

## NEXT MEETING

**Thursday, February 21, 2002  
5:30 - 7:30 pm, Metal Skills Plus, LLC**

**APICS Special - Tour of Metal Skills Plus -  
Creating An Environment For High Productivity**

*Presented by John Klus*

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Metal Skills Plus, located in DeForest, Wisconsin, is a custom metal fabricator and metal finisher that partners with customers, assists with new product development and prototyping, and takes products to full production. The company provides parts to a wide variety of customers located all across the country that represent industries such as medical technology, electronics, food, construction, and printing to name a few.

For over 20 years, Metal Skills Plus has had a strong reputation of providing quality, on-time parts at competitive pricing to its customers. Recently adding a 45,000 square foot addition to its facility, Metal Skills Plus is looking to enter a variety of new industries, to expand on its core competencies, and to develop a proprietary product that will allow the company to remain on its projected growth path.

Come and see what Metal Skills Plus is doing to grow through the 21st century.

Our speaker, John Klus is presently a consultant to manufacturing and service firms engaged in New Product Development. He has over 30 years of professional experience in both the public and private sectors. In addition to consulting, he is a part-time professor at the UW-Madison School of Engineering and has an appointment at Helsinki University of Technology. Dr. Klus is sure to have some interesting insights regarding product development, so come to Metal Skills Plus to hear what he has to say!

*(continued on Page 2)*

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The menu on 2/21 is pizza and soda. Cost is \$15, payable by cash or check at the door. Please **RSVP by February 13** to John Weisenberger at [johnw@hi-techmachine.com](mailto:johnw@hi-techmachine.com) or 608-845-3888.

## APICS Board of Directors

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*Region 14 Rep.*  
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# President's Message Harley Ringhand

It is that TIME AGAIN! Networking, sharing, training, plant tours, TTT, and most of all FUN at the February APICS Region 14 Retreat.

Our upcoming Retreat is only the start of this year's "FUSION," which will include Student to Parent Chapter interaction, Michigan to Wisconsin, Chapter to Chapter, Region to Region, and Members to National to International.

After touring the Milwaukee Hilton and seeing the renovation that took place, I think you will agree, our facilities will be awesome (a preview can be seen at [www.hiltonmilwaukee.com](http://www.hiltonmilwaukee.com)).

To sign up for the retreat, call the Hilton (1-800-HILTONS or 414-271-7250) and mention you will be attending the APICS retreat on February 15-16, 2002. All rooms are \$89 plus tax; reservations must be made by January 31, 2002. The water park will be available at an additional cost of \$25 per person for those bringing your family (like me!). Any children under age 16 must be accompanied by an adult, who can watch for free.

The Milwaukee Chapter will be our HOST Chapter and Diane Miderski promises to have a few surprises.

For questions about the retreat, please call me...I am always available.

*Harley Ringhand*

## APICS Special

*(continued from Page 1)*

### Tour Schedule

5:30 - 5:45 Meet upstairs

5:45 - 6:00 Company overview  
(Bill Boser, President,  
Metal Skills Plus)

6:00 - 6:30 Shop Tour

6:30 - 7:00 Dinner; Q&A

7:00 - 7:30 Presentation:  
Creating an  
Environment for High  
Productivity (John  
Klus)

### Directions

600 Burton Boulevard, DeForest  
608-846-0380

A map is located on  
[www.metalskills.com](http://www.metalskills.com) (see  
Overview, Location).

From either Hwy. 51 or Hwy. 90, take Hwy. V toward DeForest. From Hwy. V head north one block on North Stevenson Street. Metal Skills Plus is on the corner of North Stevenson Street and Burton Boulevard. The parking lot is in the front of the building.

**MATC and APICS present**  
**Basics of Supply Chain Management**

**Mondays, Mar. 4 – Apr. 29, 2002, 6:00 – 9:00 pm**

*Basics of Supply Chain Management* covers basic concepts in managing the complete flow of materials in a supply chain. In *Basics*, you get a complete overview of material flow, from internal and external suppliers, to and from your organization.

*Basics* is also a recommended prerequisite to the other six modules of the CPIM program because it introduces the key concepts that are covered in greater detail in those modules.

### **Objectives**

- Understand the role, objectives, and responsibilities of materials management.
- Describe basic forecasting principles and techniques.
- Understand the function of production planning and master scheduling.
- Explain the role of material requirements planning in the planning process.
- Describe the objectives of capacity management and how it relates to priority planning.
- Describe the purpose of inventory and the objectives of inventory management.
- Define purchasing, purchasing objectives, and the purchasing cycle.

- Define Just-in-Time (JIT).
- Demonstrate how total quality management (TQM) can reduce lot size, lead time, and work-in-process.

### **Credit**

One associate degree credit will be awarded through credit-based continuing education.

