



FMM INSTITUTE *(Centre for Professional Development)*

Wisma FMM, No. 3, Persiaran Dagang, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur
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Remote Online Training FMM CERTIFICATE IN PRODUCTION PLANNING AND CONTROL

SBL-Khas

FMM Certificate in Production Planning and Control is specially designed for the professional development of employees in the manufacturing sector. This programme will cover knowledge on the concepts and tools of Production Planning and Control, Production Scheduling and Measurement and how they are implemented at the manufacturing shopfloor.



WHO SHOULD ATTEND

This programme is meant for those who are currently involved in the production and operations. It is also recommended for those at supervisory and junior/middle management levels.

ENTRY REQUIREMENTS

- Minimum MCE/SPM/SPVM education level
- Minimum 1 year working experience

AWARD OF CERTIFICATION

Upon successful completion of the course and its coursework, participants will be awarded the **Certificate of Achievement**. Participants who have attended at least 80% of the programme will be awarded a **Certificate of Attendance**.

COURSE OBJECTIVES

- Understand the concepts and tools used in planning and operating an effective manufacturing system
- Understand the approaches and techniques needed to ensure the effectiveness and efficiency in daily production operations
- Develop potential team-leaders in the manufacturing industry

COURSE STRUCTURE

Live Webinar session : 5 days (7 hours / day)
(Pre & Post Test and Assignment)

Time : 9.00 am – 5.00 pm

ADMINISTRATIVE DETAILS

Dates : **October 6, 8, 13, 15 & 22, 2021**

Venue : Remote Online Training
Platform : Talent LMS and Zoom

Fees : FMM Member **RM3,180.00 per pax**
Non Member **RM3,498.00 per pax**
(Inclusive of 6% service tax)

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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COURSE CONTENTS

Module 1: Introduction to Production Planning and Control and Production Planning Systems

- Aggregate Planning and Capacity Planning
- Master Production Scheduling

Module 2: Material Requirement Planning (MRP)

- Objectives and Applicability of MRP
- Inputs and Outputs of MRP
- Implementation Issues

Module 3: Inventory Management

- Independent and Dependent Demand
- The Cost of Inventory
- ABC Analysis
- Inventory Modules for Independent Demand
- Safety Stock and Safety Leadtimes

Module 4: Just-In-Time (JIT)

- Philosophy of Operations
- Techniques for Managing Operations
- Methods of Planning and Control
- Drawbacks of JIT

Module 5: Supply Chain Management

- Purchasing
- Distribution/Logistics
- Materials Management
- Supply Chain Policy and Operations Strategy
- Supply Chain Dynamics

Module 6: Maintenance Management and Major Losses

- Goal of Total Productive Maintenance (TPM)
- Overall Equipment Effectiveness
- TPM Development



REGISTRATION FORM

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Date: October 6, 8, 13, 15 & 22, 2021

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(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 From To | Highest Qualification Obtained |
|---|---------------------------|--------------------------------------|
| 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-Khas Non Contributor Please Tick (√)

Name : _____ Designation : _____

Company Name: _____

Company Address : _____

Tel No. : _____ Fax No. : _____ E-mail Address : _____

FMM Membership No: _____ My Corporate Identity No : _____

E. DECLARATION

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

Signature of Participant: _____ Date: _____

Please submit the Registration Form and supporting documents to:

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