

A large, white, stylized logo, possibly representing a letter 'P' or a similar shape, is centered on the page. The background is a solid orange color with faint, light-colored circular patterns in the corners.

ProQua

ProQua APICS CPIM® Program 2007

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Dear Candidate

Welcome to ProQua “the Logistics Learning Institute”. In the increasingly competitive marketplace, employers put greater value on education than ever before. ProQua provides comprehensive, up-to-date knowledge to professionals who want to compete successfully in today’s complex logistics and supply chain industry. Avail yourself of the opportunity to expand your professional capabilities through ProQua.

Please consider the following:

The **Certified in Production and Inventory Management (CPIM)** program is just the strategic advantage you need in today’s world, where the rate of organizational and technological change is accelerating exponentially. Your participation in the program will help you achieve recognition for your experience, as well as provide you a way to continuously acquire the education critical to staying competitive in today’s employment market.

Since 1973 APICS certification has become recognized around the world as a standard of professional competence in supply chain management.

Join the growing number of your peers who have earned the CPIM designation, and enjoy the benefits they have derived from their achievements:

- Increased technical and functional knowledge
- Widespread recognition of professional competence
- Enhanced credibility with both employers and customers
- Demonstrated levels of professional expertise and skill
- Evidence commitment to professional growth and development

You will be able to understand how to:

- Optimize your inventory investment
- Deliver products and services Just-in-Time
- Streamline operations through accurate forecasting
- Consistently meet your long-, medium-, and short-range goals
- Manage all aspects of the supply chain
- Maximize the performance of your systems and technologies

More than 70.000 people worldwide have earned the CPIM designation, thousands continue to pursue certification each year.

Pursuing CPIM Certification requires a commitment on your part of time. The extent of that commitment depends entirely on you. But once you have completed this CPIM training, Your Company has made a solid investment in you. You will be a logistics leader and manager among an international body of certified professionals. You will be a member of a select group of highly skilled, internationally acknowledged specialists. You and your company will benefit from your increased professional knowledge. You will be able to contribute to your companies corporate results. You will be your-companies in-house consultant. Finally you will have acquired a highly specialized English logistics vocabulary, as well as a common lexicon. You will be able to communicate logistics Best Known Methods in English.

Ir. Gert W.M. Vanlier CPIM,

ProQua 2007

General Information 2007

ProQua has been providing logistics, corporate business training and consultancy since 1988. Our mission is to use our experience as a business specialist to be the best and largest provider of logistics knowledge and solutions.

Our products

Our range of products includes courses (instruction in Dutch, English or German) in the field of production logistics, physical distribution and corporate business management, both at the vocational training level and at the higher professional education (undergraduate) level. A special feature of the specific training in Applied Logistics is that students can complete a real-life consulting case-study during which they receive coaching by the ProQua team.

Open entry registration and in-company

The fact the ProQua is the Dutch market leader for APICS courses and training CPIM CIRM CSCP, validates our strategic choice to be a specialist in logistics training. Every year, ProQua helps upwards students/candidates to achieve international certification. Our open entry registration starts several times a year at different locations as well in the Netherlands as abroad. When a client opts for In-Company training, the training's content and location and class schedule are set to meet his or her special requests.

Instructors

ProQua works with close to 30 instructors/consultants, all of whom are experienced in the field they teach and active in professions such as logistics manager or business consultant. Each instructor is specialized in one or multiple modules. This enables students to interact with different instructors and as such benefit from their different backgrounds and professional experiences.

Skills and knowledge

Our courses and training sessions are aimed at two goals. One is to help candidates pass the certification exam. The other goal is to enable students to link academia to the reality of the daily work place, to use on the job the skills they have learned in class, allowing them to improve their effectiveness and their personal results. To ensure the best possible interaction between students and instructors, ProQua maintains small group sizes with a maximum of 15 students. This way, instructors will be able to address individual needs and allow students to sharpen their skills.

ProQua References

Our client base includes many medium-to-large sized companies such as:

NV Organon, NV Nutricia, SC Johnson, TruEconomy, Watermark, Scotts International, Codi International, 3M Nederland, 3M Deutschland, Fujitsu Siemens, Fuji Photo Film, Canon, Orange, NuplexResins, Dow Chemical, Corus, Pie Medical, Boston Scientific, Medtronic, Synthon, Diosynth, Ordina, Saint Gobain, Beckers, DSM, Molex GmbH, Polaroid, Zeelandia, Penske, Sabic etc. etc.

