



2008/2009 Schedule of classes

Certified Supply Chain Professional (CSCP) Review Course

To earn the APICS CSCP designation, eligible candidates must pass the comprehensive APICS CSCP exam. This course combines all the tools included in the APICS CSCP Learning System with the knowledge and guidance of an instructor. The CSCP program takes a broad view of the field, extending beyond internal operations to encompass all the steps throughout the supply chain- from the supplier, through the company, to the end consumer- and how to effectively manage the integration of these activities to maximize the company's value chain. Advantages of the instructor lead review course:

- Effective preparation for the APICS CSCP certification exam, the premier designation for the operations and supply chain profession
- Networking opportunities with peers from a variety of industries
- Convenient hours and a paced course for busy professionals
- Intensive instruction from an APICS certified instructor

The APICS Certified Supply Chain Professional (CSCP) designation is designed for professionals interested in increasing their knowledge of supply chain management, those currently working in the field of supply chain management, professionals consulting or teaching supply chain functions; and for those individuals working with enterprise resources planning systems. Modules will focus on:

- Supply Chain Management Fundamentals
- Building Competitive Operations, Planning, and Logistics
- Managing Customer and Supplier Relationships
- Using Information Technology to Enable Supply Chain Management

Certified Supply Chain Professional (CSCP)

BUS 2003 - Friday/Oct 10, Oct 24, Nov 7, Nov 21 8:00am -5:00 p.m.

Certified Production and Inventory Manager (CPIM)

Exam Prep Courses

The APICS Certified Production and Inventory Manager (CPIM) certification has been an industry standard since 1973. Nearly 90,000 professionals have earned the APICS CPIM designation and it is perhaps the most widely sought-after certification in the operations management field. When professionals in the fields of operations management, production and inventory management, supply chain management, procurement, materials management and purchasing earn the APICS CPIM designation, they demonstrate their commitment to acquiring the most current industry knowledge available for professional advancement and service to their organizations. The CPIM is right for you if you are:

- A production and inventory management professional
- Involved in your company's operations management
- Getting started as a supply chain management professional
- Gaining expertise in materials management

To earn your CPIM designation you must pass five exams that our classes prepare you for, they are:

- Basics of Supply Chain Management (BSCM)
- Master Planning of Resources (MPR)
- Detailed Scheduling and Planning (DSP)
- Execution and Control of Operations (ECO)
- Strategic Management of Resources (SMR)

Two course types exist:

Fast Track CPIM

- Basics of Supply Chain Management (BSCM) BUS 201 ÷ ÷ ÷ W/Aug 06/ 8:00-5:00 p.m.
- Master Planning of Resources (MPR) BUS 202 ÷ ÷ ÷ W/Aug 27/ 8:00-5:00 p.m.
- Detailed Scheduling and Planning (DSP) BUS 203 ÷ ÷ ÷ W/Sep 17/ 8:00-5:00 p.m.
- Execution and Control of Operations (ECO) BUS 204 ÷ ÷ ÷ W/Oct 08/ 8:00-5:00 p.m.
- Strategic Management of Resources (SMR) BUS 205 ÷ ÷ ÷ W/Oct 29/ 8:00-5:00 p.m.

\$355 each with complementary material, does not include exam

Easy to schedule 8 hour, one day form factor

Hands on learning experience re-enforced with self-study training to prepare for the exam

Designed for the experienced operations manager looking to show their knowledge

Great for experienced managers who interface with operations management but are non-operations personnel

Excellent to implement in a team learning environment

CPIM Committee Course

Basics of Supply Chain Management (BSCM) 10 meetings

BUS 206 R/Aug 7-Oct 9th/ 9:00am-noon

Master Planning of Resources (MPR), 8 meetings

BUS 207 R/Oct 23rd . Nov 18th (thanksgiving off)/9:00am-noon

Detailed Scheduling and Planning (DSP), 9 meetings

BUS 208 Spring

Execution and Control of Operations (ECO), 9 meetings

BUS 209 Spring

Strategic Management of Resources (SMR), 9 meetings

BUS 210 Spring

- Designed by the original APICS CPIM Committee
- Great for students accustomed to the traditional lecture style environment
- \$485 with complementary materials, does not include exam
- Eight to ten meeting for 3 hours each per course

Fundamentals of Materials and Operations Management Courses

The Fundamentals courses offer an exciting opportunity for professionals and associates new to materials and operations management. The Fundamental courses introduce essential material requirements, planning, and strategic decision making. Fundamentals participants are typically involved in: inventory control, planning, manufacturing control, and operations management.

Format: each course is designed to be taken independently as 12 sessions of 3 hours each, 36 total contact hours Pricing: \$350 with complementary material, certificate are issued.

Fundamentals of Inventory Control BUS 211

This course introduces essential vocabulary and skills in identifying and applying the basic principles of inventory management. Basic methods of planning and controlling inventory in manufacturing, institutional distribution, and retail environments are covered.

- Provide a fundamental understanding of inventory management principles and techniques
- Examine inventory control roles and responsibilities and their impact on a business.

Fundamentals of Planning BUS 212

This course introduces participants to the principles of effective planning and presents the concepts of planning at each level, from strategic to tactical. Participants work together to solve problems, develop plans, build teams, and present solutions. Through this course, participants will learn the essential ingredients of effective planning and have an opportunity to practice and enhance their own planning skills.