### **Cost**

The cost for the course is \$300 for APICS members and \$350 for non-members, which includes course fee, materials, and parking. Additional readings and texts may be suggested to further prepare for the certification exams, but are not included or required in this course.

Confirmation of receipt of payment will be sent by mail and may be used for reimbursement purposes, if needed.

A minimum of 12 students is required to run this course – registrants will be notified in the event of cancellation.

### **Instructor**

Wally Barger has a degree in Industrial Technology and Materials & Processes from the UW-Platteville. He has held various positions including inventory planner and production inventory control manager. He is currently Purchasing Administration Manager at Rayovac. Wally is on the local APICS board and is CPIM-certified.

**MATC and APICS present**  
**Detailed Scheduling & Planning**

**Wednesdays, Mar. 6 – May 1, 2002, 6:00 – 9:00 pm**

*Detailed Scheduling and Planning* focuses 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 three MRP outputs.
- Describe order review methodologies, safety-stock processes, effects of inventory on investment, inventory policies and performance, independent and dependent demand, importance of data accuracy, timeliness, 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 and planning techniques in various environments, and techniques for preparing order releases.
- Describe the concepts essential for supplier partnerships, product development, and supplier rating systems benefits.
- Define sources of load relative to planned and released orders.

- Determine the capacity planning outputs required to formulate capacity plans, tooling requirements, overload and underload conditions, and ability of the production processes to meet capacity targets.

### **Credit**

One associate degree credit will be awarded through credit-based continuing education.

### **Cost**

The cost for the course is \$300 for APICS members and \$350 for non-members, which includes course fee, materials, and parking. Additional readings and texts may be suggested to further prepare for the certification exams, but are not included or required in this course.

Confirmation of receipt of payment will be sent by mail and may be used for reimbursement purposes, if needed.

A minimum of 12 students is required to run this course – registrants will be notified in the event of cancellation.

### **Instructor**

Laura Moore has a BBA in Production Operation Management from the UW-Whitewater and an MBA from Edgewood College. She has over 13 years of experience in operations and materials management and is currently managing Demand and Inventory Planning in the Order Fulfillment department at Datex-Ohmeda. She has been a member of APICS since 1987 and is CPIM-certified.



## Course Registration

- Basics of Supply Chain Management**, course # 182-101-041, Members: \$300; Non-Members: \$350  
MATC Commercial Avenue Campus, Room A266, Mondays, Mar. 4 – Apr. 29, 6:00 – 9:00 pm
- Detailed Scheduling and Planning**, course # 182-103-041, Members: \$300; Non-Members: \$350  
MATC Commercial Avenue Campus, Room A266, Wednesdays, Mar. 6 – May 1, 6:00 – 9:00 pm

Name: \_\_\_\_\_ APICS Member Number: \_\_\_\_\_

Position: \_\_\_\_\_

Company/Institution: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Social Security #: \_\_\_\_\_

Fax registration to Kathy Smathers at 608-643-4812. Make check or money order payable to APICS. Mail payment with a copy of this registration form to be received no later than February 25, 2002.

Mail to: Kyle Whitcomb, APICS Treasurer, P.O. Box 8100, Madison, WI 53708-8100  
Call: 608-643-2380, ext. 2108 Fax: 608-643-4812

If you have a disability and desire accommodations, please advise us ahead of time. Requests are confidential.

For questions regarding **confirmation of receipt or payment**, call Kyle Whitcomb at 608-286-6924.

For questions regarding **the course itself**, call Kathy Smathers at 608-643-2380, ext. 2108.

If the **class is cancelled** for any reason, you will be notified by February 28, 2002.

*Regulations require that MATC request this demographic information. Your voluntary response is appreciated. All responses will be kept confidential.*

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**Gender:**     Female     Male    **Birthdate:**    Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

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**Ethnic Origin:**     Amer Ind/Alaskan Native 1     Asian Amer/Pacific Islander 2     African American 3  
 Hispanic 4     White 5     Other 6

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**Work Status:**     Employed full time 1     Employed part time 2     Underemployed 3  
 Unemployed, seeking 4     Not in Labor Market 5     Dislocated Worker 6

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**Highest Grade Completed:** \_\_\_\_\_

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**High School Attended:**    City: \_\_\_\_\_    State: \_\_\_\_\_    Graduated: \_\_\_\_\_

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**Marital Status:** (Check One):     Single 1     Married 2     Separated 3     Legally Separated 4  
 Divorced 5     Widowed 6

# **The Shadow Program - A Day In The Life Of An APICS Member**

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*Professor Urban Wemmerlöv  
Erdman Center for Manufacturing and Technology Management*

In order to enrich the educational experience of students studying Manufacturing and Resource Management, the APICS Student and Parent Chapters will continue the successful Shadow Program that started in 1994. The idea behind this program is to expose the participating student to the work environment and daily activities of an APICS professional in order to better understand what type of tasks and responsibilities they may face in a future job.

