

DESIGN FOR SIX SIGMA 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
- ✓ End-to-end support via phone, mail, and chat
- ✓ Design For Six Sigma Training Course adhered with International Standards
- ✓ Convenient Weekday/Weekend Design For Six Sigma Certification Training Course schedule



Importance of Design For Six Sigma Certification

- ✓ Professionals who have earned a Design for Six Sigma Certification have an influence on promoting a culture of design, development, and research in their organizations. The Design for Six Sigma methodology is used to ensure that processes and product designs will satisfy customer needs and that a low-defect-level product or service is introduced from the start. Professionals with Design for Six Sigma Certification may minimize differences in the production of the final product. Additionally, they provide dependable, predictable procedures and enhance client satisfaction through consistent operations. Design for Six Sigma Certification holders stand out from the crowd and among their colleagues, making it simpler for employers to hire them.

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



ELIGIBILITY CRITERIA

- ✓ There are no eligibility criteria for taking Design For Six Sigma Certification. Professionals such as Product Managers, Project Managers, Quality Managers, Design Engineers, Six Sigma Black Belt/Green Belt, Product/Service Design Related Staff, Materials engineers, Designers, Managers, and Technicians can enroll in Design for Six Sigma Training.

Why attend **Design for Six Sigma Certification Training**?

- ✓ Design for Six Sigma Certification Training offered by Unichrone is conducted by highly qualified and accredited trainers. DFSS Certification Training helps candidates Learn to lead a Design for Six Sigma (DFSS) team through the define-measure-analyze-design-verify (DMADV) phases to produce tollgate deliverables using the proper tools. The training program allows trainees to gain knowledge of Six Sigma with new-process design principles. Additionally, they gain practical skills in designing a new process using Six Sigma principles to help ensure "waste" is identified and diminished in the initial process design.

Design for Six Sigma (DFSS) Certification **Advantages**



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of Design for Six Sigma Training

Lesson 01 – Introduction to DFSS

1.	Design for Six Sigma Introduction
2.	Closing the Gap
3.	Better Aim Through DFSS
4.	Improving Lifecycle Cost
5.	DFSS and DMAIC
6.	What is Design for Six Sigma?
7.	The Alphabet Soup of DFSS
8.	Process Phase-Gates
9.	Design Leverage
10.	How To Use This Course
11.	Keeping Track of Where You Are
12.	DFSS Achievements

Lesson 02 – Define

1.	Introduction
2.	Project Selection Toolset
3.	Project Charter Toolset
4.	Project Tracking Toolset
5.	Obtaining the Voice of The Customer
6.	Market Segmentation
7.	Understanding Customer Requirements
8.	Listening to All the Voices
9.	Where to Go For Customer Requirements
10.	Conducting Surveys
11.	Survey Considerations
12.	Surveys – Sampling Frame
13.	Structuring Survey Questions
14.	Affinity Diagram Toolset
15.	CTQC Tree Diagram Toolset
16.	Operational Definition Toolset
17.	Voice Of The Customer As Specifications
18.	Progress Review

Syllabus of Design for Six Sigma Training

Lesson 03 – Concept

1.	Introduction
2.	QFD Toolset
3.	Metrics
4.	The Core Principle of DFSS
5.	Process Capability Toolset
6.	Benchmarking
7.	Beyond Customer Requirements
8.	Brainstorming
9.	Encouraging The Creative Process
10.	Narrowing Down The List of Ideas
11.	Pugh Concept Selection Toolset
12.	Progress Review

Lesson 04 – Design

1.	Introduction
2.	Design Development
3.	Results By Design
4.	Design Scorecard
5.	Analyzing Designs
6.	More on QFD
7.	Correlation and Regression Analysis
8.	Multiple Regression Toolset
9.	Error-proofing
10.	FMEA Toolset
11.	Product and Process Reliability
12.	Basic Reliability Calculations
13.	Transfer Function Toolset
14.	Progress Review

Syllabus of Design for Six Sigma Training

Lesson 05 – Optimize

1.	Introduction
2.	Building a Process Model
3.	From Process Diagram to Process Model
4.	Predicting Process Performance With Simulation
5.	Process Playground - Online Discrete Event Simulation
6.	Monte Carlo Toolset
7.	Tolerance Design & Optimization Toolset
8.	Optimization
9.	Response Surface Methods
10.	Optimization with Response Surface Methods
11.	Continuous Flow Optimization Toolset
12.	Design For Lean - Supply Chain Dynamics
13.	QFD: Building The Fourth House
14.	Progress Review

Lesson 06 – Verify

1.	Introduction
2.	Other Aspects of Verification
3.	The Process Control Plan
4.	Testing a Design
5.	Achieving Reliability Through Testing
6.	Robust Design and Taguchi Methods
7.	Minimum Run Resolution V Designs Toolset
8.	Robustness Testing Practice
9.	Piloting a Design
10.	Launch
11.	Evolutionary Operation Toolset
12.	Ending a Project
13.	Progress Review

Format of Design for Six Sigma Exam

Examination Format	
Exam Name	Design for Six Sigma Exam
Exam Format	Multiple-choice and Scenario-based questions
Total Questions & Duration	30 Questions, 60 minutes
Passing Score	70%
Exam Cost	Included in Training fee

To get you fully prepared with the knowledge and skills for the Design for Six Sigma examination, 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 highly qualified faculty, the practice tests are a true simulation of the Design for Six Sigma Certification Exam.

Contact Us

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