Strategic Leadership in Six Sigma

31 January – 11 February 2027
Amman (Jordan)



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Introduction

This course is designed for senior managers, team leaders, and Six Sigma practitioners who want to advance their leadership capabilities within complex process improvement initiatives. Participants will gain insights into strategic deployment of Six Sigma methodologies, change management, and leadership tools to drive measurable business results.

Course Objectives

By the end of the course, participants will be able to:

- Apply advanced leadership principles to guide Six Sigma projects effectively.
- Align Six Sigma initiatives with strategic business goals.
- Utilize data-driven decision-making to improve organizational performance.
- Facilitate high-performing teams and manage change in complex environments.
- Lead with influence, communication, and executive-level problem-solving skills.

Course Outline

Day 1: Introduction to Advanced Six Sigma Leadership

- Overview of Six Sigma and strategic leadership.
- Key roles and responsibilities of Six Sigma leaders.
- Understanding organizational culture and change dynamics.
- Leadership competencies for process improvement.
- Case studies of successful Six Sigma leadership.

Day 2: Strategic Deployment of Six Sigma

- Linking Six Sigma projects to corporate strategy.
- Identifying and prioritizing high-impact projects.
- Resource allocation and project portfolio management.
- Balancing short-term gains with long-term strategic goals.
- Communicating strategy to stakeholders.



Day 3: Advanced Process Improvement Techniques

- Lean Six Sigma integration for operational excellence.
- Advanced DMAIC tools for complex projects.
- Process mapping and value-stream analysis.
- Risk assessment and mitigation strategies.
- Leveraging data analytics for informed decisions.

Day 4: Change Management and Organizational Transformation

- Leading change in a Six Sigma environment.
- Overcoming resistance to process improvements.
- Engaging stakeholders and gaining buy-in.
- Developing change champions within teams.
- Measuring success and sustaining change.

Day 5: Leadership Communication and Influence

- Effective communication strategies for leaders.
- Influencing without authority.
- Storytelling with data to drive decision-making.
- Executive-level presentation skills.
- Negotiation and conflict resolution in Six Sigma projects.

Day 6: High-Performing Teams in Six Sigma

- Building and motivating cross-functional teams.
- Roles and dynamics in Six Sigma teams.
- Coaching and mentoring for peak performance.
- Collaborative problem-solving techniques.
- Monitoring team performance and accountability.

Day 7: Metrics and Performance Management

- Defining Key Performance Indicators KPIs for leadership.
- Using dashboards to monitor Six Sigma initiatives.
- Data-driven decision-making at the executive level.
- Benchmarking and best practices analysis.
- Continuous improvement through performance reviews.



Day 8: Risk and Project Portfolio Management

- Advanced risk management techniques in Six Sigma.
- Prioritizing projects with financial and strategic impact.
- Balancing resource constraints and project demand.
- Project governance and leadership oversight.
- Integrating lessons learned into organizational knowledge.

Day 9: Innovation and Problem-Solving

- Driving innovation through process improvement.
- Creative problem-solving frameworks.
- Root cause analysis for complex challenges.
- Design Thinking integration in Six Sigma.
- Scaling solutions across the organization.

Day 10: Executive Leadership Simulation & Wrap-Up

- Real-life case simulations for decision-making.
- Applying learned leadership strategies to complex projects.
- Evaluating outcomes and impact measurement.
- Action planning for future initiatives.
- Course review, Q&A, and certification guidance.

Why Attend this Course: Wins & Losses!

Wins Benefits of Attending:

- Gain advanced leadership skills tailored for Six Sigma projects.
- Learn to align process improvement initiatives with strategic business goals.
- Improve decision-making through data-driven methodologies.
- Build and motivate high-performing cross-functional teams.
- Enhance communication, negotiation, and influence at executive levels.
- Master Lean Six Sigma tools for operational excellence.
- Develop the ability to manage change and overcome organizational resistance.
- Access actionable strategies for innovation and continuous improvement.

Conclusion

This Advanced Six Sigma Leadership Training equips participants with the strategic, analytical, and leadership skills necessary to drive measurable results. Attending this course ensures leaders can manage complex projects, influence key stakeholders, and build high-performing teams. Don’t miss this opportunity to transform your leadership approach, achieve operational excellence, and create lasting business impact.