ProQua APICS CPIM® Program 2007

The Certified in Production & Inventory Management CPIM program was developed by APICS in 1973 to provide a common basis for individuals to assess their knowledge of the field of production and inventory management. The APICS CPIM certificate is worldwide recognized as standard of professional excellence and quality within the manufacturing and service industries

The mission of the CPIM program is to educate individuals on the concepts, tools, terminology and integration of topics across operation functions.

To become certified, a candidate must pass an exam for all 5 CPIM modules

Benefits of CPIM

A CPIM education can help you to

- *Increase your functional knowledge of production and inventory management*
- *Improve efficiency across the processes of your organization's supply chain*
- *Streamline operations through accurate forecasting*
- *Predict outcomes more accurately*
- *Maximize customer satisfaction by delivering products and services Just-in-Time*
- *Increase profitability by optimizing your organization's inventory investment*
- *Enhance your credibility among peers, employers, and customers.*

Who should earn the CPIM designation?

- *A CPIM education is essential for professionals involved in*
- *Production and inventory management*
- *Operations*
- *Supply chain management*
- *Procurement*
- *Materials management*
- *Purchasing*

CPIM Modules

Candidates must pass all exams for the following modules:

- *Basics of Supply Chain Management*
- *Master Planning of Resources*
- *Detailed Scheduling and Planning*
- *Execution of Operations-*
- *Strategic Management of Resources*

There are 2 certificates in the CPIM program

- *Candidates who pass the Basics of Supply Chain Management exam will receive a **Recognition of Achievement Certificate** to acknowledge their mastery of the fundamentals of supply chain management, approximately six weeks after receiving a passing score on the -exam.*
- *A candidate who passes all five CPIM exams attains the CPIM status and will receive a **personalized certificate Certified in Production & Inventory Management***

Approximately six weeks after receiving a passing score on the fifth exam

Basics of Supply Chain Management BSCM

Explore the basic concepts in managing the flow of materials in a supply chain. The BSCM is an introductory course for production and inventory management personnel and CPIM candidates. It provides basic definitions and concepts for planning and controlling the flow of material into, through, and out of an organization. It explains fundamental relationships among the activities that occur in the supply chain from suppliers to customers. Elements of the Supply Chain:

- *Business wide concepts:*
- *Organization Fundamentals*
- *Operation Environments*
- *Financial Fundamentals*
- *Manufacturing Resource Planning MRP II*
- *Just-in-Time (JIT)*
- *Total Quality Management (TQM)*

Demand Planning:

- *Marketplace Driven*
- *Customer Expectations and Definition of Value*
- *Customer Relationships*
- *Demand management*
- *Forecasting*
- *Capacity Management.*
- *Planning purposes, inputs & outputs*
- *Execution & Control*

Performance measurements.

- *Supply:*
- *Inventory management*
- *Purchasing*
- *Physical Distribution System*

Master Planning of Resources MPR

Explore the processes used to develop sales and operations plans and identify and assess internal and external demand and forecasting requirements. The course focuses on the importance of producing achievable master schedules, which are consistent with business policies, objectives, and resource constraints. MPR focuses on developing and validating a plan of supply, relating management of demand to environment and developing and validating the master schedule.

In addition, the course encompasses concepts for transforming sales, marketing and business requirements into a feasible and economic operations plan in various business environments. It also addresses concepts and methodologies for managing projected and actual demands from distribution networks and external customers.

Finally, the course presents methods for integrating sales and operations plans, demand forecasts, and customer demand into a specific master schedule.

