

YOUR INVITATION TO A 30-DAY *FREE TRIAL*
AT A SPECIAL DISCOUNT PRICE...

BASICS OF SUPPLY CHAIN MANAGEMENT

- *Gain a solid practical-based understanding of this vital subject,*
 - *With your own PERSONAL INSTRUCTOR, and*
 - *A TOLL-FREE 800-NUMBER for all your questions*

Start Now! Complete the First Required
Topic of the CPIM Configuration.



A
unique
self-study
program
with one-on-one
guidance from
your personal
instructor. . .

Send your
exercises
in by:

- Mail,
- Fax, or
- Do them
online

DEVELOP YOUR SUPPLY CHAIN MANAGEMENT KNOWLEDGE AND SKILLS

BEGIN YOUR APICS CPIM CERTIFICATION EXAM TRAINING

ALSO LEARN ABOUT QUALITY, PURCHASING, LEAN/JIT, AND THE THEORY OF CONSTRAINTS

SUPPLY CHAIN MANAGEMENT— TODAY'S KEY TO SUCCESS IN MANUFACTURING

In the past, a knowledge of a limited area—production and inventory control for example—was sufficient to ensure career success in manufacturing. That's not true anymore. Today, the successful manufacturing manager has to understand the overall picture—manufacturing systems, master planning, purchasing, TQM, and much more. To help you develop your own knowledge and skills in these important areas and to begin your preparation for the APICS certification exams, we've created a unique learning-at-home experience for you. We call it

Basics of Supply Chain Management.

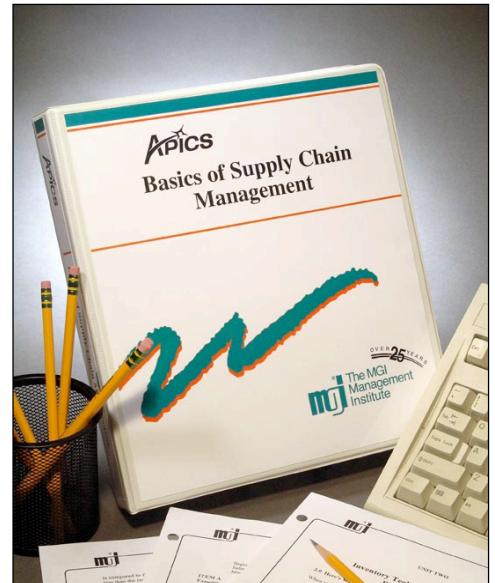
Developed directly from APICS' acclaimed workshop on the same subject, the course is conducted entirely by correspondence—mail, fax, or e-mail—in your own office or home at any pace you select.

WHAT YOU'LL LEARN IN 25 HOURS. . . OR LESS

You'll begin with an overview of the supply chain process. Then you'll learn to distinguish order qualifiers from order winners; you'll learn the three types of manufacturing strategies; you'll learn the basics of MRP and dependent vs. independent demand; you'll learn about master planning, standard hours, and how to complete a production schedule. You'll learn four forecasting techniques, inventory fundamentals, inventory management, and ABC analysis; you'll learn about capacity management and production activity control, and much more.

WHAT EVERY NEW MANAGER SHOULD KNOW

The latter units of Basics of Supply Chain Management introduce you to the key elements of quality management, purchasing, Lean/JIT, and the Theory of Constraints, topics that every manufacturing manager must understand to achieve success in today's competitive environment; you'll learn about TQM and scrap rate analysis; you'll learn to use three essential quality-related tools—Pareto analysis, fishbone diagrams, and control charts—as well as the basic quality concepts.



HOW THE COURSE WORKS

When you enroll, you'll receive your Basics of Supply Chain Management loose-leaf binder and course materials. Even after you complete the course, this binder will provide a permanent reference source for all your supply chain management activities. In each of the twelve units you'll be provided with:

- specific, to-the-point discussion of an area of Supply Chain Management;
- where appropriate, examples that show you how to apply the principles you've learned; and
- a series of Skill Development Exercises designed to help you practice your newly learned skills and solidify the knowledge you've acquired.

