

THE APICS CERTIFIED IN PRODUCTION AND INVENTORY MANAGEMENT (CPIM) PROGRAM

The CPIM program is the strategic advantage you need in today's world, where the rate of organizational and technological change is accelerating exponentially. Just as successful companies have adapted to the changing business environment, the CPIM program has changed over the years to keep up with current knowledge and practices. The CPIM program consists of five modules, and an individual must pass all five modules to become certified.

Participant Profile

These courses are appropriate for professionals with experience in or academic knowledge of production and inventory management who would like to gain knowledge of standards and those who wish to review the important concepts in preparation for the APICS CPIM exams.

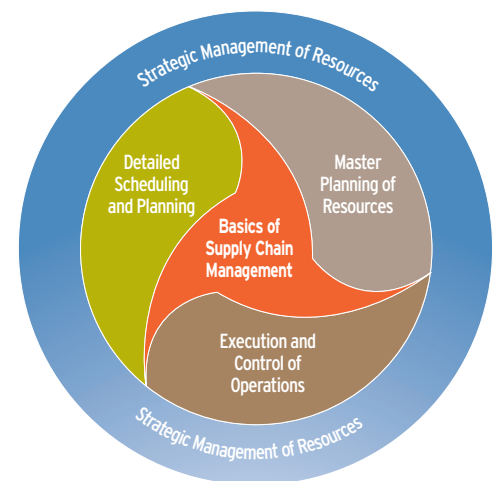
The APICS CPIM Modules

Module 1: Basics of Supply Chain Management Entry Module

The basic concepts in managing the complete flow of materials in a supply chain from suppliers to customers are covered in the Basics module. Supply chain concepts are introduced and standard terminology emphasized, as are 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 related topics in greater depth.

Module 2: Master Planning of Resources Core Competency Module

The topics of demand management, sales and operations planning, and master scheduling are thoroughly examined in this module. Both supply and demand planning for mid- to long-term independent demand are discussed. Priority planning and capacity planning issues also are addressed.



Module 3: Detailed Scheduling and Planning Core Competency Module

Completely Updated for 2010. This course focuses on inventory management, material and capacity scheduling and planning, supplier relationships, and the influence of lean/JIT philosophies in these areas. It explains the use of a material dominated scheduling technique, material requirements planning, in job shop, batch, and certain repetitive processes. The course explains capacity planning in detail, introduces other capacity-planning techniques such as processor-dominated scheduling in continuous flow processes, and reviews project management techniques.

Module 4: Execution and Control of Operations Core Competency Module

The principles, approaches, and techniques needed to schedule, control, measure, and evaluate the effectiveness of production operations are covered in this module. A broad range of production operations are reviewed including project, batch, line, continuous, and remanufacturing environments.

Module 5: Strategic Management of Resources Capstone Module

Completely updated for 2010. In this course, participants explore the relationship between strategic planning and the management and execution of operations. The course fosters higher-level thinking about how market requirements and social and economic sustainability drive the operations, processes, and resource requirements of businesses. The course addresses three main topics: understanding the business environment, developing the operations strategy, and implementing the operations strategy.

