

*The Southern Willamette Valley Chapter of*  
**APICS**

The Association for Operations Management presents

**“Detailed Scheduling & Planning”**

A 9-session Course of Instruction

**Instructor:** Ed Barth, CPIM Southern Willamette Valley President  
**When:** Beginning Thursday, September 16<sup>th</sup>, through November 18<sup>th</sup>, 2010 -5 to 8pm  
**Where:** Johnson Crusher International, Eugene or 9wood, Inc. Springfield  
**What:** The class covers material in preparation for the APICS Detailed Scheduling & Planning Certification Exam or for those interested in detailed scheduling and planning.

**Who Should Attend:**

This course is intended as an APICS Certification Examination review course for the APICS Detailed Scheduling and Planning body of knowledge. Passing the test for this module is applied toward the requirements for CPIM (Certification in Production and Inventory Management).

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.

**Objectives:**

- Identify types of inventory and their impact on the planning process, lot-sizing techniques, inventory accuracy methodologies, master schedule data, MRP record grid, conditions for the planning process, and the three MRP outputs.
- Describe order review methodologies, safety-stock process, effects of inventory on investment, inventory policies and performance, independent and dependent demand, importance of data accuracy, timelines, and detail required to produce effective load and priority plans.
- Learn what-if analysis for problem solving of current and future scenarios.
- Learn how work center and routing data are used to schedule orders and establish resource load by time period, scheduling/planning techniques in various environments & techniques for preparing order releases.
- Define sources of load relative to planned and released orders.

**Registration Deadline:** Sept. 8<sup>th</sup>, 2010 (Late registration fee is \$25.00)

---

REGISTRATION FOR APICS COURSE

Name	Company	Phone	Membership #

Course, APICS or NAPM member _____	x	\$375.00.....	_____
Course, APICS or NAPM non-member _____	x	\$455.00.....	_____
Text: Manufacturing Planning & Control Systems _____	x	\$ 72.00 .....	_____
Late Registration Fee (see deadline above) _____	x	\$ 25.00 .....	_____
<b>Total Fees.....</b>			_____

**Make Checks Payable:** APICS - Southern Willamette Valley Chapter

**Mail To:** APICS-SWIV

PO Box 11078  
Eugene, OR 97440

**Questions:** Ed Barth at 541-942-7061, or [ed@beeswaxcandleworks.com](mailto:ed@beeswaxcandleworks.com)

**Registration forms can also be e-mailed to [ed@beeswaxcandleworks.com](mailto:ed@beeswaxcandleworks.com)**

**More information at: [www.apics-swiv.org](http://www.apics-swiv.org)**