Certified Lean Implementer (CLI)

GSDC's Certified Lean Implementer Certification is aimed at Continuous Improvement professionals who wish to learn how to improve processes by implementing Lean methods and tools.

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ABOUT CERTIFICATION

Lean Implementer certification module includes the sheer knowledge of the application of the most important Lean principles, methods, and tools in the field. The Lean Implementer is basically the initiator of Lean improvement processes and Lean implementation. The person should be a professional whose objective is to develop the perfect process and inspire those involved to do better on a daily basis. Through the Certified Lean Implementer Certification, you'll infuse the knowledge of practical lean applications with a touch of change management.

OBJECTIVES

Certified Lean Implementer certification shares a deep understanding of:

1. Injecting the knowledge of applying Lean methods and tools
2. Emphasizing on how it works in practice
3. Three hours of personal coaching by Lean Expert
4. Follows ISO18404 defined competencies for Lean Practitioner
5. Empowering participants with an excellent command of the Lean methods and tools
6. Familiarity with Lean principles and inspiration to participate in the improvement process

Our Accreditation:

The Global Skill Development Council (GSDC) is the leading third-party, Vendor neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member.
The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

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COURSE SYLLABUS

1.Lean Principles:
- Lean Principles
- Lean Thinking Deployment
- Waste Identification and Elimination
- Selection of Product Families and Value Streams
- Organising Operations to meet the Customer Demand Rate
- Use of Buffer and Safety Resources or Stock
- Finish Goods Supermarket Strategy
- Organizing the Workspace for Better Productivity (5S)
- The Relationship between Quality and Turnaround Time
- The Lean Quality Approach
- Making Processes Flow
- Implementing Continuous Flow
- Balancing Work and Work Area Re-Design
- Maximising Use of Equipment Results in Overproduction
- The Benefits of Pull Versus Push System
- FIFO Processing
- Fixed Length Pipes
- Surfacing Issues
- Reducing Setup Times
- Interruptions
- Signaling Systems
- Immediate Feedback
- Planned Flexing
- Setup Time Reduction
- Why Level Demand
- How to Level the Mix and Supply Intake
- Establishing an Interval (EPEI)
- The Use of Visual Management and Why Use Immediate Feedback
- Organising for Rapid Projects

2.Lean Tools:
- Value Stream Mapping
- CEDAC - Cause and Effect Diagram with Action Cards
- Standard Work
- Spaghetti Diagrams
- Work cells design
- Lean resourcing
- Mistake proofing
- Mistake proofing
- 5S
- Visual management
- TPM - Total Productive Maintenance
- SMED - Single Minute Exchange of Dies

3.Practical Value Stream Mapping:
- Introduction to Organisational Value, Waste, Value adding and non-value adding activities
- Application of Value Stream Mapping in Waste Identification and Lean Implementation
- Overview of Value Stream Mapping Principles and Methodology
- Mapping tools and symbols
- Value stream mapping - Current State
- Hands-on Mapping Session
- Analysing the Current State
- Value Stream Mapping - Future State
- Hands-on Mapping Session
- Achieving the Future State
- Using Value Stream Maps to Identify Lean Improvement Projects
- Prioritising and Selecting Lean Projects
- Developing a Lean Roadmap

4.Change Management:
- Facilitating change
- Change Management toolkit
- Six Sigma - complementing Lean
- Lean Action Workout
- Implementing a Lean measurement system
- Kaizen & continuous improvement

GSDC Technical Advisory Board :

The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Our Future Information

Target Audience

- Lean Project Team Members
- Change Agents
- Change manager
- Quality management professionals
- Quality manager

Pre-requisites

There are no prerequisites as such for Certified Lean Implementer certification.

Find out more online at
www.gsdcouncil.org