



## Message from the Chair

The Richmond/Delta Branch of APEGBC serves approximately 1,500 members living or working in the area. The branch committee includes key stakeholders from the community such as the City of Richmond, the Corporation of Delta, YVR, Kwantlen Polytechnic University (KPU), and Richmond Public Library, all working together to share their wealth of knowledge and experience. The branch's primary goal is to engage its members through dinner presentations, tours, social activities and facilitate

communications between members and Council or Committees. The branch also strives to keep members informed about issues/topics which it feels are important to Richmond/Delta. Please check the Richmond/Delta web page [apeg.bc.ca/rd](http://apeg.bc.ca/rd) for events and other information.

If you have an idea for a tour, presentation, or simply would like to join our branch I would encourage you to attend one of our branch meetings usually held every 2nd Tuesday of the month at KPU, scheduled room will vary. Please contact us at

[rd@apeg.bc.ca](mailto:rd@apeg.bc.ca) if you plan to attend. The branch will continue to strive towards alignment with APEGBC's strategies and play an active role within the community through various programs, namely mentoring, professional development, knowledge sharing, student outreach, and general networking opportunities. This Newsletter is an attempt to describe a part of our branch activities in the year of 2016.

Fardin Barekat, EIT

## **Branch Executive Members 2016 – 2017**

### **Executive Committee**

Fardin Barekat, EIT, Chair  
Peter Bryce, P.Eng., Vice-Chair  
Dr. Hamid Ghanbari, P.Eng., Past Chair (2014-2015)  
Edward Cheung, P.Eng., Secretary  
Earl Masarsky, P.Geo., Treasurer  
Nima Moazen, EIT, Communication Coordinator  
Ehsan Maleki, EIT, Event Coordinator  
Dr. Mohsen Seraj, EIT, Newsletter Coordinator  
Abbas Nikbakht and Fardin Barekat, EIT, NEGM Coordinator

### **Branch Councilor & Previous Chairs**

David Harvey, P.Eng., Councilor  
Richard Farbridge, P.Eng., Councilor  
Phillip Chow, P.Eng., Past Chair (2013-2014)  
Ravee Ramakrishnan, P.Eng., Past Chair (2011-2013)

### **Representatives**

Melanie Au, Richmond Public Library  
Jessica Leung, EIT, Corporation of Delta  
Don Mathewson, Kwantlen Polytechnic University  
Corrine Haer, EIT, City of Richmond  
Carissa Wells, P. Eng., YVR  
Eric Chan  
Abdolali Faghieh-Ordobadi  
Abbas Nikbakht

### **Members-at-Large**

Ron McOuat, P.Eng  
Mohsen Barkh, P.Eng.  
Kevin Deng, P.Eng.  
Earl Masarsky, P.Geo.  
Kevin Liang, EIT

## ***Autodesk Fusion 360 Workshops (Introduction to 3D Design)***

*Richmond Public Library - Brighthouse, Richmond, BC*

Credit: 1.5 Professional Development Hours (PDHs)

The Richmond/ Delta Branch hosted a five part series at the Richmond Public Library, titled, "Introduction to 3D Design" where 15 participants learned the basic concepts of 3D design, and in the final class they created their designs using a 3D printer.

In the five weekends during the second half of September and first half of October 2016, the Richmond Delta Branch of APEGBC hosted a five session workshop series on "Introduction to Autodesk Fusion 360", which was created by Fardin Barekat.

Saturday Sep 10, 2016

Saturday Sat Sep 17, 2016

Saturday Sep 24, 2016

Saturday Oct 1, 2016

Saturday Oct 8, 2016

There were a total of 15 adults in the classes. As an adult class because of the subject matter, the students took part in learning the basic concepts to design a 3D model with the available tools in the Fusion 360 environment. Also, some activities were designed for practicing in class.

In the beginning sessions the students learnt how to use the tools and the options available to them. Then the students were able to design 3D parts and shapes for 3D printing or just for fun. The end goal of this class series was for the students to be able to create a paper drawing of their 3D models in this software, after which they can print it in 3D.



[www.apeg.bc.ca/rd](http://www.apeg.bc.ca/rd)

## *Upcoming Events*

Please note that our events are typically open to the general public. Come see how Engineering and Geosciences contribute to our communities. For our upcoming events, visit [apeg.bc.ca/events](http://apeg.bc.ca/events) and select the Branches filter, then select Richmond/Delta from the drop down menu.

## *Professional Development Events*

Registration and further information can be found from the following website:  
[apeg.bc.ca/events](http://apeg.bc.ca/events)