

Cedar Valley Views



The Association for
Operations Management

December 2006

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January PDM

[Gazette Communications/Color Web Printers Plant Tour](#)

Tuesday, January 9th

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Next APICS CPIM Certification Class Begins Jan 18th

[Execution and Control of Operations](#)

Registration deadline is Monday January 15th

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2006-07 Annual PDM Schedule

The Board of Directors has finalized the PDM schedule. Below are the topics and speakers that have been confirmed. **REMINDER:** Please make PDM and plant tour reservations to Cedar Valley Board Member Dennis Teel. Phone: (319) 465-3537 x.292 or by email: dteel@energymfg.com

Jan 9 th	Plant Tour – Gazette Communications/Color Web Printers
Feb 12 th	Dr. Rhonda Lummus, Iowa State University
Mar 13 th	Plant Tour - Energy Manufacturing Company, Inc - Monticello, IA
Apr 10 th	Scott Imhoff – Topic TBA
May TBD	

PLAN NOW TO ATTEND 2006-2007 CDVA PDM's -----WIN PRIZES**Dear CDVA APICS Members and Friends,**

Welcome back to another year of interesting and educational Professional Development Meetings. Plan now to join us each month to share ideas, food, and fun.....*and an opportunity to win some great prizes.* At each PDM you may put your name in the hat for a chance to win at our Grand Prize drawing at the PDM in April 2007 (must be present for drawing at April PDM to win)

January Plant Tour – Gazette Communications/Color Web Printers***Tuesday January 9th, 2007 @ 5:30 P.M.*****4700 Bowling St. SW, Cedar Rapids, Iowa 52404**

Gazette Communications started a commercial printing initiative in 1987 using the existing newspaper press. The commercial printing initiative was marketed under Color Web Printers, which is still used today. The first customer was the University of Iowa's daily student newspaper, the Daily Iowan. Later a second press was purchased and located in the same downtown location.

In 1999 the operation moved to a new print production facility located at 4700 Bowling St. SW, the move brought expanded space and new printing and inserting technology.

In January of 2000 production was started on what is currently the largest commercial client, King Features Syndicate. Three million Sunday comic sections which are distributed to over 130 newspapers are printed for King Features weekly.

There are over 140 employees employed at the production facility, printing is done 24 hours a day, seven days a week.

Color Web Printers - Production Plant Information

Construction of the production facility at 4700 Bowling St. S.W. began in October 1997. The current facility was designed for Gazette Communication's commercial printing operations which is called Color Web Printers. At this plant we produce --The Gazette, the Penny Saver and Community News Advertiser and numerous other commercial products. The total space of the facility measures 209,000 square feet, but the renovated space is 161,280 square feet. The Gazette was first printed in its entirety on the new press on June 28, 1999. There are approximately 170 employees regularly working at the facility in: Plate, Press, Packaging, Commercial Printing, Training and Development, Safety, Human Resources, Production Support, and Building Maintenance staff.

Press Statistics

- Total press length is 220 ft. (3/4 a football field)
- Press height is 40' 9-5/8" (3 stories with 4th story in the middle and paper loaded on side)
- Total press weight is 442 tons.
- The press has eleven towers and five folders (center tower has 2 folders, 1 is back-up).
- Our press is the largest shaftless single-width press in the United States.
- Maximum press speed is 70,000 copies per hour or 23 mph (usually run at 50-60,000 copies per hour).
- 59 central processing units are used to run the press; currently there are 178 drive motors on the press.
- The press can operate as four separate presses.
- We have our own back up generator that can power the entire facility if needed.
- More than 3,500 tons of concrete were used to build the foundation for the press (enough to pour a sidewalk seven miles long), and 130,000 pounds of steel reinforcing bar were used to reinforce the concrete.

Gazette Production Cycle

- For the Monday through Saturday publications the early run starts at 7:45. This run consists of Accent, Classified and Community (only on W, SA and SU)
- For the Monday through Saturday publications the late run starts at 12:00 midnight (12:15 on Friday nights during prep football). This run consists of the World news, Iowa Today and Sports.
- For the Sunday publication:
 - The Accent and Milestones run is printed on Friday morning, inserts are added and this is sent out to the distribution centers on Friday.
 - The classified and Money sections are run on Saturday afternoon, stored on the buffer system reels and inserted into the late run.

