



# FMM INSTITUTE (Centre for Professional Development)

Wisma FMM, No. 3, Persiaran Dagang, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur  
Tel: 03-62867200 Fax: 03-62776712 E-mail: [nora@fmm.org.my](mailto:nora@fmm.org.my) / [norsvamira@fmm.org.my](mailto:norsvamira@fmm.org.my)

## 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 : 22 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 : **August 11 – December 16, 2018**

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.*



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## Panel of Trainers

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**1) Mr. Kuang Kok Hoo** (TTT/0523) a graduate from the Universiti Sains Malaysia, majors in Applied Statistics and Operational Research and minor in Management. He is a Member of the American Society for Quality (ASQ) and is an ASQ Certified Quality Engineer and Manager. He is also the International Register of Certified Auditor (IRCA) from the United Kingdom. Mr Kuang has extensive experience in Quality discipline, serving as QC/QA, TQM and training positions in the electronic components, semiconductors, computer peripherals and tyre manufacturing industries. His major accomplishment includes introducing the Total Quality Culture and Function and in setting up and implementing the ISO9000/QS9000 Quality Management System in the organizations. He has often been invited to conduct training for various manufacturing industries such as steel and metal; motor and motorcycle; foods; furniture; oil processing; and rubber and plastic products. He is also an invited judge and speaker for government bodies such as Tenaga Nasional Berhad, Income Tax Department and Town Council and for the private sector such as the Lion Group and the Hong Leong Group. He is presently the course leader for FMM's Certified Quality Engineer and Manager programme conducted for FMM Institute.

**2) Mr. Then Kui Min** (TTT/0519), is a graduate from University Malaya with BSc (Hons) Physics. He is a Member of the American Society for Quality (ASQ) and has succeeded in gaining numbers of certification from ASQ such as Certified Quality Auditor (CQA), Certified Quality Engineer (CQE), Certified Manager of Quality/Organizational Excellence (CMQ/OE) as well as Certified Six Sigma Black Belt (CSSBB). Furthermore, he is a Certified Quality Manager with Distinction from FMM Institute. He has also completed and passed the International Register of Certificated Auditor (IRCA) "ISO9000:2000 Series Lead Auditor" course. With more than 12 years of working experience, specializing in Quality Management discipline, he has served as a Senior Manager of QC/QA, Quality System, 6 Sigma, QIT, QCC and Quality Training. With extensive hands-on experiences and skills of managing, organizing, planning, problem solving in quality improvement activities, he is responsible for initiating, deploying, overseeing, mentoring, coaching and facilitating various kinds of quality improvement initiative.

**3) Ms. Flora Anthonymsamy** (PSMB/22/1/12/Klt77), holds a Bachelor of Science majoring in Chemistry from the National University of Malaysia and since then has been actively involved in the quality field. She started her working career in SIRIM working her way as a product certification scheme auditor conducting surveillance audits for chemical based companies to comply with Malaysian standards, to conducting training for SMI industries in Perak on ISO 9000 standards. Flora joined the private sector and worked as a group quality assurance manager in a glove manufacturing company, which has four facilities in Malaysia, and was responsible to implement the ISO 9002 certification for all the plants. As its group TQM Manager, Flora took the company further to implement TQM system in six of the facilities including two in Sri Lanka. Three and a half years back, Flora joined a consulting firm as its general manager and heads the Quality Consulting Division. Her expertise is in the quality management systems of ISO 9000 and ISO 14000, and OHSAS 18000. She has gained considerable experience in consulting and implemented TQM and Integrated Management Systems in multinational to small-scale industry environment.



**REGISTRATION FORM**

**FMM CERTIFIED QUALITY ENGINEER**

**Saturday & Sunday, Date: August 11 – December 16, 2018      Venue : FMM Institute, Kuala Lumpur**

(To be completed in BLOCK LETTERS)

**A. PERSONAL PARTICULARS**

Full Name (Mr/Ms) : \_\_\_\_\_ NRIC No. : \_\_\_\_\_  
 Designation : \_\_\_\_\_ Name of Company : \_\_\_\_\_  
 Permanent Address : \_\_\_\_\_  
 Correspondence Address : \_\_\_\_\_  
 (if different from permanent address)  
 Tel No. (H) : \_\_\_\_\_ (O) : \_\_\_\_\_ Fax No. : \_\_\_\_\_  
 E-mail Address : \_\_\_\_\_ H/P No: \_\_\_\_\_  
 Date of Birth : \_\_\_\_\_ Sex : \_\_\_\_\_ Age : \_\_\_\_\_ Nationality : \_\_\_\_\_ Race : \_\_\_\_\_

**B. EDUCATIONAL BACKGROUND**

Name of School / Institution	Years Attended		Highest Qualification Obtained
	From	To	
Secondary : _____	_____	_____	_____
College / University : _____	_____	_____	_____
Any Special Professional Course : _____	_____	_____	_____

**C. SPONSORSHIP**

Company Sponsored       Self Sponsored      Please Tick (√)

**D. SUBMITTED BY** (To be filled if sponsored by company)

SBL      Please Tick (√)

Name : \_\_\_\_\_ Designation : \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Company Address : \_\_\_\_\_  
 Tel No. : \_\_\_\_\_ Fax No. : \_\_\_\_\_ E-mail Address : \_\_\_\_\_  
 FMM Membership No: \_\_\_\_\_ PSMB Code No: \_\_\_\_\_ GST Registration No: \_\_\_\_\_

**E. DECLARATION**

**I hereby declare that the information provided is correct and complete.**

Signature of Participant: \_\_\_\_\_ Date: \_\_\_\_\_

**Payment Advice:**  
 Enclosed cheque/bank draft No. \_\_\_\_\_ for RM \_\_\_\_\_ being payment for \_\_\_\_\_ participant(s) made in favour of "FMM Institute".

**Please fax or mail the registration form to :**

Nora Liza / Norsyamira      Tel : 03-62867200      Fax : 03-62776712  
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