



Newsletter



FOX VALLEY SECTION

September, 2014

General Meeting

The next general meeting will be held on

Tuesday, September 02, 2014 at:

Millrose

45 S. Barrington Rd.
South Barrington, IL

Please visit our website:

<http://www.asq-foxvalley.org> for a map and directions to this meeting.

Program:

- 5:30 - 6:00 Networking
- 6:00 - 6:30 Pre-Dinner Presentation
- 6:30 - 7:30 Dinner
- 7:45 - 8:30 After Dinner Presentation

Normality (Pre-Dinner)

By Dr. Wayne Taylor

Did it Change

(After Dinner)

By Dr. Wayne Taylor

Menu:

- House salad
- Chicken breast with chardonnay cream sauce
- Mashed potatoes
- Green beans
- Cheesecake
- Cash bar
- Vegetarian option: penne pasta primavera

INSIDE THIS ISSUE

General Meeting	1
Program Details	1
Message from the Chair	2
ASQ Certification Programs	3
Accountability Group for Members in Transition	3
Job Submissions	3
ASQ Benefit for Unemployed Members	4
LinkedIn Group for Members	4
Certification Course Schedules	5
2014 Meeting Dates and Locations	5
Certification Exam Schedule at ECC	6
New Lean Bronze Certification	7

Program Details

Normality

Pre-dinner

Many statistical methods assume the normal distribution. Demonstrations will be performed to show why so much data follows the normal distribution, why some data does not follow the normal distribution and how one might handle non-normal data. Some warnings about commonly used normality tests will be provided including showing how they are negatively impacted by measurement resolution. Learn how to make normal data fail a normality test.

Did it Change?

Post-dinner

Shewhart control charts are often used to trend data to determine if a change took place. But there are far better methods for analyzing existing data to look for changes

Continued on page 4

Message from the Chair

Members & Colleagues,

The last few months have been very busy for the Fox Valley section leadership. The Section Leadership Committee (SLC) continues to “hear the voice of the customer” to work hard to plan and schedule the fall programs that interests our members based on your feed-back. The section continues to survey our members and solicit feed-back, that is reviewed and analyzed. Many ideas and suggestions implemented have come from the responses received from the member meeting surveys. Please continue to fill-out the member meeting surveys so we can continue to meet your needs and expectations.

Sometime in August, the annual section survey will be e-mailed out to all of our members. This survey is another method to solicit ideas and suggestions (voice of customer) from all of our members, including those that may not be able to attend a member meeting to be able to respond. We ask that you please fill-out the survey as soon as you receive it. It will only take a few minutes to complete. We will share the results of the survey after the responses are compiled, reviewed and analyzed. We look forward to hearing from you!

The section leadership is committed to continue to pursue plant tours. We have followed-up on a couple of leads, with no confirmation. If you know of a company/plant that is willing to allow our section to tour their facility, please forward the contact information to David McDonald at

Placement@asq-foxvalley.org or any other committee member so we can communicate and begin the process to arrange a tour. Feedback from past tours has been very positive.

Our section continues to offer a wide range of education and certification review courses for our members. Courses have been developed and published for the 2014 Fall term. On-site programs are also available at a discounted rate. Please contact Chuck Gates, Education Chair at education@asq-foxvalley.org for further details. Please look over the course schedule outlined in this newsletter.

The Section Leadership Committee is now planning for nominations for the 2015 positions. We are always looking for additional committee members for help and support. If you are interested in becoming actively involved, we can find a position or function to fit your interest. Please note that you are always welcome to attend any one of our SLC meetings. Please contact me or any of the other SLC members for information.

The next member meeting will be at the **Millrose Restaurant** (S. Barrington) on **September 2, 2014**. I look forward to seeing you there.

Hector Rodriguez,
Chair - Section 1208

ASQ Certification Programs

NEW!!! ASQ Fox Valley Section 1208 Healthcare Segment

If you would like to join the healthcare committee, please contact Chuck Gates at education@asq-foxvalley.org

On-site Programs Available at a Discount Rate

Contact Chuck Gates at education@asq-foxvalley.org for a proposal.