INSTRUCTOR SUPPORT WHEN YOU NEED IT — PLUS A TOLL-FREE NUMBER

You'll send your completed Skill Development Exercises via mail, fax, e-mail, or do them online—your choice—to the MGI Analysis Center. Your exercises will be carefully reviewed by your personal instructor/partner, who will provide helpful comments whenever necessary. If you have any questions, we'll give you a TOLL-FREE 800 number to get them answered. And remember, whenever you send in your exercises, we'll process them.

WHO SHOULD TAKE THIS COURSE

You should take this course if you want to advance in production planning, purchasing, or operations management positions or if you are new to the field of manufacturing or materials management.

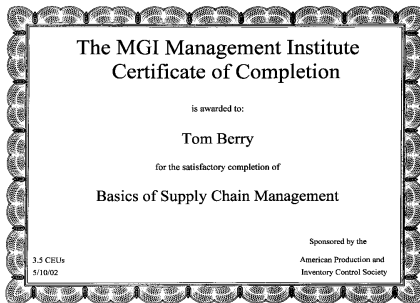
LET THE COMBINED SKILLS OF THREE EXPERTS HELP YOU DEVELOP YOUR SUPPLY CHAIN MANAGEMENT CAPABILITIES

The content of this course was developed by Tony Arnold, CFPI, CIRM, and Lloyd Clive, CFPI, both professors of business administration who, besides having worked in industry, have many years of classroom experience with materials management subject matter. This course builds on both their practical and theoretical knowledge.

The subject matter presentation was made by Henry Alex Hutchins, CFPI, CIRM, Procurement and Supply Seminars, an individual with more than twenty years of industrial experience divided among communications, training, and production control. Among his many activities, he directed the development and implementation of MRP applications to remanufacture and assemble the solid rocket boosters for America's Space Shuttle.

WHEN YOU FINISH

You can complete the course in about 25 spare-time hours; when you do, you'll have earned 3.5 Continuing Education Units (CEUs) and you'll receive a signed Certificate of Completion testifying to your accomplishment.



Perhaps most important of all, you'll have gained the knowledge and understanding you need to begin making significant contributions to all your company's supply chain management activities, and you'll be better prepared for the APICS supply chain management certification exam.

ENROLLMENT INFORMATION

Detailed information on enrolling in Basics of Supply Chain Management is located on the back page of this brochure.

ENROLL IN THIS VITAL COURSE TODAY!

COURSE OUTLINE

Unit One: Introduction to Supply Chain Management

Basic supply chain; EOQ equation; order qualifiers vs. order winners; manufacturing business model; product life cycle.

Unit Two: Material Requirements Planning

Dependent vs. independent demand; bill of material; calculating quantities from a multi-level product tree; planning horizon; planned, released, and firm planned orders.

Unit Three: Master Planning

Calculating production; using the standard hour; completing a master production schedule; calculating available-to-promise; final assembly schedule.

Unit Four: Forecasting

Four forecasting techniques; bias vs. random error; calculating a seasonality index; exponential smoothing; mean absolute deviation (MAD).

Unit Five: Inventory Fundamentals

Kanban system; classifications of inventory; calculating inventory carrying cost; balance sheets and income statements; calculating net profit.

Unit Six: Inventory Management

Determining order quantities; lot size reduction; two-bin inventory system; periodic review vs. cycle counting; order point system.

Unit Seven: ABC Classification and Physical Distribution

ABC analysis; order picking and assembly systems; distribution requirements planning; carrier rate structures and shipping costs.

Unit Eight: Capacity Management and Production Activity Control

Measuring capacity; calculating work center available time, utilization, and efficiency; finite vs. infinite loading; bottleneck centers.

Unit Nine: Purchasing

Purchasing cycle; supplier selection; vendor managed inventory; monitoring supplier performance.