Demand Management:

- *Relating demand management to the distribution environment.*
- *Forecasting Demand*
- *Recognizing and processing actual demand*

Sales and Operations Planning:

- *Relating the planning processes to the environment*
- *Understanding business choices that affect the aggregate planning process*
- *Developing and validating the sales and operations plan.*

Master Scheduling:

- *Measuring Business Performance*
- *Relating the master scheduling process to the business environment*
- *Understanding the business choices that affect the master schedule*
- *Constructing and implementing the master schedule*
- *Measuring the business plan.*

Detailed Scheduling and Planning DS&P

Focus on the various techniques for material and capacity scheduling. Study detailed descriptions of material requirements planning (MRP),

The course also covers material-dominated scheduling, a material planning technique which is applicable to process industries and other mature production environments. It explains capacity planning techniques, including processor-dominated scheduling. Planning material requirements to support the master schedule:

- *Recognizing techniques and practices of inventory management*
- *Identifying information used in the material planning process*
- *Maintaining the validity of the material plan*
- *Interactions with other systems*

Planning procurements and external sources of supply:

- *Establishing relationships with suppliers*
- *Techniques and concepts for supplier partnerships*
- *Implementing the new relationship to support the company's operational objectives*

Planning Operations to support the priority plan:

- *Recognizing the characteristics of the detailed capacity planning process*
- *Identifying information used in detailed capacity planning process*
- *Identifying characteristics of the detailed capacity planning process*
- *Uses of detailed capacity planning process*
- *Measuring the performance of the detailed capacity planning process*
- *Interactions with other systems*

Execution and Control of Operations ECO

This course encompasses the principles, approaches, and techniques needed to schedule, control, measure and evaluate the effectiveness of production operations. It addresses a broad base of production operations in a variety of production environments, including job shop, process plants, high-volume production facilities, and re-manufacturing. It also covers the execution of quality initiatives and continuous improvement plans as well as the control and handling of inventories. ECO presents the 3 phases of execution and control: prioritize, execute and evaluate.

Prioritizing and Sequencing Work to be performed:

- *Interfaces*
- *Production environment*
- *Scheduling production and Process Operations*
- *Executing Plans, implementing physical controls, reporting results of activities for pull systems*
- *Production status reports*
- *Communicating both internal & external customer supplier information*
- *Controlling resources*
- *Executing quality initiatives*
- *Eliminating waste*
- *Implementing continuous improvement plans.*

Evaluating performance and providing feedback:

- *Evaluating quality management processes*
- *Monitoring supplier performance*
- *Evaluating the performance of production operations*
- *Cost management processes*

Strategic Management of Resources SMR

In this course students explore the relationship of existing and emerging processes and technologies to manufacturing strategy and supply chain related functions. The course addresses three main topics aligning resources with the strategic plan, configuring and integrating operating processes to support the strategic plan and implementing change.

Aligning the resources with the strategic plan:

- *Competitive market issues*
- *Choices affecting facilities*
- *Choices affecting the supply chain*
- *Choices affecting information technology*
- *Choices affecting organisational design*

Configuring and integrating the operating processes to support the strategic plan:

- *Configuring and integrating the priority planning processes*
- *Configuring and integrating the capacity planning processes*
- *Configuring and integrating design and development processes*
- *Configuring and integrating cost management processes*

Implementing change:

- *Evaluating and managing projects*
- *Measuring organisational performance*
- *Managing change in a organisation*

For maximum comprehension of the SMR course content, students should be familiar with the information and concepts presented in the other CPIM modules before taking this course.

Course Materials:

Course materials used vary according to module. They usually consist of:

- *One or more mandatory and recommended text books;*
- *Our specially formulated handouts or workbooks, containing study references, readers, exercises and case studies.*

Course materials are available to students registered for one of our contact options. Please ask for the CPIM program bibliography.

Prerequisites:

Successful candidates must have academic level critical thinking skills. They must have a working knowledge of English in order to understand the English study materials and exams. A minimum of pre-college or pre-university algebra, mathematics and calculus is also a prerequisite.

Course-Load:

Students are required to spend an average of approximately 15 to 30 hours of individual tt per module, depending on their number of contact hours, education level and work experience.

Course duration:

Students complete the program in their own pace. But years of experience have shown that students who speed up can graduate from the program within approximately 9 months.

Registration:

Students may register for the complete training program or for each individual module. Depending on their educational needs, they may also register for specific module(s) needed. Individuals not requiring any study contact are also eligible to register for individual exams.

Exams:

BSCM, MPR, DSP, ECO and SMR modules are completed after passing a written examination. Candidates are presented with a number of multiple-choice questions. Only candidates who have successfully passed the 5 prerequisite exams are eligible to receive the CPIM certificate. The individual exams may be taken on 4 different occasions throughout the year. In the Netherlands at Utrecht. For information on international testing outside the Netherlands and information on examination dates www.proqua.nl, call **0031(0)73 6218548** or e-mail office@proqua.nl

Placement:

In general, students are placed in the course groups, modules and locations they request.