If you agree to serve as a Mentor, we will match you with two or three students at the UW-Madison School of Business. These students will become your Shadows for about half a day. Ideally, you will take them on a tour of your facility so they understand the overall manufacturing process and the products involved. This will also give them an opportunity to observe visual planning and control systems (e.g., pull systems, bar code readers, work order packets, performance boards, etc.), manufacturing technology, and work organization (e.g., assembly lines, cells, etc.). The rest of the time can then be spent on activities that normally make up your workday. This could entail demand forecasting, master planning, capacity management, order releasing, customer interactions, order scheduling, vendor scheduling, and follow-up, etc. The students will come with a focused interest and may ask you to concentrate on one special planning/control activity. You may also bring the students to meetings involving problem-solving related to the design or operation of your ERP/MRP information systems.

The “shadowing” will take place on a day mutually agreed upon by you and the students. After the day is over, the participating students are required to summarize their experience in a brief report. They may also present their most important lessons learned in the OIM 654 class on Production Planning and Control.

If you are interested in serving as a Mentor for future APICS professionals sometime between February and April 2002, please fill out and fax the APICS Shadow Program Sign-Up Form. A designated student will then contact you for details at a later date.

If you have any questions, please e-mail me at [uwemmerlov@bus.wisc.edu](mailto:uwemmerlov@bus.wisc.edu) or call me at 608-262-0305. I am looking forward to hearing from you!

# **APICS Shadow Program Sign-Up Form**

Your name: \_\_\_\_\_

Your title: \_\_\_\_\_

Main area of responsibility: \_\_\_\_\_

Company: \_\_\_\_\_

Street Address: \_\_\_\_\_

Phone and e-mail: \_\_\_\_\_

Best time of day to reach you: \_\_\_\_\_

Fax number: \_\_\_\_\_

Type of products manufactured/distributed: \_\_\_\_\_

Special requests/concerns: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## **Please Fax To 608-263-3142**

Professor Urban Wemmerlov  
Erdman Center for Manufacturing and Technology Management  
School of Business, University of Wisconsin-Madison  
975 University Avenue, Madison, WI 53706

Phone: 608-262-0305

E-mail: uwemmerlov@bus.wisc.edu

# Retreat Schedule

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## Friday, February 15

- 3:00 pm Plant tour
- 6:00 - 7:00 Appetizers and refreshments
- 7:00 - 8:00 Chapter updates, best practices
- 8:00 - 9:00 Mini case - Students and professionals
- 9:00 -12:00 Hospitality

## Saturday, February 16

- 6:00 am Yoga
- 7:00 - 8:00 Breakfast
- 8:00 - 9:15 Welcome, introductions, and society update
- 9:30 -10:30 Break-out Session 1 (Shadow program or passport)
- 10:45 -11:45 Break-out Session 2 (Student chapter development or e-newsletter)
- Noon - 1:00 Lunch and APICS quiz
- 1:00 - 2:00 Keynote speaker
- 2:15 - 3:30 Case competition presentations
- 3:30 - 4:00 Case grading and door prizes
- 4:00 - 4:30 Case competition awards and wrap-up
- 6:00 - 9:00 TRAIN THE TRAINER

## Sunday, February 17

- 8:00 - 5:00 TRAIN THE TRAINER
- 8:00 -10:00 Breakfast/staff meeting (for those not in TRAIN THE TRAINER)

# Upcoming Year Vision

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*John Vanden Heuval*

As the new Marketing Chairperson, I would like to share with you my vision and plan for our upcoming year. I have two very short and simple goals. The first and most important is to increase participation among our 265 members and the second is to increase APICS visibility in the local community. We can accomplish these goals by getting together and having a good time. I desperately need members to help with organizing our participation in events such as the Crazylegs Classic (5 mile run) in the spring, posting jobs in the newsletter or on the website, setting up plant tours, generating ideas for fundraisers, and volunteering to help with local charities. You can work on what you want, when you want. I believe anyone can be a member of APICS, but it takes time and effort to enjoy it. Please e-mail me at [john@metalskills.com](mailto:john@metalskills.com) or call me at 608-850-3277 (home) or 608-846-0380 (work).

# Calendar

## February

- 21 APICS Tour  
5:30 pm at Metal Skills Plus  
*Creating An Environment for High Productivity*
- 26 March Newsletter Articles Due

## March

- 21 APICS Lunch Meeting  
11:30 am at Sheraton Madison  
*Supply Chain*
- 26 April Newsletter Articles Due

## April

- 18 APICS Tour at Sub Zero
- 22 May Newsletter Articles Due

## May

- 16 APICS Election of Board for Next Year  
*Theory of Constraints*

## APICS Certification Review Courses

- Detailed Scheduling & Planning  
March 2002
- Basics of Supply  
March 2002 and September 2002
- Strategic Management of Resources  
September 2002

ADDRESS SERVICE REQUESTED

Heidi Ford, CIRM  
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