Quality and Control Management: Mastering Best Practices

30 August – 3 September 2027
Edinburgh (UK)



Quality and Control Management: Mastering Best Practices

Ref: 321695_232959 **Date:** 30 August – 3 September 2027 **Location:** Edinburgh (UK) **Fees:** 5200 GBP

Why This Course

Ensuring consistent quality in processes, products, and services is essential for organizational success. This intensive 1-week program provides participants with the knowledge and practical skills to implement effective quality management systems, optimize processes, and drive continuous improvement. Attendees will gain hands-on experience with proven methodologies to enhance performance and foster a culture of excellence.

What You'll Learn and Practice

By attending this course, you will be able to:

- Understand core quality management concepts and their practical applications.
- Implement effective quality assurance and control processes.
- Apply statistical tools for process monitoring and improvement.
- Use continuous improvement methodologies such as Six Sigma, Lean, and Kaizen.
- Foster a quality-focused culture that drives organizational excellence.

The Program Flow

Day 1: Foundations of Quality Management

- Introduction to quality management concepts
- Evolution of quality management practices
- Quality management systems and standards
- Creating a quality-focused organizational culture

Day 2: Quality Assurance Techniques

- Principles of quality assurance
- Process mapping and analysis
- Risk assessment and management
- Document control and recordkeeping



Day 3: Quality Control Methods

- Statistical process control SPC fundamentals
- Control charts and their applications
- Acceptance sampling techniques
- Root cause analysis and problem-solving tools

Day 4: Continuous Improvement Methodologies

- Introduction to Six Sigma and DMAIC
- Lean principles and waste reduction
- Kaizen and continuous improvement culture
- Total Quality Management TQM concepts

Day 5: Implementing Quality Management

- Developing a quality management strategy
- Performance measurement and KPIs
- Supplier quality management
- Quality audits and reviews

Individual Impact

Participants will leave this program with:

- The ability to design and implement effective quality management systems.
- Skills to use statistical tools for process improvement and informed decision-making.
- Knowledge to lead continuous improvement initiatives successfully.
- Strategies to cultivate a culture of quality and drive organizational excellence.

Organizational Impact

Organizations will benefit from:

- Improved product and service quality across operations.
- Enhanced process efficiency and reduced defects or waste.
- A workforce equipped to lead continuous improvement initiatives.
- Stronger alignment with quality standards and regulatory requirements.



Training Methodology

- Interactive lectures combined with hands-on exercises
- Real-world case studies and scenario-based learning
- Group discussions and collaborative problem-solving
- Practical application of quality management tools and techniques

Beyond the Course

By the end of this 1-week program, participants will be ready to:

- Apply quality management principles to real-world organizational challenges.
- Use statistical and analytical tools to monitor and improve processes.
- Lead continuous improvement projects that enhance efficiency and performance.
- Establish and maintain a culture of quality throughout the organization.