However, if the number of registrants for a certain course location and/or course module does not meet our predetermined minimum standard, we reserve the right to place students in different locations or to place them in other modules that are part of their curriculum.

Quality:

Continual improvement and maintaining our market focus while guaranteeing the quality of our education is our main goal.

ProQua stands for **Professional Quality**

Feel free to contact ProQua: for additional information on contents, organizational details, conditions and registration:

- *Overview of Services*
- *Contents of Modules*
- *Pricing*
- *Schedule*
- *Text books and study materials*
- *Registration*

Website:

In the dynamic field of logistics, information needs to be available 24/7. Therefore, please visit our website at www.proqua.nl for the latest information on our courses and programs. Module 1: Basics of Supply Chain Management CPIM Study options at ProQua

CPIM Study options at ProQua

1. CPIM instructor-led format

The instructor-led format combines the APICS CPIM Learning System with the leadership of a qualified instructor, peer collaboration, company networking, and a structured, set schedule to keep participants on track.

Who should choose for the instructor led-format? Those candidates who

- *Prefer to learn in a structured classroom setting*
- *Need a set schedule to keep them on track*
- *Enjoy peer discussion and live instruction from a qualified instructor*
- *Have the desire to compare ideas and notes with individuals in other companies who are addressing the same challenges*
- *Are located in an area where instructor-led classes are available.*

The benefits are

- *Convenient hours: Offered after work or on weekends, the courses are an attractive option for busy professionals who would like a structured classroom format.*
- *Company/employee tuition reimbursement: Many organizations offer a tuition reimbursement program for continuing education courses.*
- *Networking opportunities: Learn from instructors and colleagues who have a variety of industry experiences to share.*
- *Paced courses: Classroom expectations and assignments provide a framework for learning the materials in a set time frame.*
- *Clarification and discussion: The classroom setting provides a forum to discuss difficult topics.*

2. CPIM self -study

APICS offers a variety of self-study resources to help you prepare for the CPIM exams.

Who should choose the self-directed option?

The self-directed programs are ideal for professionals who

- *Have very busy and/or unpredictable schedules and therefore need a flexible study option*
- *Prefer to study on their own—at their own pace*
- *Have the commitment and drive to stay on track with their studies*
- *Do not have access to instructor- led or corporate group training.*

The benefits are

- *Study at your own pace and access the program anytime.*
- *Eliminate travel expenses.*
- *Minimize time away from the office.*
- *Develop an individualized study plan.*

3. CPIM In-Company Education

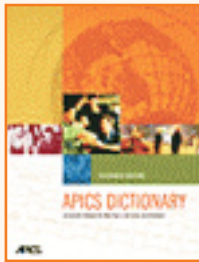
For companies seeking to train 7 or more employees, ProQua in-company training is the ideal solution. In- company training helps companies excel by providing uniform instruction at a reasonable price, eliminating the cost and lost time spent on travel and accommodation and minimizing the disruption in workflow by selecting a convenient time and location.

ProQua will supply experienced instructors and participant materials, you will supply suitable training facilities.

So; in close partnership with you we will create a training solution that is specific to your needs and objectives

Required CPIM literature / Study Materials

All modules:



APICS Dictionary

Eleventh Edition

John H. Blackstone Jr., Ph.D., CFPIM and James F. Cox III, Ph.D., CFPIM, CIRM

126 pp, 2004

The APICS Dictionary is the standard for defining terms used in the operations management field. Use this powerful tool to expand your professional vocabulary and ensure that everyone on your team is speaking the same language. The 11th edition contains more than 3,500 important industry terms.

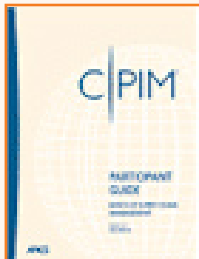


APICS 2007 CPIM Exam Content Manual

APICS, 80 pp, 2007

The CPIM Exam Content Manual provides an overview of each module, an outline of its body of knowledge, and references. Each outline is divided into major topic areas, and the relative emphasis of each of the topics is indicated by a percentage figure. A list of key terminology for each area is included, along with illustrative questions for each module. The APICS Dictionary is a unique reference defining the terms that resource management professionals use every day. These APICS reference materials are not the only references you need to prepare for CPIM exams, but they should be the first.

