

PROFESSIONAL ORGANIZATION CERTIFICATE SERIES

Production and Inventory Control

Management Development Center

DePaul University

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Production and Inventory Control

Who Should Attend?

The production and inventory control certificate program is for middle managers, upper middle managers, staff personnel and consultants currently charged with inventory and production responsibilities. Professionals with at least two-years of hands-on experience in a production/inventory management environment will benefit most from attending this program.

Why Production and Inventory Control?

The certificate in Production and Inventory Control is a comprehensive and concise 30-week program that is consistent with the American Production and Inventory Control Society (APICS) body of knowledge . This program is designed to provide you with an in-depth understanding of the major components and related issues of a modern supply chain and manufacturing planning & control systems.

This program is taught by DePaul University's faculty that possess strong industry experience in the field of production and inventory management. Although this is a DePaul program, each student will receive the new APICS certification student guide for each module.

The Goals

This program draws on the professional body of knowledge in the field of production and inventory control. Its objective is to convey this knowledge and reinforce a thorough understanding of the material through lecture, discussion, assigned homework and case studies. Through the production and inventory certificate program, you will:

- **Develop** a thorough understanding of the components and related implementation issues of a modern supply chain and manufacturing planning and control system.
- **Attain** how these components fit into the overall business and manufacturing plans of an organization.
- **Acquire** problem solving and analytical skills through the use of quantitative techniques.
- **Understand** production and inventory control performance and organizational skills.

The Topics

During this 30-week program, you will explore the topics relevant to production and inventory control, including:

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Module 1 - Basics of Supply Chain - Take an introductory look at the elements and constraints businesses face when managing the complete flow of materials from end suppliers through to end customers in today's increasingly challenging and changing marketplace.

Module 2 - Master Planning of Resources - Learn the available methodologies and planning tools used to handle the strategic and tactical facets of business planning.

Module 3 - Detailed Scheduling and Planning - Learn the available methodologies and operational planning and scheduling tools used to transition higher-level plans into day-to-day operational requirements for business.

Module 4 – Execution and Control of Operations - Take your knowledge of planning to the execution level and learn available methodologies to effectively manage the shop floor to meet your higher-level business goals.

Module 5 - Strategic Management of Resources - Take all of the knowledge discussed in the previous modules and apply them in this capstone module.

Outcomes

- **Meet and Network** with other production and inventory control professionals, business leaders and DePaul University faculty.
- **Develop** and fine-tune your supply chain, manufacturing, and operations management skills.
- **Comprehend** the role production and inventory control plays in an effective corporate strategy.

Program Dates

Location/Times

Spring 2002

O'Hare Campus

Monday nights 6:15 p.m.- 9:15 p.m.

April 1 – November 4, 2002.

Campus Locations

O'Hare Campus

DePaul University

3166 S. River Road

Des Plaines, IL 60018-4204

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Faculty

DePaul University's Management Development Center features faculty from DePaul's Department of Management, who teach in conjunction with their strong business experience as business professionals from the Chicagoland area.

Faculty Expertise

Steven Yniguez, CPIM

Steven Yniguez is a Business Solutions Consultant for IFS North America, one of the leading eBusiness software solution providers in the industry. Steven has a strong background in implementation and consulting experience in a variety of manufacturing and distribution environments. He offers several years of operations management experience and brings real-life examples to the classroom. In addition to his industry experience, Steven has served as a Director for the Chicago Chapter of APICS and is the Lead Instructor for this program. Through his hands-on industry experience and involvement with APICS, Steven offers a solid understanding of supply chain and manufacturing issues in today's industry.

Terry N. Horner, CFPIM, MBA

Terry Horner's more than 20 years of industry experience covers major manufacturing organizations, management consulting, software organizations and professional education, all of which contribute to his extensive knowledge of major enterprise resource planning (ERP) implementations. He is currently a Manufacturing Project Manager for McCook Metals, LLC, a major aluminium processor and supplier to the aerospace industry and NASA. He earned his MBA in operations management from the Illinois Institute of Technology.

Rajen Parekh, CFPIM, CIRM

Rajen Parekh is a Project Manager at 3Com. Prior to joining 3Com, he was a Project Manager with US Robotics. He has over sixteen years of industry and consulting experience in manufacturing and implementing ERP/MRP II Enterprise Resources Planning and Manufacturing Resource Planning systems. Mr. Parekh has held a variety of operations and management positions in the manufacturing industry, marketing and consulting such as Applications Consultant, Management Consultant, Manager of Production and Inventory Control and Inventory Analyst. He is a Certified Fellow CFPIM of American Production and Inventory Control Society.

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Lori Cook, Ph.D.

Dr. Cook is an Assistant professor of Operations management in Kellstadt Graduate School Of Business, DePaul University. She received her B.S., M.Eng. and Ph.D. in Industrial Engineering from the University of Louisville. She previously taught at Southern Polytechnic State University in Marietta, Georgia. She also served as the coordinator for the Master of Science in Quality Assurance (MSQA) graduate program. In addition to teaching she has been involved in consulting and educational activities for various companies. She has held engineering positions with both Armco eastern Steel Division and Kentucky Fried Chicken Corporation. Her current research interests include quality and process improvement, quantitative research methods and operations strategy.

Al Drewno, CPIM

Al Drewno has over 26 years in the Manufacturing, Systems and Materials Management area primarily for Allegiance Healthcare, a leading manufacturer and distributor of health care products worldwide. He is currently Director of Business Integration for Allegiance, and previously has held the positions of Director of Global Sourcing, Director of Materials Management Systems, Plant Manager and Senior Manufacturing Consultant. Al received his degree in Operations Management from Northern Illinois University and is a CPIM through the American Production and Inventory Control Society, (APICS).

The Cost

Option One - The entire program must be paid for prior to the program start date, at a cost of \$3,700.

Option Two - Individual modules may be taken for a fee of \$800 each. Tuition is due at the start of the module.

Textbooks and materials are included. Tuition deferment options are no longer available.

Refunds will be granted on a pro-rated basis determined according to the MDC student handbook, less an administrative fee of \$150.

