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Notice of Membership Meeting & Tour Sign-up

Wednesday, April 22, 2015

Art Gallery of Burlington

1333 Lakeshore Road, Burlington
(See Map & Directions Below)

7:00 pm Registration - Social – Networking
Coffee / Tea

7:30 pm Welcome and Presentation

Fee: Non-members \$10, Students and Members
are FREE

Non-member Guests are Welcome



Topic: Lean Process Improvement

Speaker: D. Paul Scarbrough

Chair, Associate Professor of Accounting, Brock University

Although none of the facts in the presentation will be new, I hope to make connections that you may not have considered before, including a way to connect improvement to profitability.

Three connected topics related to implementing Quality/Lean programs are discussed: 1. Implementation differences between Quality/Lean programs and other types of strategic initiatives are described in light of senior management risk preferences and implementation difficulty. This includes reasons that quality/lean implementation is more difficult than ERP or other strategic projects. 2. The contributions of SPC and Lean approaches to improvement and knowledge development are described.

3. How quality improvement can be connected to profitability is discussed through the lens of Lean Production.

Paul Scarbrough - Biography

Professor Scarbrough has been at Brock University since 1995 and has held several positions in the Goodman School of Business. Prior appointments include Boston University and Bentley College. His international teaching experience includes Waseda University (Tokyo) and Linneaus University (Sweden). Paul's research interests include cost reduction, and the effect of corporate culture on the use of cost reduction methods.



Contact Information

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Art Gallery of Burlington



Driving Directions

From Niagara or Hamilton East - Take the first exit (North Shore Blvd) at the north end of the Skyway Bridge. Keep to the right, pass the Joseph Brant Hospital and Maple Ave. Turn left at Brock Ave and make an immediate right into the driveway of the Art Gallery of Burlington. If you miss the driveway, continue to the corner of Brock and Elgin and make a right - enter the parking lot on your right.

From Toronto or Hamilton West - Take QEW Niagara and exit at North Shore Blvd. Turn left at the end of the ramp and continue under the QEW. You will pass the Joseph Brant Hospital and Maple Ave. Turn left at Brock Ave and make an immediate right into the driveway of the Art Gallery of Burlington. If you miss the driveway, continue to the corner of Brock and Elgin and make a right - enter the parking lot on your right.

Members planning to attend this meeting please e-mail Kris Krishnamoorthy at krishnam55.kk@gmail.com by the preceding Friday.

Please include your name and phone number as well as the name of your guest should you intend to bring someone.

Members who pre-register in this way and attend are eligible to enter TWO of their business cards into a prize draw which is held semi-annually.



Other Upcoming ASQ Events

Event	Organizer	Date	Details
ASQ Spring Seminar	ASQ Toronto	Apr 21, 2015	www.asqtoronto.org
2015 World Conference on Quality and Improvement	ASQ	May 4-6	www.asqhamilton.com or www.asq.org/wcqi
Tour Event - Additive Manufacturing Resource Centre, Mohawk College	ASQ Hamilton	May 13, 2015	www.asqhamilton.com



Message from the Chair

Dear Friends,

Welcome to the Spring 2015!

Like most of you, I feel a sigh of relief from the prolonged winter season. Now that spring has arrived, let us spring into action and enjoy the 'Quality' days ahead. To this end, I invite you all to take part in as many Quality events as possible, share your wealth of knowledge with the fellow members and support our efforts in raising the voice of quality in our community.

The Hamilton Section Executive Committee is keen in promoting Quality in the local community. Towards this goal, we would like to hear your thoughts on how we can improve the Section affairs and add value to the membership. By this time, you should have received an e-mail from our Section Secretary to solicit your feedback on the three most important issues that should be addressed so as to increase the member value. Please take a few minutes to respond to this e-mail with your valuable input.

On behalf of the Executive Committee, I would like to take this opportunity to thank all those members and guests who attended our Section Membership Meeting on March 19, 2015. I hope everyone enjoyed the Presentation on the topic - "ISO 9001:2015", thanks to Emily Delisle of The Registrar Company. For the benefit of the members who were unable to attend this event, a pdf copy of this Presentation has been posted in the Hamilton Section website. Here is the link to this Presentation:

<http://www.asqhamilton.com/postings/2015-03-19iso-9001-2015-update-session.pdf>

For those looking for more information on what is happening in the Standards area, ASQ offers a valuable online resource through the ASQ Standards Channel. This is a free service to ASQ members. I encourage all members to make use of this service. Check out this link for more information:

<http://videos.asq.org/product-category/channel/1-the-basics-of-the-iso-9001-revision>

The next Hamilton Section Membership Meeting will be held on 22 April 2015. At this event, you will have the opportunity to attend an interactive Presentation by Prof Paul

Scarborough of Brock University on the popular topic – “Lean Process Improvement”. Mark your calendar to attend this Meeting. Note that this is a free event for Hamilton Section members and Students. See the Newsletter for more information about this event and other topics of interest.

I look forward to seeing you at this event.

Sincerely,
Kris Krishnamoorthy, P. Eng.
Chair, ASQ Hamilton Section (0400)



Congratulations to the following Certificate Achievers in the March 2015 ASQ Examinations:

Tina Chang - Certified Manager of Quality / Organizational Excellence

Harminder Chohan - Certified Six Sigma Black Belt

Ameya Warty - Certified Six Sigma Black Belt

Tammy Gamble – Certified Six Sigma Yellow Belt

Kelly Kiyonaga – Certified Six Sigma Yellow Belt



Advantages of Senior Membership!!

Take advantage of an ASQ Senior Membership and get the benefit of enhanced benefit selections!