Unit Ten: Quality Management

TQM; Six Sigma; Pareto analysis; fishbone diagrams and control charts.

Unit Eleven: Lean/Just-in-Time Manufacturing

Lean/JIT; manufacturing waste; process vs. product layouts; reducing set-up time; pull systems; preventive maintenance; continuous improvement; VSM; Heijunka, 5-S, and DMAIC.

Unit Twelve: Theory of Constraints

Types of constraints; VATI analysis; drum-buffer-rope planning and scheduling; critical chain project management.

ALL
IN
YOUR
OWN
OFFICE
OR
HOME . . .

AT
YOUR
OWN
PACE . . .

WITH
YOUR
PERSONAL
INSTRUCTOR
TO
HELP
YOU

ENROLLMENT INFORMATION

APICS MEMBERS SAVE \$80.00

COMMENTS FROM OTHER APICS HOME STUDY PARTICIPANTS

"...the course helped me with terminology in the field...and helped as I took the APICS Certification Exam."

J.A.M.
Morristown, NJ

"I was very pleased with the course. Having taken this course on my own initiative, I presented the manual to my immediate superior who was pleased with the quality."

Y.G.
Brossard, Quebec, Canada

"Once again I passed the (certification exam) thanks in large part to your correspondence course. Thank you for the help toward my certification. I've taken six of your courses and found them invaluable."

R.R.Q., Jr.
Rolling Meadows, IL

A SPECIAL MEMBER DISCOUNT PRICE—NO OTHER COSTS

The list price for Basics of Supply Chain Management is \$395*. However APICS is pleased to offer the special member reduced price of \$315*.

The course fee includes your loose-leaf bound course manual, review of and detailed comment on all your Skill Development Exercises, and personal response to every question you send in.

TO ENROLL

- Call (800) 444-2742 8:00 a.m. to 5:00 p.m. CT, Monday through Friday
- Fax your completed enrollment form to (773) 639-3001
- Visit www.apics.org/bookstore and search by stock #09321

*US funds

OUR GUARANTEE TO YOU

30-DAY TRIAL—Examine the course entirely at our risk for 30 days. If it's not exactly what you expected, simply return all material unused, and we'll promptly refund your full enrollment fee.

CONTINUING EDUCATION FOR MANUFACTURING PROFESSIONALS

This course was developed for APICS and is conducted by the MGI Management Institute, Hawthorne, New York.

For more than 30 years, MGI has been a leader in continuing education for the professions. MGI clientele includes the National Society of Professional Engineers and the Society of Manufacturing Engineers. MGI continues to provide practical, up-to-the-minute self-study experiences for thousands of engineering, manufacturing, and health-care professionals.



ENROLLMENT FORM

To: APICS Catalog Sales • 8430 W. Bryn Mawr Ave., Suite 1000, Chicago, IL 60631

YES, I want to enhance my understanding of the APICS certification body of knowledge. Please enroll me in Basics of Supply Chain Management (stock #09321) and send all materials at once. My check, credit card charge, or purchase order is enclosed as shown at right.

I understand this includes all course material, processing of all my Skill Development Exercises, and personal response to all questions I send in.

I understand further that, if I'm not completely satisfied with the material, I may return it, unused, within 30 days for a full and immediate refund.

**For shipping outside of the United States or Canada please call Customer Support at
(800) 444-2742
(773) 867-1777**

Name _____

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Daytime Phone _____

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APICS/ISM Membership # _____

PAYMENT INFORMATION

Member \$315

Nonmember \$395

Quantity _____

International Customs/Duties/Shipping \$45

Subtotal _____

Sales Tax: IL 6.25% _____

NC 4.25% _____

Can GST 7% _____

Maritime HST 15% _____

Total Price \$ _____

Check enclosed (payable to APICS)

Purchase order enclosed

Charge the above amount to my credit card as shown below:

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Acct. No. _____

Expiration Date _____

Signature _____

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