- The World/National news, Iowa Today and Sports are printed at 11:30 p.m.
 - The late run has to be distributed to distribution centers and distribution drivers to deliver single copy by 3:30 a.m.
- The Gazette prints one edition for the whole region except on Wednesday, Saturday and Sunday. There are two different Community section zones printed for Wednesday, Saturday and Sunday: the Linn County Community section and the Iowa City Community section.

Design and manufacturing

Goss Graphics System, Inc built the Goss Universal 70 printing press. The main folder for the newspaper was designed in Preston, England; the press was designed in Nantes, France; and the units were built in Reading, PA.

Ink

- 400,000 pounds (over 47,000 gallons) of black ink were used last year. Black ink costs \$.70 cents a pound. The black ink is delivered by tanker trucks and pumped into tanks at the Color Web Printers facility.
- A total of 200,153 pounds (24,005 gallons) of color ink were used last year. Individual color totals were 71,165 pounds (8,535 gallons) of magenta, 55,108 pounds (6,609 gallons) of cyan, and 73,880 pounds (8,861 gallons) of yellow. Color ink costs between \$1.80 and \$2.30 a pound. The color ink is delivered in large totes by truck and switched out for empty totes that are then refilled at the factory. Totes hold 2250 lbs. of ink.
- All of the ink is soy-based and delivered to the press through a plumbed system.

Paper

- About 343 rolls of paper are used each week (approximately 42 Monday-Saturday and about 85 on Sunday).
- The price of newsprint varies from \$630 to \$1,100 per metric tonne.
- The new press uses two main sizes of paper rolls: The press can handle a roll up to 39.37 inches wide.
 - A Full roll is 25" wide, weighs around 1,050 pounds and can produce roughly 27,000 copies of a 4-page broadsheet
 - A Half roll is 12.5" wide, weighs 575 pounds and can produce roughly 27,000 copies of a 2-page broadsheet. (used for dinkys & abiserts)
- Most newsprint is delivered to the Bowling St. facility by rail but some paper does arrive by truck. (Paper comes every couple days. Truck can hold 26-36 rolls. Regular rail car can hold 96 and super car can hold up to 146 – we've had to modify entry door to accommodate larger rail car.)
- Most newsprint comes from paper suppliers in Canada (2 largest suppliers are Abitibi & Bowater) but some paper comes from Tennessee and Michigan (Weyerhaeuser).

Buffer System

- Can store up to 16,000 papers per roll

Finishing Equipment

- Stitcher/Trimmer staples spine of a section and trims edges – i.e.: Parade of Homes

Inserting Equipment

- Two inserters that can each handle 25,000 papers per hour

Recycling

- 95% of the paper we use has some post-consumer recycled content.
- Used plates are recycled. (we sell them to companies who recycle them)
- Newsprint waste is baled in-house for recycling (we sell baled paper to City Cartoon for recycling)

King Features

- Currently we print comics for 130 different newspapers—a total of over 2.8 million sections weekly.
- Orgapack compresses, straps & wraps sections on pallets for shipping.

Business casual dress is acceptable. However, no open-toe shoes are allowed as this is a safety requirement for touring the manufacturing floor.

Reservations are due by Friday, January 5th, 2007. No Charge for Tour.

No formal dinner arrangements have been made, but there are several restaurants nearby for informal gatherings if anyone wishes to do so.

