

CQE – Certified Quality Engineer

Authorized by the Israeli Society for Quality (ISQ)

Course context thoroughly covers the ASQ and ISQ bodies of knowledge

Certified Quality Engineer

The Certified Quality Engineer (CQE) is a professional who plans and analyzes products and processes, prepares and performs quality assurance and quality control programs, and initiates improvements at every level and in every field. He or she is familiar with a wide range of measuring and evaluation techniques, including statistical techniques.

The CQE Course offered a unique opportunity to developing the professional career of the Quality Engineer based on a wide theoretical background, besides rich practical experience. The course combines class sessions, real-world case studies (most on them are presented by the CQE trainees), and preparation for the CQE and ICQE certification exams, held by the American Society for Quality (ASQ) and the Israel Society for Quality (ISQ), correspondingly.

Golas

- ❖ Training engineers from all fields and enriching their professional knowledge.
- ❖ Preparing the students for the external certification exams CQE and ICQE.

Who should attend this course

- ❖ Quality engineers, design engineers, system engineers, project managers, and professionals in design, production, logistics and service.
- ❖ Applicants for the external certification exams CQE and ICQE.

Prerequisites: At least 8 years of experience in one or more of the course subjects, including 3 years of decision-making position. An Academic degree is considered as relevant experience.

The course requires good knowledge of both Hebrew and English languages.

Body of Knowledge (summarized)

- ❖ Management and Leadership.
- ❖ Quality management systems.
- ❖ Product and process design (including reliability engineering).
- ❖ Product and Process Control.
- ❖ Continuous improvement methods and techniques.
- ❖ Quantitative Methods, including statistical techniques and statistical quality control (SQC).
- ❖ The human factor in quality and management.

Course Structure

Course total is 220 hours.

Part A: weekly evening sessions

Part B: full day sessions for the preparation for the external CQE and ICQE exams.

External certification exams

Registration to the external certification exams (CQE and ICQE) is done personally and not included in the course price. Massad College offer assistance in this process.