Military Veterans and Active Military Receive a 50% Course Fee Discount

The discount applies to any course or workshop that is conducted by the ASQ Fox Valley Section 1208. Contact Chuck Gates at education@asq-foxvalley.org for details.

See page for course schedule

Job Submissions

Quality based jobs submitted to Fox Valley ASQ Section 1208 will be placed into the Fox Valley ASQ Section 1208 LinkedIn Group site in the discussions section. Membership in this LinkedIn Group is open to all Fox Valley ASQ Section 1208 Members. Join us to start discussions, ask Quality questions and post/view Quality based jobs submitted to us.

http://www.linkedin.com/groups?gid=3888168&trk=my_groups-b-grp-v

Accountability Group for Members in Transition

At the last Section 1208 Quality program April 1st several people indicated interest in a "Quality" based Accountability Group/Job Search Work Team in the Fox Valley area. Fox Valley ASQ Section 1208 is open to sponsoring a group at Central DuPage Hospital in Winfield. Membership is open to unemployed and under-employed job seekers that want to stay motivated and on track in their job search. The benefit of a career search group is that job seekers network, encourage and support each other to keep motivated and on task in what might otherwise become a very un-structured time. Online resources are only part of the career search. It's easy to get lured into an unproductive vortex. Job boards can be valuable, but if you really want to stand out, you'll want to nurture relationships in-person, reach out and talk with people face-to-face.

You can try some of these tips:

- Invite one or more of your past colleagues for a mini-reunion over coffee or after-hours drinks.
- Check in with a past manager to see what's new.
- Celebrate with people in your network who have changed jobs or have work anniversaries. Just monitor your LinkedIn home feed for news and updates.
- Invite people in your network to attend professional association meetings or other networking events.
- Get into a supportive career search group and network into companies before submitting applications.

To join: Email David at drmssbb@gmail.com with your name, city/town, email address and phone number.

Program Details from page 1

including CUSUM charts. Change-Point Analysis will be highlighted that can not only answer the question "Did it change?" but provide further insight including "Did it change more than once?", "How confident are we of a change?", and "When did it change?" Examples of applying the methods to different data sets will be provided including complaint data, environmental data and production data.

Dr. Wayne Tylor Speaker

Dr. Taylor is the founder and chairman of Taylor Enterprises, Inc. where he has developed several software packages as well as providing consulting and training on statistics and the Six Sigma approach including Robust Design, Tolerance Analysis, Design of Experiments, SPC, and Acceptance Sampling.

In 2000, Dr. Taylor retired from his position as Director of Quality Technologies at Baxter Healthcare Corporation where he was responsible for Baxter's Six Sigma program. He and his staff have trained over 800 of Baxter's engineers to serve as Six Sigma black belts. He had been with Baxter for 22 years.

Dr. Taylor is the leading expert on acceptance sampling in the pharmaceutical, medical device and diagnostics industries. His articles on selecting statistically valid sampling plans have become standards in the industry and are used by the FDA in their new inspector training. He has taught his 2-day course Successful Acceptance Sampling to over 5,000 students and 50 companies including the CDRH (Center for Devices and Radiological Health) of the FDA.

He is author of many books, articles and software packages, outlining the approach for achieving Six Sigma quality, selecting and justifying sampling plans as well as reducing inspection costs that are used throughout the medical industries.

ASQ Benefit for Unemployed Members

Unemployed ASQ members receive a discount on their membership dues based on consecutive years of membership.

If you've been unemployed for at least 90 days and are a Full, Senior or Fellow Member, you may qualify for a discount of between 50 - 100% of your dues.

To review the eligibility requirements, visit

<http://asq.org/members/account/unemployment.html> (ASQ login and password needed to access this information). The *Unemployment Program Application* can be found at

<http://rube.asq.org/members/leadership/mbrapp/unemployment.pdf> (member login and password also needed).

Fox Valley ASQ Section 1208 LinkedIn Group

The Fox Valley ASQ Section 1208 LinkedIn Group is continuing to grow and jobs are listed in the group as they come from the group membership. Be sure to select the notify box in your preferences if you want email notices of Discussions & Jobs.

