

Effective Production Planning, Scheduling & Control

“Apply the best practices to maximize your production capacity and resources”

Introduction

In today's competitive global and business environment, it is essential to have a thorough knowledge and understanding of production planning and scheduling so as to reduce the overall manufacturing costs and thus improve productivity. Production planning and scheduling are concerned with the volume and timing of outputs, the utilization of operations capacity, forecasting and developing material requirement plans, managing inventory, and managing for world class competition, just-in-time manufacturing and managing for quality.

Objectives

By the end of the session, you would be able to:

- Appreciate the roles of production planning, scheduling and control, and its objectives and functions.
- Explain a comprehensive overview of the various aspects of operation.
- Exercise and enhance your forecasting skills by applying proven methods.
- Understand the benefits of aggregate planning and identify the suitable aggregate planning methods for your production plan.
- Understand the principles of demand and capacity management, and Master Production Scheduling mechanism.
- Identify the process of creating accurate and feasible Master Scheduling for Production (MPS).
- Describe benefits, principles and mechanisms of Material Requirement Planning (MRP).
- Elevate material planning linkage to operational effectiveness.
- Attain practical operation scheduling and inventory control techniques that are available and can be applied.
- Learn the reports, evaluation tools and techniques for the analysis of production problems.
- Acquire various production planning and control tools.
- Improve your production efficiency, save time, cost and inventory.
- Extend your professional skills and add your career value.

Learning Methodology

The course will be delivering through a combination of Metaphoric and Learning-By-Doing approach, where as the participants will be going through various simulation scenario which interact with the subject itself. At each stage, the participants will need to exercise the techniques that been taught and practice them to self-develop their level of skills.

Active learning activities are included to allow participants to engage actively in the learning process. Besides that, leading the participants through these activities will enable better understanding on the concepts. The active learning activities are such as: Hands-on exercises, Group discussions, Case studies, Interactive storytelling, Commentary on other companies / industries, and Video presentation

Who Should Attend

Production Managers, Executives and Senior Supervisors who are responsible for manufacturing. Others involved in planning and production control would also benefit from this course, which includes personnel from planning, purchasing, and customer control.

Program Outline

Module 1: Operation Management and Production Planning & Control

Learn the objectives and function of operation management, and the interrelationship between Production Planning & Control.

Module 2: Forecasting

Recognize the importance of accurate forecast, the types & applications of forecast, and how to apply the proven methods for rational forecast.

*** Activity: Exercise on forecasting**

Module 3: Aggregate Planning & Capacity Planning

Understand the theory behind aggregate planning & capacity planning and various aggregate planning methods. Apply Break-Even Analysis in job design and capacity planning.

*** Activity: Case study**

Module 4: Master Scheduling for Production (MPS)

Appreciate the accuracy of Master Production Schedule (MPS), and understand the steps and process in doing MPS.

*** Activity: Case study**

Module 5: Material Requirements Planning (MRP)

Comprehend the definitions and benefits of Material Requirements Planning (MRP), and gain knowledge on Bills of Material (BOM) – as critical success factors for MRP implementation.

Module 6: Operations Scheduling (OS)

Realize the relationship of Operations Scheduling (OS) with the above subjects. Apply the scheduling techniques (internal focus) and sequencing techniques (external focus) to construct convincing OS.

Module 7: Inventory Management

Learn to apply ABC & VED analysis for materials management, and recognize the various costs in inventory. Identify the relativity of quantity discounts in inventory management.

*** Activity: Exercise on inventory costing**

The Expert Profile

Andrew started his consulting and training experience in 1991 as a management consultant attached with a US based consultancy firm. He has extensive consulting experience in Indonesia, Thailand and Malaysia, specializing in the areas of productivity improvement, cost savings, behavioral change survey and training. His clients came from such diverse industries as Electronics & Electrical, Steel Mill, Food Processing, Garment & Knitting, Furniture, Fertilizer, and Yarn/Thread. His last position was the Vice President of Operations before joining the manufacturing fraternity as Head of Departments with multiple responsibilities in the areas of Training, Facility, Industrial Engineering, Productivity, and Safety. Under his leadership, the company won the National Productivity Award in 1999, organized by the National Productivity Corporation (NPC) and presented by the previous Malaysian Prime Minister, Tun Dr. Mahathir. He became the General Manager for an organization listed on the Stock Exchange of Malaysia/Bursa Malaysia before setting up his own management consultancy practice.

