



Mastering Lean Manufacturing: Process Control Systems and Automation



Mastering Lean Manufacturing: Process Control Systems and Automation

Lean Manufacturing: Embrace Efficiency and Excellence Overview:

Welcome to 'Lean Manufacturing: Embrace Efficiency and Excellence', a transformative journey towards streamlined production and optimized resources. This course integrates important aspects like process and procedure design, business process analysis, and process engineering. In the rapidly evolving industrial landscape, a deep understanding of process control systems is imperative. This course will provide you with practical knowledge about business process redesign and training in process measurement to help your organization achieve operational excellence. Additionally, we touch upon robotic process automation courses to help you understand how technology can complement lean manufacturing processes.

Target Audience:

- Production managers
- Process engineers
- Quality control officers
- Operational heads
- Professionals interested in business process management training

Targeted Organizational Departments:

- Production
- Quality Control
- Operations
- Process Engineering



Targeted Industries:

- Automotive
- Food processing
- Pharmaceuticals
- Electronics manufacturing

Course Offerings:

- Understanding of process measurement
- Skills in process mapping
- Proficiency in business process redesign
- Control of various process control systems
- Business process reengineering certification
- Opportunity to learn robotic process automation

Training Methodology:

Our course deploys a blend of theoretical teaching, case studies, group work, interactive sessions, and hands-on exposure to process control systems. You will understand the importance of process and procedure, get insights into business process analysis, and take part in business process management training. Feedback sessions based on process engineering courses and robotic process automation courses will be a part of the daily routine.

Course Toolbox:

- Workbooks on process measurement, process mapping, business process modeling definition, and business process redesign
- Online resources for business process training
- Software for business process analysis and robotic process automation

Course Agenda:

Day 1: Foundations of Lean Manufacturing and Finance Principles

- Topic 1: What is Lean Manufacturing?
- Topic 2: Finance 101 by Taiichi: An Overview
- Topic 3: Reflection on the Forgotten M's in Manufacturing
- Reflection & Review: Understanding the Basics of Lean Manufacturing and Finance

Day 2: Standards, Flow and Automation

- Topic 1: No Standards, No Kaizen: Importance of Standards in Lean Manufacturing
- Topic 2: Standard Work in Lean Manufacturing
- Topic 3: Why Flow Counter Clockwise? An Analysis
- Reflection & Review: Focus on Standards and Flow in Lean Manufacturing

Day 3: Automation, Planning, and Quick Adjustments

- Topic 1: Jidoka - The Forgotten Pillar of Lean Manufacturing
- Topic 2: Heijunka in the Front Office and Its Importance • Topic 3: Why Heijunka? - Parts 1 & 2
- Topic 4: Single Minute Exchange of Dies SMED: An Introduction • Reflection & Review: Understanding Automation, Heijunka, and SMED in Lean Manufacturing

Day 4: Operational Efficiency, Training Course Categories

- Topic 1: OEE – Not Just for TPM Programs!



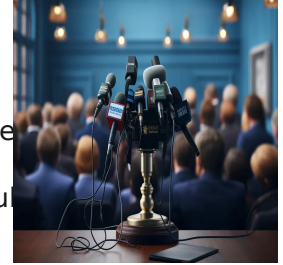
Finance and Accounting Training Courses



Agile PM and Project Management Training Courses



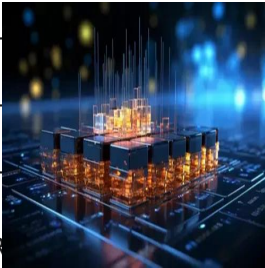
Certified Courses By International Bodies



Communication and Public Relations Training Courses

Day 5: Kaizen Rules, Reflection, and Reality

- Topic 1: Kaizen Rules: 5-10



Data Analytics Training and Data Science Courses



Environment & Sustainability Training Courses



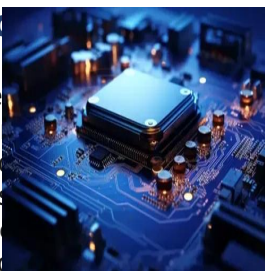
Governance, Risk and Compliance Training Courses



Human Resources Training and Development Courses

How This Course is Different from Other Lean Manufacturing

- 'Lean' is not just a buzzword, it's a philosophy that embraces technology, data analysis, and continuous improvement. It's about designing a practical and powerful system that integrates the use of process control systems, process measurement, and process mapping.
- This course is not just a theoretical exercise, it's a hands-on, practical, and holistic experience. It's about learning from real-world examples and applying them to your own organization.
- This course is not just a one-time event, it's a continuous process. It's about learning from real-world examples and applying them to your own organization.
- This course is not just a one-time event, it's a continuous process. It's about learning from real-world examples and applying them to your own organization.



