



Selected Statistics Refresher for Certifications

2012 Seminar

6:00 PM to 9:00 PM, Thursday May 3, 2012

At Monroe Community College – Damon City Campus

Rochester Section 0204

Purpose:

Attendees will reacquaint themselves with several tests of statistical tests of significance and analysis of error, and as part of ASQ's Body of Knowledge categories for CQE, Green Belt, and/or Black Belt (re)certifications.

Who should attend?

Anyone needing to be involved in sampling and hypothesis testing, and those seeking to obtain or maintain their ASQ certifications in one or more of the following: Certified Quality Engineer, Green Belt, Black Belt.

Course Detail:

- The following topics will be reviewed:
 - *Definitions and meanings:* Null hypothesis, Significance and Non-significance.
 - *Statistical tests and analysis:* Hypothesis tests, ANOVA, t-tests, f-tests.
 - *Errors:* Alpha/Beta Risk, Type I/II Errors, Sample sizes and sampling Errors, Margin of Error.
- The workshop format will consist of lecture with individual and small group exercises.
- The workshop will consist of one, 3-hour session.
- Handouts will be provided.

Instructor Bio: *Janet Nelson*, J Nelson Enterprise LLC / OQL Solutions

Janet Nelson is the President of OQL Solutions. OQL Solutions is a consulting resource specializing in Operations, Quality, and Customer Loyalty improvements and is a service geared to managing change and growth. Janet has a record of leading teams in successfully improving operational efficiencies, quality performance, and customer loyalty & retention and in positively impacting the bottom line. OQL Solutions' client base is primarily centered in North America and Asia and involves the private, public, and not-for-profit sectors.

Janet has a background as a corporate leader with extensive experience in operations, product development & engineering, as well as has held key positions in quality and strategy; having worked in senior positions in Xerox Corporation and Eastman Kodak. She has worked with small companies and not-for profits. Janet is proficient in Six- Sigma and Lean Manufacturing and holds a Master's degree in Systems Engineering from the Rochester Institute of Technology, and a Bachelor of Science in Applied Science from the State University of New York. She is a *certified Six Sigma Black Belt* from the American Society for Quality where she is also a senior member and instructor.



For questions or concerns contact Paul Bonsignore at paulbonsignore@hotmail.com

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**One evening seminar at:
Monroe Community College – Damon City Campus**

**MCC’s Damon City Campus, 228 East Main Street
Rochester, New York 14604 Phone: (585) 262-1600**

From the West (Buffalo area):

Take Thruway 90 east to exit 47. Take 490 east to the Inner Loop (the Inner Loop is accessed from the left lane-adjacent to Frontier Field); exit St. Paul St.; turn right; go two traffic lights; turn left on Mortimer St.; park in St. Joseph Garage at end of Mortimer St., enter the Sibley complex from the 1st or 3rd floor of the garage; take elevator or escalator to Damon City Campus located on the 4th and 5th floors.

From the East (Syracuse area):

Take Thruway 90 west to exit 45. Take 490 west to downtown; exit Clinton Ave.; go four traffic lights to East Main Street (the campus is located to the right on the corner of East Main St. & Clinton Ave.); cross East Main St. and park in St. Joseph Garage located directly behind the Sibley Bldg.; enter the Sibley complex from the 1st or 3rd floor of the garage; take elevator or escalator to Damon City Campus located on the 4th and 5th floors.

Sign-in with Security at front desk on fourth floor. Door is secured—students must arrive by 6 P.M.

**Thursday May 3, 2012
6:00 PM to 9:00 PM**

Course price \$75
ASQ member discount price \$70

Includes: Seminar materials

**Please send the following information to confirm a reservation to:
Paul Bonsignore at paulbonsignore@hotmail.com**

Name: _____

E Mail: _____

ASQ Member Number: _____

Work Phone: _____ Home Phone: _____

**Make Check Payable to ASQ Rochester Section;
Send Check to:
Paul Bonsignore
59 Mooring Line Dr
Rochester, NY 14622**