking framework, specifically tailored for R&D professionals. It provides information on a range of metrics for gauging technical and product performance. This enhances creativity and problem-solving skills through Design Thinking. The program covers critical skills such as user research, empathy mapping, rapid prototyping, and testing. Participants gain knowledge in collaborative problem-solving and learn techniques for transforming user insights into creative, practical solutions.

ELIGIBILITY CRITERIA

- Aspirants need not meet any requirements to pursue Design Thinking for R&D Engineers Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

- Any individual who wants to gain skills in this domain can enroll in the Design Thinking for R&D Engineers Training course.

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DESIGN THINKING FOR R&D ENGINEERS CERTIFICATION ADVANTAGES

Syllabus of Design Thinking for R&D Engineers Training

Lesson 01 – Introduction to Design Thinking	
1.	What is Design Thinking?
2.	Design Thinking Process
3.	How Do Design Thinking, Lean, and Agile Work Together?
4.	Benefits of Design Thinking at Work
5.	Design Thinking Methodology
6.	What is the Relationship Between Design Thinking and UX Design?

Lesson 02 – R&D Engineer	
1.	What is an R&D Engineer?
2.	What Does an R&D Engineer Do?
3.	How to Become an R&D Engineer?
4.	Skills to Become an R&D Engineer
5.	Design Thinking Methodology

Syllabus of Design Thinking for R&D Engineers Training

Lesson 03 – Importance of R&D in Design Thinking	
1.	Do Focus Groups Still Hold Value?
2.	So How Do We Conduct Focus Groups?

Lesson 04 – Key Elements of Design Thinking Process	
1.	Process
2.	Empathy
3.	Team Work and Collaboration
4.	Un-Learn and Relearn
5.	Creative Confidence

Syllabus of Design Thinking for R&D Engineers Training

Lesson 05 – Start and End of R&D Projects	
1.	Phases
2.	Start
3.	End

Lesson 06 – R&D Design Sprint	
1.	Problem and Solution
2.	R&D Sprint
3.	Aftermath
4.	Epilogue

Syllabus of Design Thinking for R&D Engineers Training

Lesson 07 – Innovation in R&D: Design Thinking to Develop New Models	
1.	Overview
2.	New Perspectives from the Outside
3.	Collaborating Radically
4.	Sharing Knowledge
5.	Exploring Options and Ideas Early
6.	Incentivizing Change
7.	Creating a Common Goal

Lesson 08 – R&D Canvas: Design Thinking Tool for the Management of R&D Projects	
1.	Introduction
2.	Methodology
3.	Management of R&D Projects
4.	R&D Canvas During the Project Execution

Syllabus of Design Thinking for R&D Engineers Training

Lesson 09 – Solve Complex Problems Through Design	
1.	Deconstructionism
2.	Abduction and Synthesis
3.	Multiplicity
4.	Critique
5.	Empathy

Lesson 10 – Innovation Challenges in Design Thinking	
1.	Challenges to Innovation
2.	People Desirability
3.	Business Viability
4.	Technical Feasibility

Exam Format of Design Thinking for R&D Engineers Certification

Examination Format	
Exam Name	**Design Thinking for R&D Engineers 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 Design Thinking for R&D Engineers, 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 Design Thinking for R&D Engineers exam.

Contact Us

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