

## COURSE TITLE

# CERTIFIED QUALITY ENGINEER (CQE)

## OBJECTIVES

This course aims to equip participants with a complete set of tools and techniques for control and improvement of product quality, reliability and safety. It covers aspects pertaining to the implementation of an effective quality control system as well as experimental design for investigation and quality improvement. This course will also cover management planning, inspection and testing to achieve reliable, maintainable and safe products to customer specifications and requirements.



## Introduction

As a Certified Quality Engineer (CQE) you will have achieved a recognized mastery in the quality discipline. As a CQE, you will have the knowledge and skills required to improve the processes that drive customer satisfaction, which will improve the business performance of your organization

## WHO SHOULD ATTEND

Engineers or Managers and those participants who intend to acquire knowledge in Quality Assurance and Statistical methods to improve product quality, diagnose and solve various industrial quality problems for overall improvement of the Quality systems.

## ENTRY REQUIREMENT

Diploma with a few years of working experiences or a Degree along with at least one year of work experience in the quality field.

## Price

Member: S\$5,363.32

Non-Member: S\$5,933.09

\*All fees stated are inclusive of Registration & Exam. Fee and 9% GST

# 2026

Course Brochure

CERTIFIED  
COURSES:  
CERTIFIED  
QUALITY  
ENGINEER (CQE)

# COURSE CONTENTS

## Quality Practices and Applications

- Quality Systems
- Product, Process and Material Control
- Quality Audit
- Quality Improvement Tools: Cost of Quality, Continuous Improvement Tools
- Quality Planning and Management
- Supplier Management

## Statistical Principles and Applications – Six Sigma

- Statistical Quality Control
- Statistical Inference
- Correlation and Regression Analysis,
- Minitab & AI Application
- Statistical Process Control
- Design of Experiments

## Measurement Systems

- Metrology
- Repeatability & Reproducibility Studies, Destructive & Non-destructive Testing Concept

## Practical Reliability & Product Safety Applications

- Basic Reliability Concepts
- Product Design, Development and Production
- Maintainability
- Product Safety

## TRAINER

This course is conducted by Trainers who are experts in their domains of quality principles, systems & standards, statistical principles and applications, measurement systems, problem solving and improvement tools and techniques, reliability management and product safety applications.

## AWARD OF CERTIFICATE

Certificates will be issued upon successful completion of the written examination, which is typically held approximately four weeks after the conclusion of the course.

## DURATION

3 weekdays (Mon, Wed, Fri)  
7pm – 10pm  
5 months  
161 hours



## CONTACT

(+65) 6467 4226  
401 Macpherson Road #03-16/17  
Macpherson Mall  
Singapore 368125  
[enquiries@sqi.org.sg](mailto:enquiries@sqi.org.sg)  
[www.sqi.org.sg](http://www.sqi.org.sg)



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