

**APRIL
2007**

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Meeting**

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**Be sure to visit our section
website:**

<http://www.asq0905.org>

Section 0905 Mission Statement

The mission of Section 0905 is to develop and provide a strong organization for exchanging knowledge and ideas necessary for the growth and development of quality professionals in a manner that benefits the membership, business, and the Northeast Indiana Community.

Mailing Address:

**American Society for Quality
Northeastern Indiana Section 0905
P.O. Box 11887
Fort Wayne, Indiana 46861-1887**

The Histogram **N e w s l e t t e r**

Next ASQ 0905 Dinner Meeting - April 11th

**IVY TECH COMMUNITY COLLEGE NORTHEAST
WHAT WE CAN DO FOR YOU**

Ivy Tech Community College has a Mission Statement that includes the commitment to provide residents of Indiana with professional, technical, transfer, and lifelong education for successful careers, personal development, and citizenship resulting in the strengthening of Indiana's economy and enhancing its cultural development. In February 2007, the results of an independent study announced findings that measured the socioeconomic impact of Ivy Tech on Northeast Indiana. The main thrust of the study was to provide estimates on the economic value of Ivy Tech in terms of job and income formation, higher earnings captured by the students, the return to taxpayers for their college support, and a broad collection of social benefits and avoided costs (i.e., reduced crime, improved health habits, and lower expenditures for welfare and unemployment.) Some specific findings include:

- The regional economy is \$431.6 million stronger due to the actions of Ivy Tech.
- Ivy Tech returns \$8.50 for every dollar of taxpayer financial support.
- Students see their annual income increase by \$137 per year for every credit completed at Ivy Tech.

This meeting is to provide a sample of offerings of the local Ivy Tech programs to best determine how they can benefit our members and their places of business. I'm also looking forward to another delicious meal from their Culinary Program.

There will be presentations of the following topics followed by a Q&A session for each.

GDT - Rob Townsend, Design Program Chair
TQM - Patrick McCormick, Instructor Business Program
AWS Certification - John Christman, Instructor, Welding Program
Metrology - Deb Pitzer, Mfg/Industrial Program Chair
Adv. Mfg Lab Preview - Rick Willey, Program Manager

Closing Remarks - Jim Teeple, WED Manager and ASQ Senior member
Tour

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Wednesday April 11th Note: this is Wednesday
Ivy Tech State College
3800 N Anthony Blvd
Fort Wayne In 46805
<http://www.ivytech.edu/fortwayne/>

Social: 5:30 - 6:00

Dinner: 6:00 - 7:00 A delicious five-course meal has been promised. It will be prepared and served by the IVY TECH Culinary Program.

Presentations: 7:00

Tour: approx 8:15 - 8:45

Please RSVP by Monday, April 9th

Jim Smith 260-434-5464 james.e.smith@baesystems.com

Dinner \$19.00

If you can't make the meeting, please have the courtesy to notify Jim of the cancellation. We are charged for all reservations whether or not you show up.

Board Election and ISO

Local Section News: At the last dinner meeting, your leadership board was elected for the coming year. All positions were filled. I am pleased to announce that your new Chair is Dan Templeton, Chair Elect is Mark Maffey (thanks for staying on another year, Mark!) Vice-Chair is Chuck Whitaker, Secretary is John Chalmers (thanks for staying on another year, John!) and Treasurer is John Carlson.

ISO News: If you're registered to ISO 9001 you may want to know that the first committee draft (CD1) is released for review. You may obtain CD1 from the link below. ASQ is the only organization in the United States allowed to provide the committee drafts of the revisions to the ISO 9001 and 9004 standards to the public. TC 176, who writes these documents, plan to have the new revisions released in 2009. These documents are drafts for review only and are not intended to be used for quality system design purposes. The documents are being made available in order to obtain input from the public to help determine if the standards are on target with user needs. Learn more at this site: <http://www.asq.org/quality-press/display-tem/index.html?item=T843E>

ENGINEERS WEEK - 2007

The 57th Annual Engineers Week Scholarship Banquet was held on February 24, 2007, at the Indiana Institute of Technology, in the Andorfer Commons. It was a wonderful evening of food, music, inspirational speeches and good fellowship.

The highlight of the evening was the presentation of twenty-seven \$1000.00 scholarships to some very fine Engineering students from around the area that have achieved distinction in their respective engineering educational majors.

This year our ASQ Section 0905 sponsored 2 young Engineering students: Mr. Ryan Bouillon, and Mr. Jerad Cole.

Ryan is an Electrical Engineering Major at Rose-Hulman and is in his junior year. Ryan is quite busy at Rose-Hulman with homework, working part-time and involvements in a DBF (Design-Build-Fly) Team that builds remote controlled planes from scratch.

Jerad is a Mechanical Engineering Major at Purdue University and is an Engineering co-op at Toyota. When Jerad graduates from Purdue, he is going to go after his Masters in Business Administration and Mechanical Engineering. Jerad was named the 'Outstanding Senior' in the Technology department at Dekalb High School.