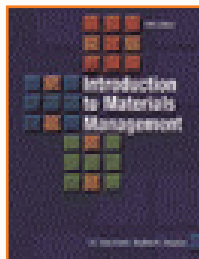
Module: Basics of Supply Chain Management



Basics of Supply Chain Management - Participant Workbook

Version 2.2 by APICS, 2006

Basics of Supply Chain Management covers basic concepts in managing the complete flow of materials in a supply chain. In Basics you get a complete overview of material flow, from internal and external suppliers, to and from your organization. Review courses are not for self-study but must be facilitated by an instructor in a classroom review course. Each Participant Workbook includes a Practice Questions CD.



Introduction to Materials Management

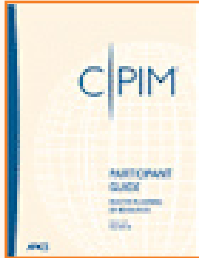
Fifth Edition

J.R. Tony Arnold, CFPIM, CIRM, and Stephen N. Chapman, CFPIM

480 pp, 2004

This book is an introductory text that describes the basics of supply chain management, manufacturing planning and control systems, purchasing, and physical distribution. New features of this edition include enhanced coverage of performance metrics, ERP, supply chain approaches and implications, lean production fundamentals, and basic scheduling rules.

Module: Master Planning of Resources

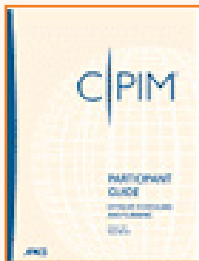


Master Planning of Resources - Participant Workbook

Version 3.1 by APICS, 2006

Candidates explore processes used to develop sales and operations plans, and identify and assess internal and external demand and forecasting requirements. The course focuses on the importance of producing achievable master schedules that are consistent with business policies, objectives, and resource constraints. Review courses are not for self-study but must be facilitated by an instructor in a classroom review course. Each Participant Workbook includes a Practice Questions CD.

Module: Detailed Scheduling and Planning

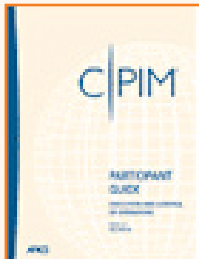


Detailed Scheduling and Planning - Participant Workbook

Version 3.1 by APICS, 2006

Candidates focus on the various techniques for material and capacity scheduling. The course includes detailed descriptions of material requirements planning (MRP), capacity requirements planning (CRP), inventory management practices, and procurement and supplier planning. Review courses are not for self-study but must be facilitated by an instructor in a classroom review course. Each Participant Workbook includes a Practice Questions CD.

Module: Execution and Control of Operations

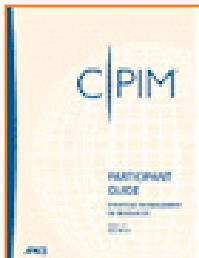


Execution and Control of Operations - Participant Workbook

Version 2.2 by APICS, 2006

Candidates focus on the areas of prioritizing and sequencing work, executing work plans and implementing controls, reporting activity results, and providing evaluating feedback on performance. The course explains techniques for scheduling and controlling production processes, the execution of quality initiatives and continuous improvement plans, and the control and handling of inventories. Review courses are not for self-study but must be facilitated by an instructor in a classroom review course. Each Participant Workbook includes a Practice Questions CD.

Module: Strategic Management of Resources



Strategic Management of Resources - Participant Workbook

Version 1.3 by APICS, 2006

Strategic Management of Resources explores the relationship of existing and emerging processes and technologies to manufacturing strategy and supply chain-related functions. The course addresses three main topics: aligning resources with the strategic plan, configuring and integrating operating processes to support the strategic plan, and implementing change. Review courses are not for self-study but must be facilitated by an instructor in a classroom review course. Each Participant Workbook includes a Practice Questions CD.

Resources for CPIM recommended by APICS and ProQua.

