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HYFLEX LEARNING

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# APICS CERTIFIED IN PRODUCTION AND INVENTORY MANAGEMENT (CPIM) EXAM PREPARATION PART 1 & 2

*Maximize Your Chances of Passing the Internationally Renowned Certification Exam First Time!*

## PART 1

DUBAI, UAE OR ATTEND REMOTELY
For the latest Open Enrollment Schedule, **Please click here**

## PART 2

DUBAI, UAE OR ATTEND REMOTELY
For the latest Open Enrollment Schedule, **Please click here**

## After Earning The CPIM You Will Be Able To:

- **Increase** Inventory Accuracy And Reduce Inventory
- **Improve** Forecasting
- **Improve** The S&OP Process
- **Manage** And Apply Capacity Resource Planning
- **Work** More Productively With Your Company's ERP System

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APICS Training Partner

**Ravindra Tulsyan**
Chairman & Chief Mentor of
KnowerX Education

# COURSE INFORMATION

## COURSE OVERVIEW

The APICS Certified in Planning and Inventory Management (CPIM) provides a comprehensive body of knowledge, best practices and standards to allow candidates to better respond to supply disruptions, respond to demand variations and manage supply chain risk. CPIM serves the needs of both professionals and employers around the world by making you a more valuable asset to your organization and keeping you and your organization more competitive in today's global economy.

The pandemic caused a major shift in consumer demand and put a spotlight on supply chain vulnerabilities. This makes planning more important than ever, and CPIM 7.0 reflects that.

Earning the APICS CPIM demonstrates mastery of an organization's internal operations and an in-depth understanding of materials management, master scheduling, forecasting, production planning and how it applies across the extended supply chain.

These 2 CPIM Exam Preparation courses will see that you pass your APICS exam first time with our 100% facilitator lead discussions, presentations and case studies, that will bring the APICS CPIM content to life!

## WHO SHOULD ATTEND

- APICS CPIM is beneficial for professionals working in:Production and inventory management
- Operations
- Supply chain management
- Procurement
- Materials management
- Purchasing
- Finance and cost accounting
- Manufacturing information systems

## COURSE SCHEDULE

The course will commence at 9:30 and end at 16:30 GST (GMT+4). There will be short refreshment breaks and an hour long lunch break at 12:45.
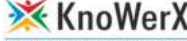
## LEARNING STYLE

This facilitator led training will incorporate numerous case studies, presentations, group discussions, role playing and scenarios to bring the APICS CPIM content to life. It will be highly participatory and interactive to best digest the content.

## APICS CSCP LEARNING SYSTEM

As part of this course, you will receive the APICS CSCP Learning System — a certification exam preparation and professional development tool developed by APICS.The APICS CSCP Learning System consists of three reading modules and web-based study tools that reflect the entire APICS CSCP Exam Content Manual (ECM) and provides a broad view of global end-to-end supply chain management. Each module will empower you with an understanding of best practices, techniques and technologies necessary to maximise your organisation's efficiency and impact on the bottom line.

## EDUCATION PARTNER

KnoWerX Education is the Premier Channel Partner of APICS (http://www.apics.org)and Affiliate of Demand Driven Institute (https://www.demanddriveninstitute.com/) providing globally recognised distance learning professional certification programmes and on-site/ public professional education/courses/training programmes in areas of Supply Chain Management, Operations Management, Production Management, Demand Planning, Materials Management, Distribution Management, Theory of Constraints (TOC), Supply Chain Operations Reference (SCOR) Framework, Logistics Management and Transportation Management. KnoWerX also provides consultancy in the area of supply chain transformation implementation using SCOR frameworks that elevate supply chain excellence, innovation and resilience.

# COURSE OUTLINE

## (CPIM Part 1): Basics of Supply Chain Management

### DAY ONE

On this entry module we will cover the basic concepts used in managing the complete flow of materials in a supply chain, from suppliers to customers. You will be introduced to supply chain concepts and emphasize basic terminology and relationships among activities in the supply chain. Knowledge of the material in this module is assumed as a prerequisite for the other APICS CPIM modules, which cover similar topics but in much greater depth.

