



FMM Institute

Co. No: 199901000527 (475427-W)
Perak Branch



PRODUCTION PLANNING AND CONTROL

May 6-7, 2026 (Wednesday-Thursday)

8.45 am – 5.00 pm FMM Institute Perak



Production is a process whereby raw material is converted into semi-finished products and thereby adds to the value and utility of the products, which can be measured as the difference between the value of inputs and value of outputs.

"The highest efficiency in production is obtained by manufacturing the required quantity of a product, of the required quality, at the required time by the best and cheapest method" – PPC is a tool to coordinate all manufacturing activities in a production system.

Production planning and control essentially consists of planning production in a manufacturing organization before actual production activities start and exercising control activities to ensure that the planned production is realized in terms of quantity, quality, delivery schedule and cost of production.

OBJECTIVES

At the end of the program, participants would be able to:

- Define production management
- Understand the demands of our customers today and how they affect the supply chain management
- Be equipped with the latest techniques that will position your organisation to be competitive
- Increase and maximize the utilization of the manufacturing facility through a more effective and efficient production planning and control
- Explain the design of production system and manufacturing process

COURSE CONTENTS

- Introduction
- What is Production Management?
- Production Planning and Production Control
- The need for PPC (Production Planning and Control)
- The Goals & Function of PPC
- Operations Planning and Scheduling Systems
 - Business Plan
 - Aggregate Production Planning
 - Aggregate Capacity Planning
 - Master Production Scheduling
 - Resource Requirement Planning
 - Material Requirement Planning
 - Capacity requirement Planning
 - Shopfloor Control
 - Loading
 - Routing
 - Detailed scheduling
 - Expediting
 - Input Output Control
- Aggregate Planning
- Master Production Schedule (MPS)
- Material Requirement Planning (MRP)
- Capacity Planning
- Routing
- Scheduling
- Scheduling Methodology
- Exercise

WHO SHOULD ATTEND

The program has been designed for new supervisors and leaders. However, supervisors with longer work experience and needing more formal development program is highly recommended.

TRAINING METHODOLOGY

The learning methodology for this Program is a highly interactive process which includes instructor-led discussion, personal assessment of skills, group exercises, operational action plans and assignments. Sessions will include activities related to the new expectations for performance and competencies, roles and responsibilities.

TRAINER

DR AHMAD FAUZI ABDUL WAHAB holds a Doctor of Philosophy in Family Economics and Management from UPM, an MBA from USM and a Bachelor Degree in Applied Science from Curtin University, Australia. In the past, he has conducted courses such as Management and Supervisory Development, Performance Appraisal, Project Management, Quality Awareness, Leadership & Team Building, Motivation, Communications, Time Management, KPI, Problem Solving Skills, Balanced Scorecard and Good Manufacturing Practices. His working experience includes being a Training Officer with Philips Audio Electronics, a Senior HR Officer with Philips Electronics Supplies, a HR Development Manager with Palmco Holdings and Unico Technology and a Program Manager with Solectron Technology.

DR FAUZI, a certified trainer registered with PSMB, is a regular speaker for University Malaya's Faculty of Education, School of Radiography (Hospital KL) and Jabatan Pembangunan Koperasi and has lectured at ITM Shah Alam's School of Arts & Design. During his employment with KODAK Malaysia, he has conducted the popular Audio Visual Workshop & Presentation Skills organized by KODAK for Trainers and Presenters. Since 1993 he has conducted courses for Body Fashion, Yamaha, Silitek, Southern Steel, Casuarina Beach Hotel, KOBE, Mitsuoka, Dai-ichi, AKN Industries, Isuta, MODENAS, MINDEF, MMI, Matsushita, Sharp-Roxy, Panasonic, Palmco, Sony, Yuasa Bateri, Singapore Air Security, Aicello Sanipak, Singapore Air Terminal Services (SATS) and many others.

Closing Date: APRIL 29, 2026

COURSE DETAILS

Date **May 6-7, 2026 (Wednesday-Thursday)**
Time **8.45am - 5.00pm**
Venue **FMM Institute Perak**
No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak

Medium of Instruction **English**

CPD **14 hours**

Fees **Members RM1,134.00/pax**

Non-Members RM1,296.00/pax

(Fees inclusive of Service Tax at 8%, Course Materials, Refreshment, Lunch and Certificate of Attendance)

ADMINISTRATIVE DETAILS

HRD CORP CLAIMABLE COURSE DETAILS

- Training Provider: **FMM Institute Perak** ■ MyCoID : **475427W_PERAK**
- HRD Corp Programme No: **Provided upon confirmation**

DISCLAIMER

The FMM Institute reserves the right to change the facilitator, date and to vary / cancel the course should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes.

REGISTRATION

- Upon **Faxing/Mailing** the completed **Registration Form** to FMM Institute, you are **deemed** to have read and **accepted** the terms and conditions. The **course** would also be **deemed** as **confirmed** unless informed otherwise.
- Will be based on First-Come-First served basis.

PAYMENT

- Cheques** made in favour of "FMM Institute" should be forwarded to FMM Institute Perak.
- For **HRD Corp Claimable Course**, an **Attendance of 100%** is a **must**, in any case, **employers will be billed in full**.
- FMM Institute SST Registration No. **W10-1901-32000105**
- FMM Institute TIN No. **C10626805080**

CANCELLATION

Must be in Writing with Reasons ■ 7 days before the course – No payment charged ■ 3 – 6 days before the course - 50% payment charged ■ < 3 days before the course – Full payment charged ■ Participants who did not turn-up will be charged full payment ■ Replacements can be accepted at no additional cost

~ Registration Form ~

PRODUCTION PLANNING AND CONTROL

FMM Institute

No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak

Fax: 05-5488221

Dear Sir / Madam, please register the following participant(s) for the above programme.

1.	Name	Designation	
	NRIC	HP No	
		Email	
2.	Name	Designation	
	NRIC	HP No	
		Email	
3.	Name	Designation	
	NRIC	HP No	
		Email	

(Please attach a separate list if space is insufficient)

We hereby confirmed that *(Please tick (✓) in appropriate box)*:-

- We **will be claiming from HRD Corp** and full payment would made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances
- We will **NOT BE CLAIMING from HRD Corp**. Enclosed cheque/bank draft No _____ for RM _____ being payment for _____ participant(s) made in favour of the "FMM Institute".

Submitted by:

Name:	Designation:	
Company:	Tel:	Fax:
Address:		
Email:	FMM Membership No	