
Certified Quality Engineer (CQE) ASQ Refresher

Course Description

This 5-day ASQ Certified Quality Engineer (CQE) Refresher course is designed to prepare participants for success on the ASQ CQE certification exam while strengthening their ability to apply quality engineering principles in the workplace. The course covers the complete ASQ CQE Body of Knowledge (BoK), including quality management systems, product/process design, statistical methods, reliability, auditing, and risk management.

Through a blend of interactive lectures, case studies, group discussions, and practice questions, participants will reinforce their understanding of core concepts and develop problem-solving and analytical skills for real-world application. The course also provides test-taking strategies to improve exam performance and confidence.

Course Objectives

Review the ASQ CQE Body of Knowledge:

- Quality management and leadership principles.
- Statistical methods and data analysis.

Strengthen technical and analytical skills:

- Design and analyze experiments.
- Apply reliability engineering and risk management techniques.

Enhance quality system knowledge:

- Understand auditing, corrective actions, and process improvement tools.
- Apply quality engineering to design, production, and service processes.

Prepare for exam success:

- Solve sample questions and case studies aligned with the CQE BoK.
- Learn effective test-taking and time management strategies.

Apply CQE principles in the workplace:

- Drive continuous improvement.
- Reduce waste, defects, and costs while improving customer satisfaction.

Training Format

Day 1: Quality management systems, leadership, and strategic planning.

Day 2: Product and process design, and process control methods.

Day 3: Statistical analysis tools, hypothesis testing, and design of experiments.

Day 4: Reliability engineering, risk management, and auditing.

Day 5: Practice exams, review of key concepts, and test-taking strategies.