It was a great pleasure to represent ASQ0905 this year and to present both Ryan and Jerad with \$1000.00 checks to go toward their tuitions. Thanks to all of the great ASQ0905 members for supporting these two wonderful fellows.

Wayne Scherry

ASQ meetings for the balance of the 2006/2007 calendar year

Apr 11th, 2007 – Ivy Tech State College, 3800 N Anthony Blvd, Fort Wayne, IN
Presentation of Ivy Tech's Quality related programs presented by the Program Chairs with a meal prepared by the students of the college's Culinary school. *Delicious!!* Note: This is a Wednesday evening.

May 10th, 2007 - Hall's Guesthouse, 1313 W Washington Center Rd, Fort Wayne, IN
"ASQ Certifications – How to pass & what it's worth."
Members with certifications will provide insight into the reference material, tools, and strategies they used to pass the test and discuss the value the certification has provided them. This information would be shared with other attendees who are interested in learning more about the certification that are available. Members with certifications are not expected to make a formal presentation. They should simply be willing to share their experience and bring some reference material.

If you have a certification and are willing to participate in this forum please contact:

Mark Maffey, (260) 434-5410, r.mark.maffey@baesystems.com

ASQ dinner meetings for the 2007/2008 calendar year

If you have program suggestions for the 2007/2008 calendar year, please contact:

Megan M. Pape, (260) 480-8165, PapeMM@usa.redcross.org

Chapter Email Coming Out

The chapter will be sending out an MS Outlook calendar reminder to bookmark the chapter meeting nights. Those that use MS Outlook may accept it and have it put a placeholder in your Outlook Calendar. If you do not use MS Outlook, please manually add the reminder to your calendar.

Recertification Contact Person

Mr. Chuck Bandelier
3543 E. Arabian Drive
Columbia City, IN 46725
260-429-5774
bandel@netusa1.net

The importance of maintaining the currency of your hard-earned certifications by using continuing education credits or other acceptable credits can not be over stated. Do not send recertification paperwork to the Section's mailing address, as the timeliness of your recertification may be lost. Paperwork should be sent directly to Chuck. If you have any questions about the material required to verify your recertification, call Chuck. remember the other way to retain your certification is to simply retest. I don't know anyone who wants that option.

Interested in advertising in the Histogram? The Histogram is published from September thru May. The charge is as follows:

1/4 page advertisement \$25.00/each month

1/2 page advertisement \$50.00/each month

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leslie.zody@autoliv.com for more details.



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Jim Womack

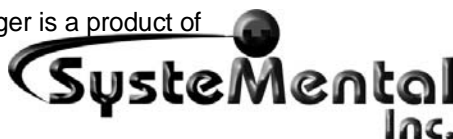
Forward

Getting the Right Things Done:

A Leader's Guide to Planning and Execution,

Page vi

Lean Project Manager is a product of



WHAT IS NEXT AFTER CERTIFICATION???

IMPROVED PERFORMANCE OF KEY RESULT AREAS/
OBJECTIVES

IMPROVED COMPETENCY OF PERSONNEL

VENDOR DEVELOPMENT

INCREASED EFFECTIVENESS AND EFFICIENCY

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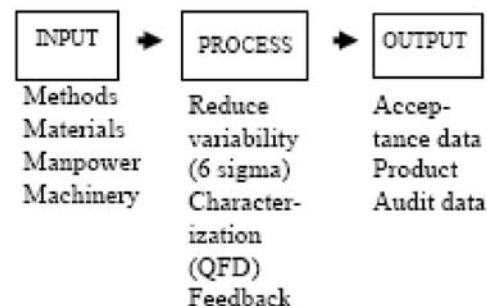
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QUALITY PROCESS

Therefore, the plan needs the following:
capable processes
conforming product
producibile design

The plans can be developed by analogy to other systems. For example, the potentially hazardous material and high cost issues mirror nuclear systems or biosafety level 4 (BSL-4) labs. For products and processes, systems process models are suitable.

What is a systems process model? An example is the SIPOC model. Augment it with Requirements and Feedback.



Bernard Rue, in *Quality Engineering* (October-December 2006) notes that a CpK of 1.33 when applied to nanotubes, even though it means 64 parts-per-million defectives, is still too high in the

noncompetitive work, which means that the industry can establish a standard setting body much like the electronics standards for wireless (802.11g (and n-draft)) or photos (.jpeg or MPEG).

As quality managers begin planning your 2008 strategic plans, make a point to begin developing the techniques, policies, and industry groups necessary to be ready for nanotechnology. At worst, have a Purdue proselytizer come talk to your company.

TACTICS

Glenn Mazur of Michigan is one of the foremost experts in Quality Function Deployment. In the March 2007 issue of *Quality Progress* he talks about “new” QFD. Since, QFD is identified as a major component of a nanotechnology quality systems, his observations are poignant.

His system covers dealing not with just one class of customer, but a whole supply-chain-worth of customers as well as other possible stakeholders. The data are collected real time versus in after-the-fact interviews. These data are manipulated to use the customer’s statement to say WHAT they want and WHY they want it. The results are specifications that talk about



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