- Provide a fundamental knowledge and understanding of basic planning principles and techniques that are used at each level in the planning process
- Discuss practical examples and exercises to improve planning and presentation skills

Fundamentals of Manufacturing Control BUS 213

This course deals with priority and capacity management through the use of material requirements planning (MRP), capacity management, capacity requirements planning (CRP), production activity control (PAC), and Just-in-Time (JIT). This course explores the execution of the production plan and master production schedule, reactions to capacity constraints, and maintenance of individual order control.

- Provide a fundamental understanding of priority and capacity management

Fundamentals of Materials Handling and Warehousing BUS 214

This course is designed for people working in the fields of materials or operations management who need to learn the basic concepts, techniques, and terminology of material handling and warehousing activities in an organization. Techniques of materials control, effective warehousing, and the use of appropriate materials handling equipment are covered. Completion of this course will significantly improve the participant's knowledge of materials handling and warehousing and can be used in the working environment.

Fundamentals of Operations Management BUS 215

This course is concerned with the design of systems to produce goods and services and the operation of those systems. It discusses relationships within the company environment, particularly with ordering and distribution systems. Topics covered include cost analysis, project planning, facilities planning, total quality management (TQM), and operations resource management.

- Provide an understanding of operations resource management and the factors involved in designing and operating a production process

Introduction to Enterprise Resources Planning Course BUS 216

Format: 8 sessions, 3 hours each

Price: \$460 with materials

Introduction to Enterprise Resources Planning (ERP) presents material essential to the successful implementation of an ERP system. The course covers the historical evolution of ERP. It provides a foundation for understanding the process integration of business wide functions required and supported by an ERP implementation, as well as the benefits accrued from an implementation. In addition, the course addresses the strategic organizational considerations and requirements for creating and sustaining a learning organization that is receptive to change and to the placement of an ERP system in the supply chain. The course concludes with strategies and methodologies to execute and expand beyond an ERP implementation.

- É Describe the concept of ERP and the ERP model and explain the transition from MRP to ERP
- É Quantify the need for change and examine the ROI for an ERP system
- É Explain how ERP is used to integrate business processes
- É Describe the elements of a value chain and explain how three core processes relate
- É Identify the international issues that affect a worldwide implementation of ERP
- É Identify the key technological considerations and concerns in ERP implementation

M/Aug 4-Sep 22nd/6:00pm-9pm Weekly

Inventory Control Field Lessons Workshop Series

Pricing: \$115 each includes materials

Basics of Inventory Management BUS 217

This workshop provides a broad overview of basic concepts and good inventory management strategies

T/Aug 5/6:00-10:00 p.m.

Cycle Counting BUS 218

In this workshop, participants will learn how to implement or improve a cycle counting program and the real purpose of cycle counting: finding and fixing the causes of inventory errors.

T/Aug 26/6:00-10:00 p.m.

Distribution Inventory Management BUS 219

This workshop focuses on the distribution network model and its objectives, activates, and distribution inventory management decisions and includes interactive exercises to present the fundamental concepts associated with the distribution environment.

T/Sept 16/6:00-10:00 p.m.

Material Requirements Planning and Bills of Material BUS 220

This workshop examines how to effectively use a material requirements planning (MRP) system. Participants will develop an understanding of how bills of material are structured and how MRP calculates requirements.

T/Oct 7/6:00-10:00 p.m.

Physical Inventory BUS 221

This workshop will discuss what works and what doesn't to create the best physical inventories, which steps to perform in advance, and how to keep physical inventory under control.

T/Oct 28/6:00-10:00 p.m.

Theory of Constraints: Concepts and Principles Workshop Series

Pricing: \$115 each includes materials

Constraints Management Overview BUS 222

This workshop introduces participants to the basics of constraints management: the business system and various types of transformation processes, the goal of the business system, definitions of constraints management terms, and the types of constraints.

IND 100 R/Aug 7/6:00-10:00 p.m.

Critical Chain Project Management BUS 223

This workshop examines the basics of managing a single project using constraints management. The four-step process of scheduling a project using critical chain scheduling is illustrated and compared to traditional project management.

IND 101 R/Aug 28/6:00-10:00 p.m.

Performance Measures BUS 224

This workshop discusses the problems in using traditional performance measurements. Cost-world measurements of managerial accounting versus the throughput-world measurements of theory of constraints are illustrated through the use of the evaporation cloud technique of TOC thinking processes.

IND 103 R/ Sep 18/6:00-10:00 p.m.

Production Management BUS 225

This workshop introduces the production paradigm of constraints management. Simply games comparing balanced capacity and constraints-based capacity production environments are used to illustrate the impact of statistical fluctuation and dependent events on line throughput.

IND 104 R/Oct 9/6:00-10:00 p.m.

Supply Chain Management BUS 226

This workshop introduces participants to the basics of managing a supply chain using constraints management. Topics include the process of identifying the constraints (internal and external) of supply chain, supply chain performance, and flow concepts.

IND 105 R/Oct 30/6:00-10:00 p.m.

Thinking Processes BUS 227

This workshop introduces participants to the theory of constraints thinking processes. These powerful logic tools provide skills to answer the three basic questions facing a manager today . what to change, what to change to, and how to create the change without creating resistance.

IND 106 R/Nov 20/6:00-10:00 p.m.