

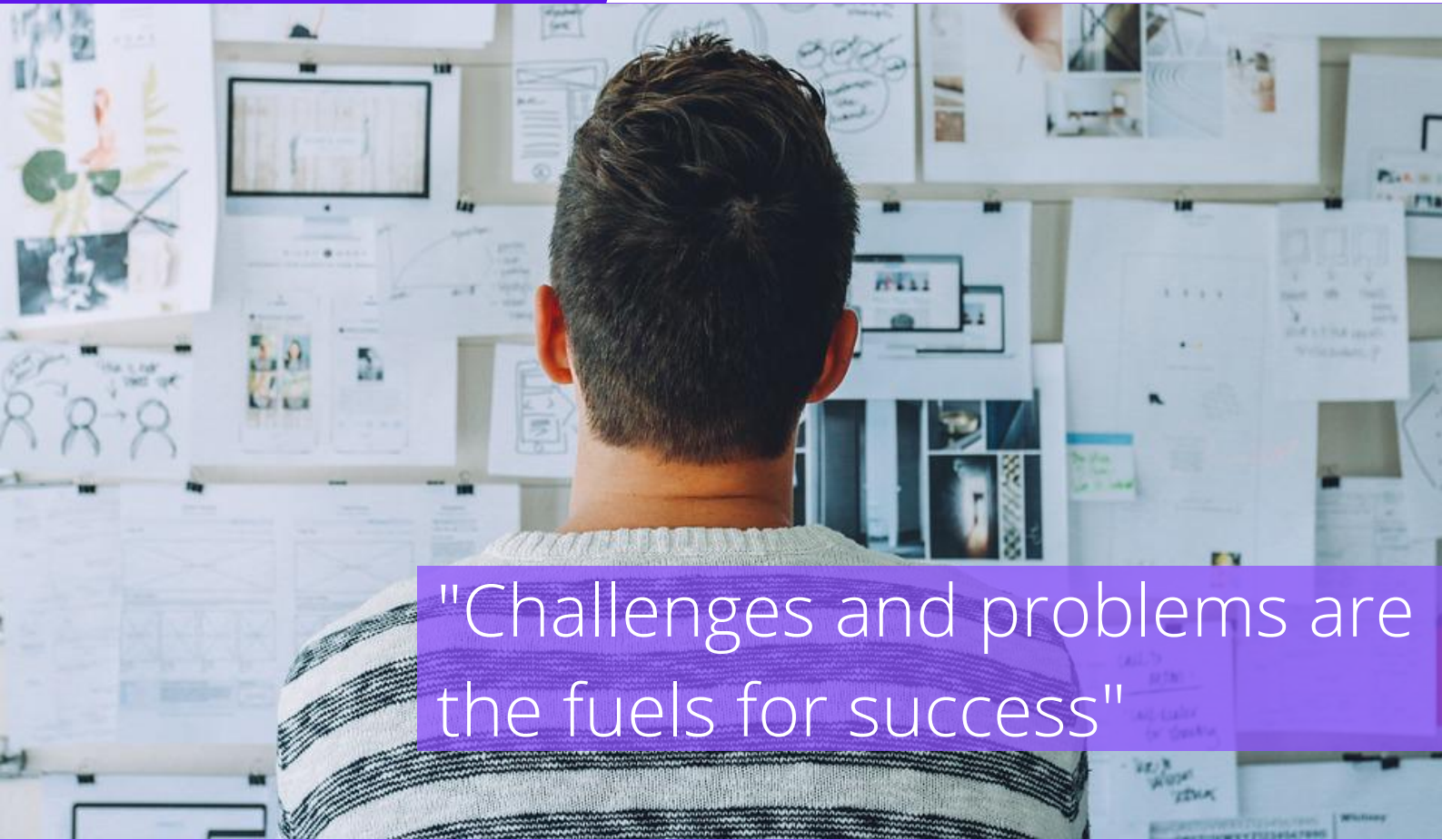
"Your pathway to
Quality Expert"



EXECUTIVE DEGREE IN QUALITY ENGINEERING *

Register now!

July Intake



"Challenges and problems are the fuels for success"

EXECUTIVE DEGREE IN QUALITY ENGINEERING

This Executive Degree program is specially designed to nurture Industrial Quality Experts at all aspects by equipping them with professional understanding on Quality Management Systems (QMS), Statistics Quality Analysis, DMAIC, Measurement System Analysis, Process Validation, and DoE. Through the highly practical and hands-on learning opportunities, we guarantee you to have the core competencies in all aspects of Quality Engineering, includes:



Quality Management Systems



Measurement System Analysis



Statistics Quality Analysis



Process Validation



DMAIC Problem Solving



Design of Experiment (DoE)

Executive Degree In Quality Engineering

Module 1 - Quality Management System (QMS)

- Introduction to QMS (ISO, IATF and others)
- Quality Principles and Key Concepts for QMS
- Details of various clause in QMS
- Implementation Case Studies

Module 2 - Statistical Quality Analysis

- Basic Statistic and graphical techniques
- Hypothesis Test & Analysis of variance (ANOVA)
- Control Charts and Regression Analysis
- Measurement System Validation & Process Capability

Module 3 - DMAIC Problem Solving Methodology

- Define, Measure, Analyze, Improve and Control
- In depth problem solving techniques
- Hands-on group activities
- Implementation Case Studies

Module 4 - Measurement System Analysis

- Measurement System Terminology
- Effects of Measurement System Variability
- Assessing Measurement Systems
- Measurement System Analysis - Variables data

Module 5 - Process Validation

- Process Validation Protocols
- Installation Qualification (IQ)
- Operational Qualification (OQ)
- Performance Qualification (PQ)

Module 6 - Design of Experiment

- DOE Terminology
- Two Factors Factorial Design
- Three Factors Full Factorial Design
- Fractional Factorial Design





An Executive Degree Program designed by Industrial Quality Experts who have over 20 years of experience in various industries



Program delivered by qualified Industrial Quality Experts who have extensive hands-on experience in various industries.



Fully Online Learning with flexible lectures and tutorials conducted during weekends and weekdays outside working hours



70% Assignment + 30% Practical Test assessment.
A certificate will be awarded for every completed module + Executive Degree for fully completed course



Short course duration - only 6 months to complete and obtain your Executive Degree

Entry Requirement

Applicants must be 21 years old and above in the year of the application being made and possess working experience in the industry

For more information, please call or whatsapp us at 012-492 1811

CQI Academy Sdn Bhd



67B, Jalan Perai Jaya 4,
Bandar Perai Jaya,
13600 Prai, Pulau Pinang



012 - 492 1811



tony@eproqual.com



Strategic Educational Partner



SEGi College
Subang Jaya

INSPIRE • IGNITE • IMMERSE