**Module 1: Supply Chain Overview**
- Section A: Operational Objectives to Meet Competitive Priorities
- Section B: Marketing Strategies
- Section C: Fundamentals of Sales and Operations Planning
- Section D: Manufacturing Strategies
- Section E: KPIs and Metrics
- Section F: Sustainable and Socially Responsible Supply Chains

### DAY TWO

**Module 2: Fundamentals of Demand Management**
- Section A: Creating a Product Road Map
- Section B: Product Development
- Section C: Characteristics of Demand
- Section D: Forecasting

### DAY THREE

**Module 3: Plan Supply**
- Section A: Master Production Schedule
- Section B: Material Requirements Planning
- Section C: Capacity Requirements Planning
- Section D: Final Assembly Scheduling
- Section E: Closing the Loop

**Module 4: Executing the Supply Plan Section**
- A: Buy Section
- B: Make

### DAY FOUR

**Module 5: Inventory Management**
- Section A: Inventory Investment and Days of Supply
- Section B: Safety Stock
- Section C: Item Segmentation
- Section D: Order Quantity and Item Replenishment
- Section E: Tracking Inventory Through Supply Chain
- Section F: Basics of Reverse Logistics
- Section G: Inventory Accuracy Audits
- Section H: Addressing Inventory Loss
- Section I: Planning and Managing Distribution Inventory

### DAY FIVE

**Module 6: Continuous Improvement and Quality Management and Technologies**
- Section A: Continuous Improvement
- Section B: Information, Process, and Emerging Technologies
- Course Wrap-up and Discussion

## (CPIM Part 2): Advanced Supply Chain Management

### DAY ONE

**Module 1: Strategy**
- Section A: The Environment and Strategy
- Section B: Strategic Scope
- Section C: Strategic Objectives
- Section D: Developing Organizational Strategy
- Section E: Executing and Monitoring Strategy
- Section F: Analysis for Functional and Operational Strategies
- Section G: Functional and Operational Strategies
- Section H: Processes and Layouts
- Section I: Performance Monitoring and KPIs
- Section J: Risk Management
- Section K: Capital Equipment and Facilities
- Section L: Sustainability Strategies

### DAY TWO

**Module 2: Sales and Operations Planning**
- Section A: Purpose of S&OP
- Section B: S&OP Roles and Process
- Section C: Aggregate Demand and Supply Plans
- Section D: Reconciling S&OP Plans

**Module 3: Demand**
- Section A: Demand Management
- Section B: Customers
- Section C: Marketing and Product Management
- Section D: Sources of Demand
- Section E: Forecasting
- Section F: Forecast Performance

### DAY THREE

**Module 4: Supply**
- Section A: Creating the Master Schedule
- Section B: Using and Maintaining the Master Schedule
- Section C: Rough-Cut Capacity Planning
- Section D: MRP Design
- Section E: Using and Managing MRP
- Section F: CRP and MRP-Based Scheduling
- Section G: Final Assembly Schedule
- Section H: Suppliers
- Section I: Purchasing
- Section J: Product Costing
- Section K: Changes and Supply Disruptions
- Section L: Product Life Cycle Management

### DAY FOUR

**Module 5: Inventory**
- Section A: Inventory Planning
- Section B: Inventory Management
- Section C: Inventory Costs, Value, and Metrics
- Section D: Inventory Control
- Section E: Waste Hierarchy and Reverse Logistics

**Module 6: Detailed Schedules**
- Section A: Planning Detailed Schedules
- Section B: Scheduling and PAC Methods
- Section C: Production Schedules
- Section D: Using Detailed Schedules

### DAY FIVE

**Module 7: Distribution**
- Section A: Planning Distribution
- Section B: Replenishment and Order Management
- Section C: Reverse Logistics in Distribution Network

**Module 8: Quality, Continuous Improvement, and Technology**
- Section A: Quality
- Section B: Continuous Improvement
- Section C: Technology

# MEET YOUR COURSE DIRECTOR

**Ravindra K. Tulsyan**

Chairman & Chief Mentor of KnowerX Education

Ravindra Tulsyan, popularly known as Ravi, is a highly effective change leader and ERP/SCM/business process guru. In his career starting 1982, he has had very wide and deep insight of business problems of more than 150 companies, in India and abroad, in all kinds of manufacturing, distribution and service businesses. He is the pioneer of ERP and business process movement in India.

Ravi did his B.Sc.Engg.(Hons.)(Mech.) from REC (Now NIT) Rourkela. He completed his M.Tech.(Mech.) from IIT Kanpur and Diploma in Business Finance (DBF) from ICFAI Hyderabad. He is Certified Fellow in Production & Inventory Management (CPIM-F), Certified in Integrated Resource Management (CIRM), Certified Supply Chain Professional (CSCP), by APICS, USA, SCOR-P certified by APICS SCC, USA, Certified Demand Driven Planner (CDDP) by ISCEA, USA, Professional Designation in Logistics and Supply Chain Management (PLS) by AST&L, USA, and, Certified in Logistics, Transportation and Distribution (CLTD) by APICS, USA , and, Demand Driven Planner Professional (DDPP) by Demand Driven Institute, USA.