Membership in the Fox Valley ASQ Section 1208 LinkedIn Group is open to all Fox Valley ASQ Section 1208 Members. Join us to start discussions, ask Quality questions and post/view Quality based jobs submitted to us.

http://www.linkedin.com/groups?gid=3888168&trk=my_groups-b-grp-v

Education Course Schedule

Course	Day	Dates & Location	Time
Certified Six Sigma Black Belt (CSSBB) Interactive Web	Mondays Wednesdays	August 4 to September 29 August 6 to September 24 Interactive Web Courses	Noon to 2:00 p.m. 6:00 p.m. to 8:00 p.m.
Certified Manufacturing Engineer (CMfgE)	Tuesdays	August 26 to October 28 Interactive Web Course	6:30 p.m. to 9:00 p.m.
Project Management Workshop	Friday	August 29 WCC Sugar Grove	9:00 a.m. to Noon
Lean Bronze Certification (LBC)	Wednesdays	Sept. 3 to Sept. 24 WCC Sugar Grove	6:00 p.m. to 9:00 p.m.
Certified Quality Engineer (CQE)	Thursdays	September 4 to October 9 WCC Sugar Grove	6:00 p.m. to 9:00 p.m.
Project Management Professional (PMP)	Fridays	September 5 to October 10 WCC Sugar Grove	9:00 a.m. to 3:00 p.m.
Certified Manufacturing Engineer (CMfgE)	Wednesdays	October 1 to November 5 WCC Sugar Grove	6:00 p.m. to 9:00 p.m.
Certified Quality Auditor (CQA)	Thursdays	October 9 to November 6 WCC Sugar Grove	9:00 a.m. to 3:00 p.m.
Certified Six Sigma Green Belt (CSSGB)	Thursdays	October 16 to November 20 WCC Sugar Grove	6:00 p.m. to 9:00 p.m.
Certified Associate in Project Management (CAPM)	Fridays	October 17 to November 14 No Class Session 10/31/14 WCC Sugar Grove	9:00 a.m. to 3:00 p.m.

Contact Chuck Gates at education@asq-foxvalley.org for details.

2014 Meeting Dates and Locations

Date	Location	Speaker	Topic
Tuesday, September 2, 2014	Millrose Restaurant	Dr. Wayne Taylor	Statistics
Tuesday, October 7, 2014	TBD	Thomas Gehrke	Geometric Dimensioning and Tolerancing
Tuesday, November 4, 2014	TBD	Dr. Manu Vora	TBD
Tuesday, December 2, 2014	TBD	TBD	TBD

ASQ CERTIFICATION EXAM SCHEDULE
ELGIN COMMUNITY COLLEGE
2014

	Exam Date	Application Deadline	Late Application Fee (\$50) Deadline
<u>Calibration Technician</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Pharmaceutical GMP Professional</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Quality Auditor</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Quality Engineer</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Quality Improvement Associate</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Quality Process Analyst</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Six Sigma Green Belt</u>	December 6, 2014	October 17, 2014	October 22, 2014
<u>Software Quality Engineer</u>	December 6, 2014	October 17, 2014	October 22, 2014