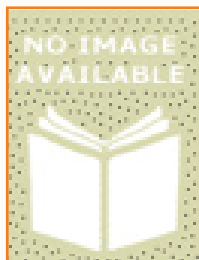
Module: Basics of Supply Chain Management



Basics of Supply Chain Management Reprints

APICS, 2006

The CPIM Reprints are compilations of articles on various topics and subtopics covered in the five modules of the CPIM curriculum. Selected by members of various APICS Curricula and Certification Council subcommittees, the articles and case studies provide both theoretical and practical perspectives to help candidates gain greater understanding when preparing for CPIM exams



Practice questions BASICS (incl. answers and explanations)

ProQua, ca. 300 questions

Module: Master Planning of Resources



Master Planning of Resources Reprints

APICS, 116 pp

The CPIM reprints are compilations of articles on various topics and subtopics covered in four modules of the CPIM curriculum. Selected by members of various APICS Curricula and Certification Council committees, the articles and case studies provide both theoretical and practical perspectives to help candidates gain greater understanding when preparing for CPIM exams.



Distribution: Planning and Control

Managing in the Era of Supply Chain Management

Second Edition, David Frederick Ross, CFPM, 840 pp, 2004

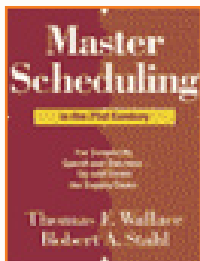
This second edition provides manufacturers, distributors, and retailers with an updated approach for implementing effective distribution and planning control systems in the 21st century. Following the central core of the first edition, the book uses a business model that views the various functions of the enterprise, from top management planning to detailed inventory management, warehousing, and customer management, as a single, integrated, customer-satisfying entity. Based on this model, the author demonstrates how the tremendous opportunities posed by the advent of new factors such as the Internet, collaborative channel synchronization, and the concept and practice of supply chain management have dramatically altered and broadened the science of distribution and logistics.



Manufacturing Planning and Control Systems for Supply Chain Management

Fifth Edition, Thomas E. Vollmann, CFPIIM, William L. Berry, D. Clay Whybark, and F. Robert Jacobs, 598 pp, 2005

Vollmann, Berry, Whybark, and Jacobs' *Manufacturing Planning and Control Systems* provides comprehensive real-world coverage of the concepts, tools, and methods used to manage and control manufacturing systems. This revised edition explores ERP system coverage and the impact of these systems in the field. Each chapter provides a managerial issues overview, a detailed technical presentation, examples of company implementations, and concluding principles. This book is intended primarily for classroom use. Answers to the questions posed in the text are available only through an instructor. This is a primary reference for the modules MPR and ECO.



Master Scheduling in the 21st Century

Thomas F. Wallace and Robert A. Stahl, 224 pp, 2003

The manufacturing world is moving to simplicity and speed-and so must master scheduling. This book covers the basics of master scheduling and explores its use in today's advanced environments such as lean manufacturing, vendor-managed inventories, continuous replenishment, and others. Clear, concise, and very readable, this book is a valuable introduction to master scheduling for people new to the topic and an important update for experienced practitioners.

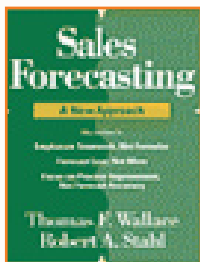


Sales and Operations Planning

The How-To Handbook, Second Edition

Thomas F. Wallace, 198 pp, 2004

Sales and operations planning (S&OP) is a powerful business planning process that integrates sales and marketing, operations, product development, and finance. Wallace's book describes how S&OP works and lays out a detailed project plan for making it happen. This indispensable handbook covers all aspects of a successful implementation, from the composition of the executive S&OP team to the nitty-gritty of S&OP spreadsheet design.

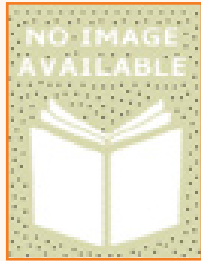


Sales Forecasting

A New Approach

Thomas F. Wallace and Robert A. Stahl, 184 pp, 2002

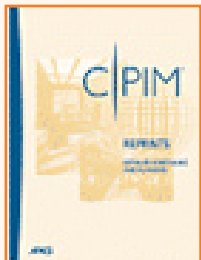
A companion book to Sales and Operations Planning, this book represents a new-some may say radical-approach to forecasting. The authors explain how forecasting less, not more, can yield better customer service and more inventory turns. They emphasize that teamwork, good communications, and clear accountabilities are more important than complex statistical forecasting models. They demonstrate how forecasting is a process and as such can be improved using standard techniques for process improvement. This book supports the belief that it's more beneficial to pursue process improvement than to focus narrowly on forecast accuracy.