Prior to starting his business, he worked for Tata Unisys Ltd. (now Tata Consultancy Services Ltd.) for more than six years. He started his own ERP consulting practice in 1989 in the name of Saksham Consultants. Later he formed AAKIT Technologies Pvt. Ltd. that was SAP channel partner. Now, he is the Chairman and Chief Mentor of KnoWerX Education (India) Pvt. Ltd., a premier channel partner of APICS, USA (http://www.apics.org), administrative partner of TOC International Certification Organization, USA (http://www.tocico.org) and affiliate of Demand Driven Institute, USA (http://www.demanddriveninstitute.com). He is one of the founders and played the lead role in forming the Business Process Council. He is Vice President (West) of the National Institute of Technology (NIT), Rourkela Alumni Association (NITRAA). He served as the member of the Voice of Customers Committee of APICS, USA continuously for two years, and served as APICS 2016 CPIM Task Force member. He is also the APICS Master Instructor and taught several CPIM, CSCP, SCOR-P and Instructor Development (Train the Trainer, Learning Dynamics for Instructors) courses in many countries , namely, Bahrain, Egypt, Jamaica, Malaysia, Qatar, Saudi Arabia, Singapore, South Korea, Thailand, UAE, Uganda, USA, Vietnam with participants from all over the world.

He has worn many hats; has been an entrepreneur, consultant, implementer, visiting faculty, speaker and writer at many occasions. Many organizations in India as well as abroad had the opportunity to be guided by him and his team to improve their business processes. His book titled "How to Eat the Elephant?" is one of the most acclaimed books on the subject of enterprise systems implementation.

# EXPLORE THE NEXT GENERATION OF CORPORATE TRAINING WITH INFORMA'S HYFLEX LEARNING SOLUTION

## WHAT IS HYFLEX?

*HyFlex brings together the best of both worlds to give you the choice to attend our world-renowned courses either In-Person or Remotely*

**Informa HyFlex** is an instructional model that combines face-to-face and remote learning, giving learners the option of attending sessions either In-Person* or synchronously Online.

### Bridging the gap between In-Person and Remote Learning
The model provides rich face-to-face experience for In-Person attendees and promotes meaningful engagement for Remote learners at the same time. Our trainers are skilled at addressing two audiences simultaneously, ensuring you are engaged in the content and activities whether you are in the training room or attending remotely.

### High-quality engagement

- Three-way communication and engagement between the facilitator, In-Person learners and Remote learners

- The course content is modularised to make learning conducive to In-Person and Remote learners

- Both In-Person and Remote learners will collaborate on activities, exercises, and case studies using the learning platform and other interactive tools like Mentimeter and Mural



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*For Informa's approach to enhanced health and safety standards for In-Person learners, please refer to the last page.

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# APICS CERTIFIED IN PRODUCTION AND INVENTORY MANAGEMENT (CPIM) EXAM PREPARATION PART 1 & 2

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## ABOUT INFORMA ALLSECURE

Informa AllSecure is Informa's approach to enhanced health and safety standards at our events following COVID-19.

From trainers to delegates, speakers, visitors and journalists, those who come to our events come to connect, learn, know more and do more business, effectively and safely.

The standards and practices that make up Informa AllSecure are designed to provide confidence that at this event, we are striving to provide the highest standards of safety, hygiene, cleanliness and quality.

Read more about it here: www.informa-mea.com

## AVOID VISA DELAYS – BOOK NOW

Delegates requiring visas should contact the hotel they wish to stay at directly, as soon as possible. Visas for non-GCC nationals may take several weeks to process.

## REGISTRATION, PAYMENTS AND CANCELLATION

All registrations are subject to our terms and conditions which are available at www.informa-mea.com/terms. Please read them as they include important information. By submitting your registration, you agree to be bound by the terms and conditions in full. All registrations are subject to acceptance by Informa Middle East which will be confirmed to you in writing.

A confirmation letter and invoice will be sent upon receipt of your registration. Please note that full payment must be received prior to the event. Only those delegates whose fees have been paid in full will be admitted to the event.

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All cancellations must be sent by email to register-mea@informa.com marked for the attention of Customer Services Cancellation. Due to unforeseen circumstances, Informa Connect reserves the right to cancel the course, change the programme, alter the venue, speaker or topics.

For full details, please visit www.informa-mea.com