

*February Greetings from the
Education Committee of
ASQ North Jersey Section 304!*



**ASQ CERTIFICATION –
SECURE YOUR FUTURE NOW!**

ASQ North Jersey Section (304) is very pleased to announce personalized instructor led training in preparation for:

- *The March 7th Certification Exam*
- CSSBB, CMQ-OE, CQI, CRE, & more
Thank you for registering for our winter semester which is now in progress. Our students are averaging about 95% on their practice exams!

- *The June 5th ASQ Certification Exam - CSSGB, CQE, CQA, CSQE, & the new CPGP – Certified Pharmaceutical GMP professional*
→ *REGISTRATION is NOW OPEN!!! – Please see form below.*
- *Advanced Training Programs*
DOE, DFSS, ECP, ISO, Lean, Minitab, & PBA

To register please scroll below...

Also for the most current information, visit our website:

[ASQ North Jersey Education](#)

- *Applications are now being accepted for the 2010 Larry Turbett Scholarship. Chapter 304 members in good standing are invited to nominate qualified High School Seniors with college plans!*

For the most current information, please visit our website:

[ASQ North Jersey Turbett Scholarship](#)

- *2010 Spring Quality Conference – 15-April-10 – Keynote Speaker:*
DONALD J WHEELER, Ph.D., ASQ Fellow - world renown author of over 20 quality texts will present:
“Two Routes to Process Improvement”
- Please reserve the date!

For the most current information, please visit our website:

[2010 Spring Quality Conference](#)

• *6:00 PM-Wednesday, Feb. 17, 2010:*

“Software Testing and Quality Assurance Techniques”

Presented by: **Sanford M. Sorkin**

For the most current information, please visit our website:

[ASQ North Jersey Meeting Schedule](#)

Spring Semester Certification Courses

Our Mission is to help Knowledge Workers increase their Productivity!

In addition to public courses our instructors are also available to conduct courses onsite at your own facility!

We also offer a \$15 discount off your tuition for each registered student you recommend.

Certified Quality Auditor (CQA)

The Certified Quality Auditor is a professional who understands the standards and principles of auditing and the auditing techniques of examining, questioning, evaluating and reporting to determine a quality system's adequacy and deficiencies. The Certified Quality Auditor analyzes all elements of a quality system and judges its degree of adherence to the criteria of industrial management and quality evaluation and control systems.

Course runs on Saturdays, for 25 hours (5 weeks) Tuition is \$495.00

Certified Six Sigma Green Belt (CSSGB)

The Six Sigma Green Belt operates in support of or under the supervision of a Six Sigma Black Belt, analyzes and solves quality problems and is involved in quality improvement projects. A Green Belt is someone with at least three years of work experience who wants to demonstrate his or her knowledge of Six Sigma tools and processes.

Course runs on Saturdays, for 40 hours (8 weeks), Tuition is \$695.00

Certified Quality Engineer (CQE)

The Certified Quality Engineer is a professional who understands the principles of product and service quality

evaluation and control. This body of knowledge and applied technologies include, but are not limited to, development and operation of quality control systems, application and analysis of testing and inspection procedures, the ability to use metrology and statistical methods to diagnose and correct improper quality control practices, an understanding of human factors and motivation, facility with quality cost concepts and techniques, and the knowledge and ability to develop and administer management information systems and to audit quality systems for deficiency identification and correction.

Course runs on Saturdays, for 40 hours (8 weeks). Tuition is \$695.00

Certified Pharmaceutical GMP Professional (CPGP)

The Certified Pharmaceutical GMP Professional is intended for those knowledge workers involved in finished drug product, API, excipient, drug component, or combination product industries. CPGP is a brand new certification that now has been introduced by ASQ in 2009. The course will provide a fundamental understanding of current international Good Manufacturing Practices which in the United States and abroad are quality systems mandated by federal legislation. Curriculum will cover the full CPGP Body of Knowledge in preparation of the ASQ certification exam. Course topics include international global regulatory frameworks such as full FDA CFR 210/211, relevant regulations and guidelines, mutual recognition agreements, quality management systems, laboratory systems, infrastructure (facilities, utilities, equipment), materials and supply chain management, sterile and non-sterile manufacturing systems, filling/packaging/labeling, product development, and technology transfer.

Course runs on Saturdays, for 40 hours (8 weeks). Tuition is \$695.00

Certified Software Quality Engineer (CSQE)

The Certified Software Quality Engineer understands software quality development and implementation, software inspection, testing, verification and validation; and implements software development and maintenance processes and methods.

Course runs on Saturdays, for 40 hours (8 weeks), Tuition is \$695.00

More Spring Semester Courses

EXCLUSIVE OFFERING!

Practical Applications for Process Improvement & Six Sigma Projects with Minitab

Prerequisites: Understanding Total Quality Management and/or Six Sigma statistical tools & laptop computer. Free 30 day trial software is available. This will be a twenty-five hour workshop. Topics include Minitab vs. Excel worksheet, column-izing raw data, stratified frequency plots, and much, much more! Tuition is \$495.