Practice questions MPR (incl. answers and explanations)

ProQua, ca. 300 questions

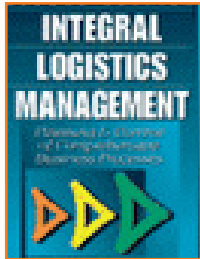
Module: Detailed Scheduling and Planning



Detailed Scheduling and Planning Reprints

APICS, 220 pp

The CPIM reprints are compilations of articles on various topics and subtopics covered in four modules of the CPIM curriculum. Selected by members of various APICS Curricula and Certification Council committees, the articles and case studies provide both theoretical and practical perspectives to help candidates gain greater understanding when preparing for CPIM exams.

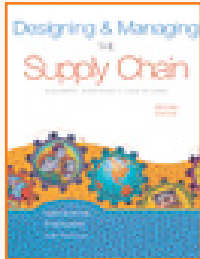


Integral Logistics Management

Planning and Control of Comprehensive Supply Chains

Second Edition, Paul Schonsleben, 992 pp, 2004

This second edition emphasizes integral analysis and design covering logistics networks through the entire production process from the end-user and back again. The author examines business objectives and methods in detail. Along with the familiar concepts of production planning and control systems, the author discusses the integration of planning and control in research and development (R&D). This book provides an understanding of logistics and handles both classical and novel approaches to nonrepetitive production. The book also contains the most recent trends in supply chain management, virtual organizations, and agile companies plus Just-in-Time (JIT), enterprise resources planning (ERP), and manufacturing resource planning (MRP II).

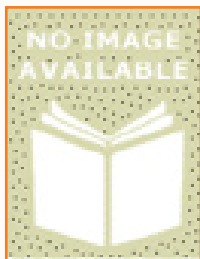


Designing and Managing the Supply Chain

Concepts, Strategies, and Case Studies

Second Edition, David Simchi-Levi, Philip Kaminsky, and Edith Simchi-Levi, 321 pp, 2003

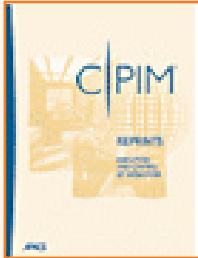
Designing and Managing the Supply Chain discusses the problems, models, and concepts derived from issues related to effective supply chain management. This text is suitable for both academic study and practicing professionals. While many core supply chain management issues are interrelated, the authors have tried to make each chapter as self-contained as possible so that the reader can refer directly to chapters covering topics of interest. Each chapter uses case studies and numerous examples. Mathematical and technical sections can be skipped without loss of continuity. The accompanying CD-ROM also provides two simulations, the Computerized Beer Game and the Risk Pool Game, and a computerized tool for developing and executing supply chain contracts.



Practice questions DS&P (incl. answers and explanations)

ProQua, ca. 300 questions

Module: Execution and Control of Operations



Execution and Control of Operations Reprints

APICS, 148 pp

The CPIM reprints are compilations of articles on various topics and subtopics covered in four modules of the CPIM curriculum. Selected by members of various APICS Curricula and Certification Council committees, the articles and case studies provide both theoretical and practical perspectives to help candidates gain greater understanding when preparing for CPIM exams.

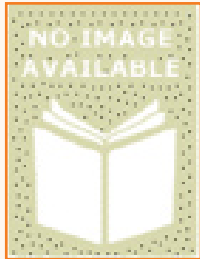


Capacity Management

John H. Blackstone Jr., CFPIM

273 pp, 2002

This text covers the traditional areas of production planning, master scheduling, long-term capacity planning, capacity requirements planning, input/output control, operations scheduling, and dispatching. Topics such as capacity planning for adjunct resources, synchronized production, stochastic line balancing, and performance measurements also are discussed. Simulation models, exercises, problems, and case studies are used extensively to demonstrate the principles and issues related to planning capacity effectively. PC-format, 3 1/2" disk included.