Contact Cedar Valley APICS Director of Programs Dennis Teel for reservations,
Phone (319) 465-3537 X292
E-Mail: dteel@energymfg.com

APICS: Execution and Control of Operations. Course # CBPR-195-WAT01

Focuses on the areas of prioritizing and sequencing work, executing work plans and implementing controls, reporting activity results, and providing feedback on performance. The course explains techniques for scheduling and controlling production processes, the execution of quality initiatives and continuous improvement plans, and the control and handling of inventories. Topics include: Prioritizing and Sequencing Work, Executing Plans and Implementing Controls, Authorizing and Reporting Activities for Push and Pull Systems, and Evaluating Performance and Providing Feedback Cost: \$450.00. Course fee includes APICS exam, scheduled for April 14. Instructor: Milden

Begins Jan 18, 10 weeks

Thurs. 6:00 – 9:00 PM

Registration deadline is Monday, January 15.

Other upcoming classes:

Basics of Supply Chain Management Starts 3/26/07 thru 6/4/07 Test 6/09/07
Registration 3/23/2007 Instructor - Teel

Strategic Management of Resources Starts 4/5/07 thru 6/7/07 Test 6/9/07
Registration 4/2/07 Instructor - Milden

To register for classes, call 319-398-1022 or register on line at Kirkwood's website: www.foryourlifetime.com

Chapter News

Cedar Valley Chapter Makes Book Donation

In our efforts to promote the continuing education of our members, the Cedar Valley Chapter has continued to make a significant contribution of business books to the Cedar Rapids Public Library. These books include all the reference books currently used in the CPIM and CSCP certification programs plus others in operations management.

We hope that you will take advantage of this opportunity to improve your skills and keep up on the latest trends in the profession. If you live outside the Cedar Rapids Metro area, the books are available through Inter-Library Loan at your local library.

This year's donation includes the following references:

- Simchi-Levi, David, et. al. Designing and Managing the Supply Chain, 2nd Edition. New York: McGraw-Hill, 2003.
- Hopp, Wallace, and Mark Spearman. Factory Physics. 2nd ed. Boston: Irwin, 2000.
- Chopra, Sunit, and Peter Meindi. Supply Chain Management, 2nd ed. Upper Saddle River, NJ: Prentice-Hall, 2004.
- Shapiro, Jeremy. Modeling the Supply Chain. Pacific Grove, CA: Duxbury, 2001.
- APICS Advanced Supply Chain Management Reprints. 2000
- Slack, Nigel and Michael Lewis. Operations Strategy. 2004.

Don't miss this educational opportunity! Read a book! Further your education! Remember that education is a lifelong journey.

Dear Cedar Valley Chapter,

My name is Erin Talbot and I was one of the sixty selected APICS

Scholars who attended the 2006 APICS International Convention in Orlando, Florida. I am in my fifth year of college at Iowa State University in Ames, Iowa. I will graduate with two degrees with honors this December. My primary major is in Operations and Supply Chain Management within the College of

Business and my second major is Hotel, Restaurant, and Institution Management in the College of Human Sciences. After graduation I will start at Micron Technologies in Boise, Idaho as a Manufacturing Engineer. I am currently serving my second semester as the ISU APICS Club President. In previous years I have held the vice president and treasurer cabinet positions. I look forward to sharing my conference experience with my fellow APICS members at Iowa State University.

The donation provided by your chapter made my attendance to the 2006 APICS International Conference a reality. The funding raised by the Scholars Education Program paid for my hotel expenses, conference fees, and a reimbursement check to help pay for meals and transportation that I incurred throughout the conference. Without the donation by your chapter it would have been hard for me to justify missing several days of college classes and spending hundreds of dollars. I am so thankful for the individual members and chapters that donated to the APICS Scholars Education Program because I truly gained a lot of knowledge about the operations industry and about the APICS organization during my attendance at the conference.

There are many experiences that I will take away from my attendance at the APICS Conference. I have gained a greater overall knowledge of the APICS organization and the close knit community it provides among its members. I made new friendships with students from several universities throughout the United States and Canada. In total I attended seven different speaker events at the conference. My favorite speaker was Scott Adams because I have always been a fan of the Dilbert comic strip. Although I will not be able to be a Student Scholar next year I hope that my future employer will support my interest in attending the 2007 APICS International Conference in Denver.