A Senior Membership allows you to choose ONE of the extra benefit options listed below which is included with Senior Membership dues of \$159.00,

- Select one journal of your choice

Select two divisions of your choice

- Select one additional section of your choice

To become a Senior Member, all you need to do is meet the following criteria;

- You have been an ASQ Full member and in good standing for one year
- Have 10 years of professional experience
- Meet one of four professional criteria outlined on the Senior Membership application

Go to <http://asq.org/membership/individuals/senior.html> for more information on the exciting benefits of Senior Membership.



Quality Assurance / 3D Printing (Additive Manufacturing) / CMM & GD&T Courses at Mohawk College

It is another successful semester for the Q.A. Certificate courses. QC101 Quality Concepts, Techniques and Motivation is being taught by Joe Curto C.Q.E.

The CE classes offered are:

- QUALQC101 Quality Concepts, Techniques & Motivation - January offering
- MATHQC102 Statistical Process Control 1 - April offering
- MATHQC103 Statistical Process Control 2 - September offering
- QUALQC104 Availability, Reliability & Maintainability - January offering
- QUALQC105 Principles of Metrology - September offering
- QUALQC106 Inspection & Testing - April offering


A CE course is offered for 3D Printing/Additive Manufacturing in the microlab in E wing. 3D Printing is the production of a part by adding material rather than the conventional process of removing material. The advantage of 3D Printing is the reduction of waste and the production of complex shapes that cannot be obtained by conventional processes. The lab is equipped with computer workstations for the design of the part and Afinia and Uprint printers to produce it, the current project is to produce a chess set.

Two courses offered under Mechanical Design which may be of interest are CMM (Coordinate Measuring Machine) and GD&T (Geometrical Dimensioning & Tolerancing).

If you would like more information on the courses the details are contained in the Mohawk College CE catalogue or you can contact:

Bill Stewart, C.Q.E, RABQSA
Program Manager
School of Continuing Education

william.stewart6@mohawkcollege.ca
<http://www.mohawkcollege.ca/continuing-education.htm>





Tour of 3D Printing Lab (AMRC) at Mohawk College **135 Fennell Ave W, Hamilton**

Date: Wednesday, May 13, 2015 – 3 pm

Additive manufacturing – often called 3D printing – is a process for creating complex parts using a laser to deposit and fuse hair-thin layers of powdered metal or plastic as directed by input from CAD data. This process offers several advantages: there is little waste and components can be built as whole units rather than individual parts needing assembly. This saves labour and eliminates potential failure points where screws, bolts or welds hold parts together. The technology is revolutionizing everything from aerospace and automotive components to toys and medical implants, to bicycle parts.

The Additive Manufacturing Resource Centre (AMRC) at Mohawk College offers designers and manufacturers one of the first collaborative, low-risk environments in Canada to explore additive manufacturing. The Mohawk lab is the best-equipped academic institution of its kind in Canada, with market-leading laser systems which allow for variation in part shape, weight, thickness and density of different materials. Metal powder alloys used include titanium, aluminum, stainless steel and cobalt / nickel chrome steels. Plastic materials include polyamine and polystyrene.

The tour will be conducted by Robert Gerritsen, Professor, Mechanical Engineering and the Centre's Director, and is expected to take about 1.5 hours.

Attend our April 22 membership meeting if you want to sign up for this tour, as there is a tour group size limit of 20.

The section is charging a \$10 fee to attend this tour, payable on sign up. Priority will be given to ASQ Hamilton Section members.

Directions to 3D Printing Lab at Mohawk College

For directions to Mohawk College Fennell Campus and the Visitors' Parking Lot click on:

<http://www.mohawkcollege.ca/maps-directions/fennell.html>

On arrival at the Visitors' Parking Lot, tell the attendant that you have come for a tour of the 3D Printing Lab, and the attendant will direct you to a reserved area for you to park. Please note that you will need \$9 for the Pay & Display machine – exact cash only – for 2 hours parking.

When you enter the main building, you will go through a lobby, then up the stairs towards the McIntyre Theatre. Turn left and then right at the first hallway – long and narrow with windows on the left side. When you get to the T-junction, continue straight into i-Wing, go down the stairs then turn left at next hallway. I-131 is on the left.





Web-based CQE Practice Exams

ASQ Hamilton Section provides a complimentary web-based e-learning solution for candidates wishing to become ASQ-Certified Quality Engineers (CQE). For further details go to: <http://www.asqhamilton.com/cqepexam.htm>



Jobs and Ads Web Page

Check out our Jobs & Ads web page for employment opportunities in the quality field.

Link on side bar at www.asqhamilton.com

Also posted on [LinkedIn](#) and on [Facebook](#)

ASQ Hamilton members seeking employment or a career change can also have their resumes posted in the Classified section of our Jobs and Ads web page. There is no charge for this service to our members. Resumes (MS Word preferred) should be sent to the section webmaster Stan Sobota at stats_me@email.com



The ASQ Hamilton Section Newsletter is posted online about seven times per year to announce upcoming section meetings, facility tours and other events of interest to members.

The newsletter will be sent electronically only to those members who have agreed to receive Section information by e-mail.

Except for the September issue, the newsletter is not sent out by regular mail.

IMPORTANT: To ensure that you receive your electronic copy, as well as special announcements of ASQ events in between issues, check your ASQ profile at www.asq.org. Log in and type the word profile in the search box.

Select My Account: Update Your My ASQ Profile, and verify that your correct e-mail address is included in your profile.

**IF YOU HAVE CHANGED YOUR E-MAIL ADDRESS,
PLEASE UPDATE IT AS DESCRIBED ABOVE.
WE CANNOT UPDATE YOUR E-MAIL ADDRESS AT THE SECTION LEVEL.**