Just-in-Time: Making It Happen

Unleashing the Power of Continuous Improvement

William A. Sandras Jr., CFPIM, 366 pp, 1989

This hands-on guide to implementing JIT and total quality control in your manufacturing operations will show you how to work through a JIT implementation and overcome all possible obstacles in your path. In addition, you'll get practical advice on how to organize the implementation team, develop a working kanban system, restructure the shop floor, reduce and avoid setups, create more efficient links to suppliers and customers, overhaul accounting practices, develop empowered work teams, and measure performance.



Production and Inventory Management

Second Edition, Donald W. Fogarty, CFPIM, Ph.D, John H. Blackstone Jr., CFPIM, Ph.D, and Thomas R. Hoffmann, CFPIM, CIRM, Ph.D, 870 pp, 1991

This comprehensive introduction to P&IM principles, techniques, and systems covers the basics of the key industry topics, including planning, inventory management, implementation and control, operations research techniques, and models. This second edition includes many greatly enhanced sections on manufacturing issues, including JIT, simulations, the P&IM environment, capacity management, and MRP II. Intended primarily for classroom use, answers to the questions posed in the text are available only through a qualified instructor.

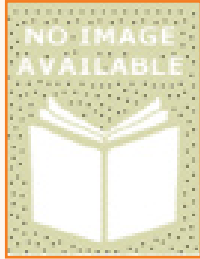


Quality Planning and Analysis

From Product Development through Use

Fifth Edition, J. M. Juran and Frank M. Gryna, 774 pp, 2007

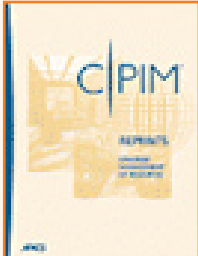
With a focus on external and internal customers in both manufacturing and service industries, this book offers broad coverage of the many activities necessary for an organization to achieve satisfied customers and superior quality. The text covers the impact of quality on all organizational activities, taking a systems approach while discussing quality activities in 11 functional areas of an organization. Discover the concepts and techniques of quality that can lead your organization to higher sales income and lower internal costs.



Practice questions ECO (incl. answers and explanations)

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Module: Strategic Management of Resources



Strategic Management of Resources Reprints

APICS

232 pp, 2001

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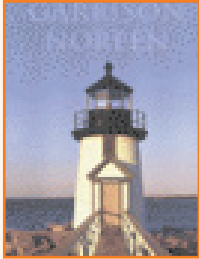


Harvard Business Review Strategic Management of Resources Readings

Harvard Business Review

256 pp

The APICS Curricula and Certification Council Strategic Management of Resources Committee has selected a collection of articles from the Harvard Business Review as an excellent reference book.



Managerial Accounting

Eleventh Edition, Ray H. Garrison and Eric W. Noreen

880 pp, 2006

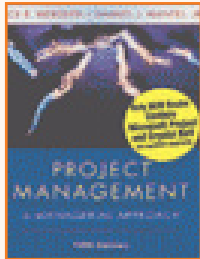
Garrison and Noreen are your guides through the challenging waters of managerial accounting. This book identifies the three functions managers must perform within their organizations: planning operations, controlling activities, and making decisions. This book explains what accounting information is necessary for these functions, how to collect it, and how to interpret it. Managerial Accounting focuses on the importance of relevance, balance, and clarity. This is a primary reference for the modules DS&P and SMR.



Operations Strategy with APICS Special Edition

Nigel Slack and Michael Lewis and APICS, 2004,

This product includes Operations Strategy by Slack and Lewis, and an APICS Special Edition supplement which contains selected material from a variety of sources dealing with operations and manufacturing strategy. The supplement has been published exclusively for APICS and is not available through any other vendor. These two titles are not sold individually through APICS.



Project Management

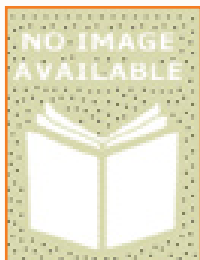
A Managerial Approach

Sixth Edition, Jack R. Meredith and Samuel J. Mantel, Jr.

666 pp, 2006

Project Management: A Managerial Approach addresses project management from a management perspective rather than as a cookbook, special area treatise, or collection of loosely associated articles.

It addresses the basic nature of managing all types of projects-public, business, engineering, information systems, and so-on as well as specific techniques and insights required to carry out this unique way of getting things done. It deals with the problems of selecting projects, initiating them, and operating and controlling them.



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