I encourage you to share my letter with other APICS members so that they can see how much help the APICS Scholars Education Program is to student members of APICS. I am afraid that without these funds students like myself would be less likely to attend the conferences because of the financial burden that it can be on students. Please share the success of this program and the positive aspects I had so that the APICS Scholars Education Program can grow.

Again, thank you so much for your donation.

Sincerely,

Erin Talbot
Iowa State University
Operations & Supply Chain Management
Hotel, Restaurant, and Institution Management emt@iastate.edu 515-490-5360

Upcoming APICS Webinars

Title: [ERP Optimization for Lean Manufacturing Success](#)

Date: December 13, 2006

Time: 2:00 p.m. ET

Presenter: Daniel A. Marino, CPIM

[Register Today](#)

The convenience and flexibility of APICS Webinars enable organizations to educate a large number of employees at once, reduce travel expenses, and maintain consistent levels of productivity by eliminating time out of the office. Each 60-minute APICS Webinar features an educational discussion, case studies, and a Q&A session. All you need to participate is an Internet connection and a telephone. As an added benefit, registrants of each APICS Webinar receive a CD-ROM of the presentation after the event.

We're Cedar Valley APICS



The Association for Operations Management is the global leader and premier source of the body of knowledge in operations management, including production, inventory, supply chain, materials management, purchasing, and logistics. Since 1957, individuals and companies have relied on APICS for its superior training, internationally recognized certifications, comprehensive resources, and worldwide network of accomplished industry professionals. To learn more about the APICS community, visit www.apics.org.

Locally, we're the Cedar Valley APICS Chapter - serving its members and the Cedar Rapids, Iowa City, and surrounding business community since 1972. We're a non-profit volunteer organization, dedicated to providing leading edge learning opportunities, professional certification, networking, and access to the education resources of APICS International.

Our mission is to develop, promote, and recognize the professional management of resources by individuals and enterprises.

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		Director of Student Activities Open

Cedar Valley APICS Company Coordinators

Special thanks to Cedar Valley Company Coordinators, our behind-the-scenes recruiters of new members, PDM attendees, and Certification students:

Company	Coordinator	Email Address
Apache Hose & Belting Inc.	Jim Milden CPIM CIRM CSCP	jim.milden@apachehb.com
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PMX Industries Inc.	Dave Capouch CPIM	david.capouch@ipmx.com
Procter & Gamble Co	Eric Van Roekel	vanroekel.ed@pg.com
Quaker Oats Company	Kay Driscoll	kay_driscoll@quakeroats.com
Rockwell Collins	Tim Soukup	trsoukup@rockwellcollins.com
Whirlpool Appliances – Amana	Rick Held CPIM	rheld@maytag.com

Help For Our “Downsized” APICS Members

“Seeking Employment” advertisement in our Cedar Valley Views newsletter—Quarter-page ad FREE to unemployed Cedar Valley APICS members. Copy due 15th of the month. Contact Director of Communications Joni Philips

APICS Career Center—all candidates may search jobs, but only APICS members receive the added benefits of posting resumes and receiving email alerts when new positions are listed. Visit the APICS Career Center at www.apics.org, phone (800)444-2742, or email jobs@apicshq.org.

Benefits Extension for Unemployed Members Program—a six-month extension of membership benefits without cost. Contact Kirk Schroeder for more info and an application.

Job Postings

A separate e-mail distribution list has been set up for job postings. If you would like to receive these postings, please contact Rick Held at rick.held@mchsi.com and ask to be added to the job postings list. You can have the newsletter and these job postings sent to different email addresses if you like.

If you have a Job you would like distributed to this list, also email to the above address.

Job Postings will also be available on the chapter website, www.cedarvalleyapics.org

Cedar Valley Views, the chapter’s monthly newsletter, is available by email or on the chapter website, www.cedarvalleyapics.org. You may request inclusion on our email distribution by contacting the editor, Joni Philips at (319) 622-2659 or jphilips@nisia.com. We welcome your inquiries regarding articles, submissions, advertising, address changes, etc. The deadline for each monthly issue is the 15th of the preceding month. The newsletter may be forwarded to interested parties; articles may be reprinted with permission from Cedar Valley APICS.