In addition to helping his clients enhance their organizational performance through management consulting projects, **Andrew** currently partners with a number of companies in Malaysia and Singapore to deliver training courses on numerous topics relating to both technical/operational/hard and soft skills subjects. Participants came from as far as Africa and the Middle East to join **Andrew's** classes.

Andrew is also an active contributor to the industry. He has been invited to speak in events such as International Conference on Best Practices which was graced by senior officials from the Ministry of International Trade and Industry (MITI), sharing the stage with Professor Michael Gregory of the University of Cambridge, Mr Dieter Heyl (2007 Vice President of DaimlerChrysler Malaysia), and Dr Marcus Chao, President of Lean China Enterprise Inc.

Andrew has an MBA degree qualification with the University of Portsmouth, UK. His experience in international consultancy has also earned him a membership with the Association of Productivity Specialist (New York), in addition to being a qualified ISO 9000 assessor (QMI/SIRIM). He speaks fluent English, Mandarin, and Bahasa Malaysia.



Effective Production Planning, Scheduling & Control

"Apply the best practices to maximize your production capacity and resources"

Register Online
to Get FREE
Vouchers

Workshop * Fees includes workshop materials, refreshment, lunch and certificate of attendance but excludes Bank charges & VAT per payment

Session	Date	Location	Normal Fees	Early-Bird Due Date
	<input type="checkbox"/> 16-17 Feb 2012	Grand Dorsett Subang Hotel, Selangor	RM 1590	20 Jan 2012
	<input type="checkbox"/> 7-8 May 2012	Grand Dorsett Subang Hotel, Selangor	RM 1590	13 Apr 2012
Discount	Early Bird Registration <input type="checkbox"/> 5% Group Registration <input type="checkbox"/> 3 or more at 5% off <input type="checkbox"/> 5 or more at 7% off <input type="checkbox"/> 8 or more at 10% off			

Schedule

08:30 Registration
 09:00 Workshop Begins
 10:30 Coffee & Networking
 10:45 Workshop Resumes
 13:00 Networking Luncheon
 14:00 Workshop Resumes
 15:30 Coffee & Networking
 15:45 Workshop Resumes
 17:00 Workshop Ends

After complete this form,
please fax it to (603) 40235716

CANCELLATION & SUBSTITUTIONS: This registration may only be cancelled in writing not later than two weeks before the workshop begins. The booking may not be cancelled nor any fees refunded thereafter. A substitute may be named at any time before the workshop begins.

HOTEL ACCOMMODATION: Accommodation is not included in the workshop fees. To enjoy privileged room rates, please contact us and let us know your accommodation's arrangement.

For more information on the hotel, please visit http://www.gin-my.com/contact_us

NOTE: It may be necessary for reasons beyond control, to change the content and timing of the event, speaker(s) or venue. Every effort will be made to inform the participant of the change. Global Intelligence Network should not hold liable for any cost arising from this change.

PAYMENTS: An invoice will be sent upon receipt of your registration. Please note that full payment must be received prior to the event in order to be eligible for attending. Walk-in delegates with payment will be admitted on a space available basis. Payment may be made via cross cheque / bank draft / electronic transfer, made in favour of:

Global Intelligence Network (M) Sdn Bhd
 268-2-1, Wisma Mutiara Genting,
 Jalan Ayer Jerneh Off Jalan Genting Kelang,
 53300 Setapak, Kuala Lumpur,
 Malaysia.

Details for Telegraphic Transfer:
 Bank: RHB Bank
 Branch: Setapak, Kuala Lumpur
 A/C No: 26405800003737
 Swift Code: RHBBMYKL

For electronic transfer, Please email / fax your transaction slip to us as proof of payment.

Organization Details

Organization Name _____

Address _____

Tel _____ Fax _____

Participant Details

Name	Job Title	Email	Direct Line
1.			
2.			
3.			

The invoice should be directed to

Name _____ Job Title _____

Email _____ Direct Line _____

Authorising Manager's Details

Name _____ Job Title _____

Email _____ Direct Line _____

Signature _____ Date _____

*The booking is invalid without a signature.



Global Intelligence Network (M) Sdn Bhd,
 260-2-2 Wisma Mutiara Genting,
 Jalan Ayer Jerneh off Jalan Genting Kelang,
 53300 Kuala Lumpur, Malaysia.

Tel: (603) 40216000
 Fax: (603) 40235716
 Email: admin@gin-my.com
 Website: <http://www.gin-my.com>

HRDF SBL Scheme

1 Malaysia Training Scheme

Satisfaction
Guaranteed

Certificate of Completion
Awarded by GIN

Certificate of Completion Awarded by
 Millenium International University
 (State of Delaware, USA)