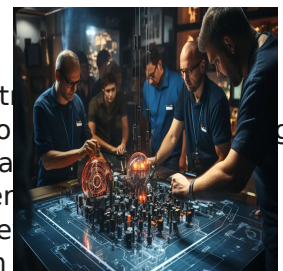
IT Security Training & IT Training Courses



Leadership and Management Training Courses



Legal Training, Procurement and Contracting Courses



Maintenance Training and Engineering Training Courses



Training Course Categories



Marketing, Customer Relations, and Sales Courses



Occupational Health, Safety and Security Training Courses



Oil & Gas Training and Other Technical Courses



Personal & Self-Development Training Courses

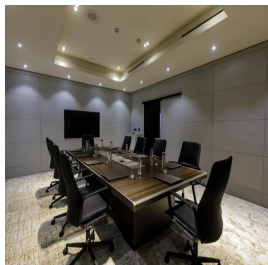


Quality and Operations Management Training Courses



Secretarial and Administration Training Courses

Training Cities



Accra - Ghana



Amman - Jordan



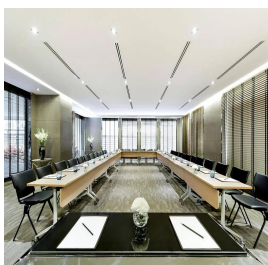
Amsterdam - Netherlands



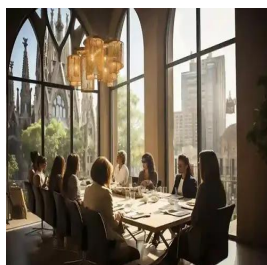
Baku - Azerbaijan



Bali - Indonesia



Bangkok - Thailand



Barcelona - Spain



Cairo - Egypt



Cape town - South Africa



Casablanca - Morocco



Doha - Qatar



Dubai - UAE



Geneva - Switzerland



Istanbul - Turkey



Jakarta - Indonesia



Johannesburg - South Africa

Training Cities



Kuala Lumpur - Malaysia



Langkawi - Malaysia



London - UK



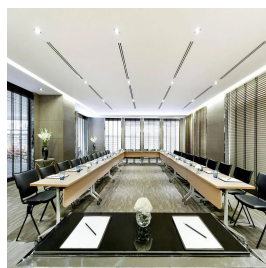
Madrid - Spain



Manama - Bahrain



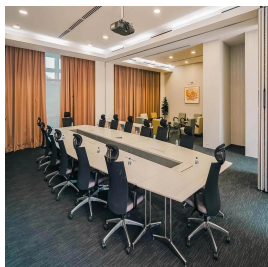
Milan - Italy



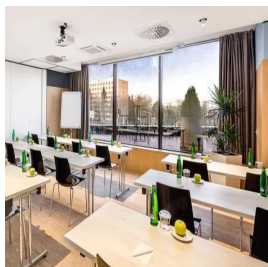
Nairobi - Kenya



Paris - France



Phuket - Thailand



Prague - Czech Republic



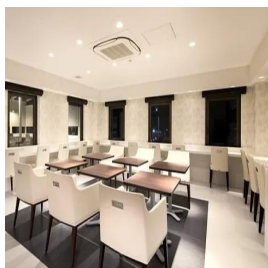
Rome - Italy



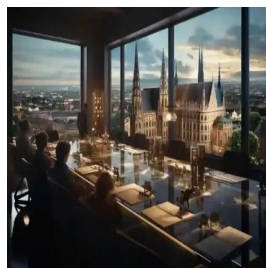
Sharm El-Sheikh - Egypt



Tbilisi - Georgia



Tokyo - Japan



Vienna - Austria



Zanzibar - Tanzania



AGILE LEADERS
Training Center

Training Cities



**Zoom - Online
Training**

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



AGILE LEADERS
Training Center

CONTACT US

 UAE, Dubai Investment Park First

 +971585964727
+447700176600

 sales@agile4training.com