



# FMM INSTITUTE (Centre for Professional Development)

Wisma FMM, No. 3, Persiaran Dagang, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur  
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## FMM CERTIFIED QUALITY ENGINEER

### SBL Scheme

The **FMM Certified Quality Engineer** is specially developed to cultivate workforce proficiency in the principles and practices of Quality Engineering and Management. This course will help to enhance the ability to use quality engineering and management techniques in implementing an effective quality system or programme in an organisation.

### COURSE OBJECTIVES

At the end of the programme, participants would have:-

- Acquire an in-depth knowledge and skills in applying the principles of Quality Engineering and Management in their workplace
- Enhance the ability to use Quality Engineering and Management techniques to implement an effective quality system or programme
- Create opportunities for career advancement and development in Quality Engineering and Management within an organisation
- Prepares engineers for an external examination leading to an internationally-recognised qualification as a quality professional

### WHO SHOULD ATTEND

This programme is meant for Executives, Engineers and Managers who have a few years working experience in quality-related field.

### ENTRY REQUIREMENTS

Candidates **must** be proficient in the English Language and meet the following entry requirements:

- **Degree** in any discipline **and** at least **4 years** working experience in Quality related field, or
- **Diploma** in any discipline **and** at least **6 years** of working experience in Quality related field, or
- **Certificate** in any discipline **and** at least **7 years** of working experience in Quality related field or
- **Minimum SPM / MCE / SPVM** qualification **and** at least **8 years** of working experience in Quality related field

### COURSE STRUCTURE

Duration : 17 days  
Lecture Days : Saturday & Sunday  
Number of Modules : Three (3)

#### Evaluation

The evaluation will consist of a 5-hour multiple choice examination after the completion of the lecture sessions.

#### External Examination

Participants have the option to register and sit for the Certified Quality Engineer examination of the American Society for Quality at the end of the course.

### ADMINISTRATIVE DETAILS

Date : **April 13 - September 28, 2019**  
Venue : FMM Institute  
2nd Floor, Wisma FMM  
No.3, Persiaran Dagang, PJU 9  
Bandar Sri Damansara  
52200 Kuala Lumpur

Fees: Member **RM 4,500.00** per pax  
Non-Member **RM 5,400.00** per pax

(Fees do not include meals and ASQ exam fees)



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## **FMM CERTIFIED QUALITY ENGINEER**

### **COURSE CONTENTS**

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#### **Module 1: Quality Management Practices and Applications**

- Total Quality Management
- Quality Improvement and Planning Tools
- Quality Audit

#### **Module 2: Quality Statistical and Analytical Methods and Applications**

- Distribution and Statistical Inference
- Statistical Process Control
- Design of Experiment
- Acceptance Sampling Plan

#### **Module 3: Quality Measurement Systems, Safety and Liability**

- Measurement, Metrology and Calibration
- Reliability and Product Liability

### **AWARD OF CERTIFICATION**

Participants are required to meet the 80% course attendance requirement to qualify to sit for FMM Institute's internal examination. Upon successful completion of the course and its examination, participants will be awarded the FMM Certified Quality Engineer issued by FMM Institute.

*All cancellations must be made in writing. There will be no charge for cancellation received 14 or more working days before the start of the programme. Cancellation received 7-13 working days before the start of the programme is subjected to a cancellation fee of 50% of the course fees. Cancellation received 6 working days and below before the start of the programme is subjected to cancellation fee of 100% of the course fees. If the participant fails to attend the programme, the full course fees are payable. However, replacement can be accepted at no additional cost.*

