Production and Inventory Management
Preparation for CPIM body of knowledge and certification credential

Gain cutting-edge skills from APICS certified training professionals through any combination of courses. Or select to pursue APICS Certified in Production and Inventory Management credential.

- Acquire functional knowledge of production and inventory management
- Maximize ROI on the systems and technologies within the organization
- Effectively manage global supply chain activities
- Demonstrate knowledge of ERP software principles to cover various critical functions within the organization
- Deliver Lean/Just-in-Time products and services for maximum customer satisfaction

Job Prospects
Employment of industrial production managers is projected to grow 9 percent from 2010 to 2020. Applicants with experience in production occupations, along with a college degree, will enjoy the best job prospects. Employers also are likely to seek candidates who have excellent communication skills and related work experience and who are personable, flexible, and eager to enhance their knowledge and skills through ongoing training.

Earnings: 2010 Median Pay was $87,160/year or $41.91/hour
US Department of Labor, Bureau of Labor Statistics

Program Courses
NCBU098G Basics of Supply Chain Management
NCBU106G Master Planning of Resources
NCBU102G Detailed Scheduling and Planning
NCBU105G Execution and Control of Operations
NCBU110G Strategic Management of Resources

Who Should Attend?
Professionals in Manufacturing, Healthcare and Service industries who want to increase their skills in: Inventory Management, Supply Chain Management, Procurement, Materials Management, and Purchasing

Ask about job training funds to help pay for this training
For more information please contact:
Great Bay Community College
Business & Training Center
(603) 427-7651
greatbaybtc@ccsnh.edu
Course Curriculum

NCBU098G Basics of Supply Chain Management
Manage the complete flow of materials in a supply chain from suppliers to customers:
  - Introduction to Supply Chain Management
  - Demand Management and Forecasting Techniques
  - Priority and capacity planning at the Master Planning, MRP and PAC levels
  - Aggregate and Item Inventory Management
  - Purchasing and Physical Distribution
  - Lean/JIT, Quality Systems and Theory of Constraints

NCBU106G Master Planning of Resources
Produce achievable master schedules, develop sales and operations plans and identify and assess internal and external demand and forecasting requirements:
  - Demand Management
  - Sales and Operations Planning
  - Master Scheduling
  - Measuring Business Performance

NCBU102G Detailed Scheduling and Planning
Develop techniques for material and capacity scheduling. Realize detailed descriptions of material requirements planning (MRP), capacity requirements planning (CRP), inventory management practices, and procurement and supplier planning:
  - Techniques and Practices of Inventory Management
  - Mechanics of the Detailed Material Planning Process
  - Planning Operations to Support the Priority Plan
  - Planning Procurement and External Sources of Supply

NCBU105G Execution and Control of Operations
Prioritize and execute work plans. Schedule and control production processes. Execute quality initiatives and continuous improvement plans, and the control and handling of inventories:
  - Prioritizing and Sequencing Work
  - Executing Plans and Implementing Controls
  - Authorizing and Reporting Activities for Push and Pull Systems
  - Evaluating Performance and Providing Feedback

NCBU110G Strategic Management of Resources
Implement change! Align resources with the strategic plan while configuring and integrating operating processes to support it.
  - Competitive Market Issues
  - Choices Affecting Facilities, Supply Chain, Information Technology, and Organizational Design
  - Configuring and Integrating Internal Processes
  - Evaluating and Managing Projects

Additional Resources:
  - APICS, the Association for Operations Management: http://www.apics.org
  - American Society for Quality: http://www.asq.org

AMPed NH is sponsored by (or in part by) a $19.97 million grant from the U.S. Department of Labor, Employment & Training Administration TAACCCT Grant #TC-22504-11-60-A-33. The Community College System of NH is an equal opportunity employer, and adaptive equipment is available upon request to persons with disabilities.