New Lean Bronze Certification

Date	Reading Assignments	Class Session Topics
Session 1 Web Interactive Saturday September 6 9-11 a.m. CDT	Study Notes for Session 1 <i>Lean Production Simplified:</i> Chapter 1 - The Birth of Lean Production Chapter 2 - The Lean Production System Chapter 9 - The Culture of Lean Production Complete Practice Test 1	LBC BOK Module 1 ➤ Cultural Enablers ➤ Processes for Cultural Enablers ➤ Culture Enabler Techniques and Practices Practice Test 1 Answers
Session 2 Web Interactive Saturday September 20 9-11 a.m. CDT	Study Notes for Sessions 2A and 2B <i>Lean Production Simplified:</i> Chapter 3 - Stability Chapter 4 - Standardized Work Chapter 5 - Just-In-Time (JIT) <i>Lean Thinking:</i> Part I - Lean Principles (Chapters 1-5) Complete Practice Tests 2A and 2B	LBC BOK Module 2 ➤ Principles of CPI Practice Tests 2A and 2B Answers
Session 3 Web Interactive Saturday October 4 9-11 a.m. CDT	Study Notes for Session 3 <i>Gemba Kaizen:</i> Chapter 1 - Introduction to Kaizen Chapter 2 - Gemba Kaizen Chapter 3 - Quality, Cost, & Delivery Chapter 4 - Standards <i>Learning to See:</i> Part I - Getting Started Part II - The Current-State Map Part III - What Makes a Value Stream Lean? Complete Practice Test 3	LBC BOK Module 2 ➤ CPI Systems Practice Test 3 Answers
Session 4 Web Interactive Saturday October 18 9-11 a.m. CDT	Study Notes for Session 4 <i>Gemba Kaizen:</i> Chapter 5 - 5S Chapter 6 - Muda Chapter 7 - House of Gemba Chapter 8 - Visual Management Chapter 9 - Supervisors' Role in	LBC BOK Module 2 ➤ CPI Techniques & Practices Practice Test 4 Answers

	Gemba <i>Learning to See:</i> Part IV- The Future-State Map Part V - Achieving the Future State Complete Practice Test 4	
Session 5 Web Interactive Saturday October 25 9-11 a.m. CDT	Study Notes for Session 5 <i>Lean Production Simplified:</i> Chapter 6 - Jidoka Chapter 7 - Involvement Chapter 8 - Hoshin Planning <i>Lean Thinking:</i> Part II - From Thinking to Action (Chapters 6-11) Complete Practice Test 5	LBC BOK Module 3 ➤ Principles of Consistent Lean Enterprise Culture ➤ Processes for Developing Consistent Lean Enterprise Culture ➤ Consistent Enterprise Culture Techniques & Practices Practice Test 5 Answers
Date	Reading Assignments	Class Session Topics
Session 6 Web Interactive Saturday November 8 9-11 a.m. CDT	Study Notes for Sessions 6A and 6B <i>Lean Thinking:</i> Part III- Lean Enterprise (Chapters 12-13) Part IV - Epilogue (Chapter 14-15) <i>Gemba Kaizen:</i> Chapter 10 - Gemba Managers' Role Chapter 11 - From JIT to Total Flow Management Chapter 12 - JIT at Wiremold Chapter 13 - The CEO's Role in Kaizen Chapter 14 - Going to Gemba Complete Practice Tests 6A and 6B	LBC BOK Module 4 ➤ Principles of Business Results ➤ Measurement Systems ➤ Key Lean Related Measures Practice Tests 6A and 6B Answers Setting the Date and Location for the LBC Exam. See Exam Proctor Requirements below. Study Schedule Between Now and the LBC Exam

BOK = Body of Knowledge

CPI = Continuous Process Improvement

Who may proctor my exam?

Your exam proctor can be your manager, supervisor, Human Resources representative, a key administrator; a member of an SME chapter, ASQ section or AME region; a local college or

university, library, or an authorized facilitator at an upcoming face-to-face review program. – See more at:
<http://www.sme.org/sme-certification-faq.aspx#applying-7>

Primary Reference Materials

Gemba Kaizen by Masaaki Imai, Second Edition, 2012. McGraw-Hill, ISBN 0-07-179035-2

Lean Thinking by James P. Womack, 2003. Free Press, ISBN 978-0-7432-4927-0

Lean Production Simplified by Pascal Dennis, 2nd edition, 2007. Productivity Press, ISBN 978-1-56327-356-8

Learning to See by Mike Rother, 2009. Lean Enterprise Institute, ISBN 0-9667843-0-8

The Lean Bronze Study Materials can be purchased as a package from SME at www.sme.org for \$144.13 member and \$160.15 nonmember plus tax, shipping and handling costs for members.

Course Fee: \$900

Register online and pay by credit card at www.apics-foxriver.org

LBC Exam Fee: \$448.50 SME members; \$690

Regular nonmembers

Contact chuckgates@sbcglobal.net or chuck.gates@smechapter5.org with questions.