EXCLUSIVE OFFERING! Effective Cost of Production Workshop (ECP)

Due to popular demand of our recent seminar we are offering a new workshop in ECP!

The Effective Cost of Production (ECP) is a simple analytical method that was created to determine how much a continual improvement project will cost in the language that managers prefer: \$Dollars\$

Introduced by Donald J. Wheeler in his book *The Process Evaluation Handbook*, ECP is a powerful tool that enables organizations to determine the actual excess cost of their current processes. By comparing potential project options, ECP provides management the specific monetary benefits that can be derived by implementing a process-specific continual improvement program. This will be an eight hour workshop which typically will be run in two sessions that are four hours each. Tuition is \$195. The student will be strongly encouraged to analyze data from their own everyday work situations.

Please register to find out: [How Much Will Your Project Cost?](#)

EXCLUSIVE OFFERING! Practical Lean Six Sigma Workshop

This workshop will offer practical insight in the general principles and methodologies of:

Lean Manufacturing / Value Stream, Current State and Future State Mapping / Kaizen Blitz Process / DMAIC Phases of Six Sigma / Statistical Process Control (SPC) / After Action Reviews (AARs)

Continual Improvement – Process Behavior Analysis (PBA)

This course introduces the student to the practical and effective implementation of continual improvement using Process Behavior Analysis for consistent output that is on-target with minimum variation. The techniques covered in this course will be useful to all functions within the manufacturing & service industries. This includes traditional areas of implementation such as production/operations, quality control, product testing, research & development; as well as more recent successes in the

sales, marketing, health care & customer service functions where an accelerating number of case histories are available for study. The student will be strongly encouraged to analyze data from their own everyday work situations.

Process Behavior topics include:

- Approaches to Variation
- Shewhart's Process Behavior Charts
- Capability, Stability, and World Class Quality
- Using Process Behavior Charts for Continual Improvement
- From Where do Those Chart Constants Come?
- Getting Started

Advanced level topics are also available for continuing education:

- The Shewhart Catechism
- The Four Foundations of Shewhart's Charts
- Statistics versus Parameters
- Estimating Dispersion Parameters
- Calculating Limits with Small Amounts of Data
- Power Functions for Process Behavior Charts
- The Characterization of Product

Robust Design for Six Sigma - DFSS

This course will teach the student the practical uses of DFSS (Design for Six Sigma). DFSS is a critical component of six sigma and lean manufacturing. It is a powerful analytical tool which assists the professional to find critical process inputs to insure a high quality product at the lowest cost. DFSS is intended to be used at the product/service design stage as well as the production stage. Students will be able to work and start designing as well as implementing experiments. Note: They should bring a statistical calculator.

Course topics include:

- Introduction to DFSS
- Orthogonal Arrays
- Steps in the DFSS process
- Setting up for DFSS
- Conducting the DFSS
- Analyzing the results
- Interactions
- Triangular tables
- Hybrid designs
- Signal-to-Noise Analysis

ISO 9001:2008

This course will provide each participant with an understanding of how to develop, implement, and maintain Quality Management Systems (QMS) to conform to the brand new requirements of ISO 9000:2008 at the lowest cost to the organization. The discussions will focus on understanding the latest requirements and developing a program to both implement and maintain these requirements. Course topics include:

- Value-added QMS
- Quality Documentation (Procedures & Records)
- Internal Auditing
- Case Study Discussions
- The Process Approach to QMS
- Simple and effective implementation of CAPA (Corrective and Preventive Action)
- How to survive and prosper from a registrar audit

All classes taught by ASQ CERTIFIED instructors

Public classes are run on Saturday mornings - target start date is 27-March-2010.

Please register today.

Instructors are also available to perform in-house training at your organization's own facility!

For the most current information, please visit our website:

[ASQ North Jersey Education](#)

ASQ NORTH JERSEY COURSE REGISTRATION FORM

FIRST NAME: _____

LAST NAME: _____

HOME ADDRESS: _____

CITY, STATE, ZIP: _____

HOME PHONE NUMBER: _____

COMPANY NAME: _____

WORK ADDRESS: _____

CITY, STATE ZIP: _____

WORK PHONE NUMBER: _____

ASQ MEMBER NUMBER: _____

E-MAIL ADDRESS: _____

COURSE # and NAME: _____

ENCLOSED FEE

Method of Payment: Check__ Charge__ (Visa__ MC__ AMEX__ Discover__)

Credit Card Account No.:

Expiration Date (MM/YY): _____

Name on Credit Card: _____

Signature _____ Date _____

MAKE CHECKS PAYABLE TO "NORTH JERSEY SECTION ASQ",

PLEASE SEND REGISTRATION AND PAYMENT TO:

Susan Smarth, Education Committee Treasurer
ASQ North Jersey Section 304 Education Registration
PO BOX 143
Whippany NJ 07981

Target location:

St. Paul classrooms
51 Mountain Way
Morris Plains, NJ