



Minutes

ACADEMIC REQUIREMENTS COMMITTEE (ARC)

Friday, October 18th, 2019

PRESENT

Members

Subramanian, Ramesh (Chair)
EIMaraghy, Waguih (Vice Chair)
Bhole, Sanjeev
Dimitriu, Judith
Fam, Amir
Fraser, Roydon
Nakhla, George
Notash, Leila
Pop-Iliev, Remon
Rizkalla, Amin
Shehata, Medhat
Silmsberg, Juri
George-Cosh, Stelian
Stewart, Allen
Szabados, Barna
Tsang, Seimer
Yeow, John

Guests

Kiguel, David
(ERC Chair)
Sadr, Changiz
(ERC Vice Chair)

Staff

Carinci Lio, Anna
Farag, Moody
Georgis, Faris
Khan, Josephine
Kim, Esther
Millstein, Sylvia
Zdan, Irene

Regrets

Dony, Bob
Ennis, Bernie
Hulley, Michael
Judd, Ross
Lebel, Pauline
Liu, Meilan
Lostracco, Joe

Marsland, Ian
Mohareb, Magdi
Sheikh, Shamim
Zywno, Gosha

1. Call to Order and Chair's Remarks

The meeting was called to order by Chair Ramesh Subramanian at 10:32 am. The Chair introduced Sylvia Millstein from Corporate Services.

2. Approval of the Agenda

MOTION

It was **moved by** Barna Szabados and **seconded by** Waguih EIMaraghy that the agenda be approved as distributed.

CARRIED

3. Approval of the Minutes of September 13, 2019

MOTION

It was **moved by** Waguih ElMaraghy and **seconded by** Leila Notash that the minutes of the September 13, 2019 be approved as presented.

CARRIED

4. Matters Arising from the Minutes

The Chair invited Jordan Max to the November 8, 2019 ARC meeting to discuss questions regarding amendments to the policy of The Elimination of Bias. The Chair suggested that the Committee send their questions to Moody Farag, before the end of October, which will then be forwarded to Jordan Max for his response at the November 8, 2019 ARC meeting.

Roydon Fraser asked if the ‘Conflict of Interest’ was defined in his absence at the last meeting.

The Chair suggested we pose this question to Jordan Max at the November 8, 2019 meeting.

5. Chair’s Report

The Chair thanked PEO for the sympathy card on the passing of his mother on September 22.

At the last meeting, the ARC discussed the Articling Engineer Certificate, which was to be presented to Council. The Briefing Note (C-529-2.12) was presented at the 529th Meeting of Council on September 19-20, 2019. The Chair asked Leila Notash to speak to the Committee regarding the outcome.

Leila Notash noted that there was only one comment from a Councillor stating that, “Whatever was done could be done under EIT”. She also noted that the motion was defeated: twelve against; two abstained; and, seven voted for it.

Faris Georgis suggested that the Committee wait until after the Action Plan is being implemented to put forth new policies that are in the realm of the Cayton Report recommendations.

The Chair completed his Report by making a presentation to one of their colleagues, Mr. John Yeow, who has become a Fellow with Engineers Canada. Mr. Yeow contributed ten years of volunteer service to PEO. He is now “FEC, P.Eng.”.

6. Staff Report

Moody Farag reported that the focus now is on the Cayton Report and the ARC kindly requested to refrain from producing new policies or revising existing policies until the Cayton Report issues have been addressed or there is an Action Plan.

Other issues to report will be discussed in more detail under Item 10.1 – QB Consultation on Syllabi. Engineers Canada has Revised Basic Studies, Computer and Biomedical and this will be discussed in more detail under item 10.1 to provide feedback to Engineers Canada.

7. Endorsements

7.1 Reading Assignment of Technical Reports/Synopses

There were three reading assignments, which were completed; two in manufacturing (Waguih Elmaraghy) and one in electrical (Barna Szabdos).

The titles were:

1. Manufacturing: Design of leak tight and negative pressure contaminated storage area.
2. Manufacturing: The study of an existing compression and assembly production work cell. This is in order to evaluate the process of the cell for an upcoming part production volume increase.
3. Electrical Engineering: Automated testing of bottle cap removal torque for pharmaceutical applications: determination of critical control parameters for consumer representative performance.

7.2 Issues Arising from ARC/ Registrar Recommendations

There were no issues to report.

7.3 Issues Arising from ERC Recommendations for Applicants Referred by ARC

There were no issues to report.

8. Procedural and Related Matters

8.1 Licensing Committee (LIC) Update

Barna Szabados updated the Committee on the LIC meeting, which was held on October 17, 2019.

There were two topics of discussion, one regarding Council and how they should proceed regarding roadblocks that the Committee is facing.

The LIC's other activity was that, they took the three recommendations that were adopted by Council and put elements of their recommendations in their Work Plan for the upcoming year.

8.2 Canadian Engineering Accreditation Board (CEAB) Update

The Chair, Ramesh Subramanian updated the Committee on the CEAB meeting that was held.

There are two new members on the CEAB, Waguih ElMaraghy and Allen Stewart.

There was an in-camera session about onsite documentation for the current 2019-2020 accreditation cycle, as there was some ambiguity about the kind of documentation needed for outcomes assessment.

The International Engineering Alliance meeting was held in Hong Kong June 9-14, 2019. There were three new provisional members to the Washington Accord; Myanmar, Indonesia and Thailand. The application for Nigeria was still not accepted and it's on hold.

8.3 Canadian Engineering Qualifications Board (CEQB) Update

Roydon Fraser provided the Committee with an update on the CEQB meeting.

The Board passed the Introductory, Developing and Advanced (IDA) principles for admissions. Saskatchewan is having their examiners test it and they are testing it more, and they seem to really like it, because they are assessing the individual now.

There was the recommendation of reducing the number of Civil Engineering, Environmental and Structural Syllabi, which goes under the IDA proposal. They are just grouped together as A's and B's and it will be coming down to us soon. It's multiple board sheets.

Seimer Tsang asked if there are any updates or development on the definition of Breadth and Depth?

Roydon Fraser reported that the Depth and Breadth was in the IDA. It was watered-down due to people getting confused. The reason for the confusion is that there are four levels of the Depth and Breadth.

8.4 ARC Distance Education (DE) Subcommittee Update

Waguih ElMaraghy provided a verbal report to the one-page status summary report called "Distance Education (DE) Sub-Committee Update #5" (attached).

9. New Procedural Matters for Discussion

No issues to report.

10. Other Business

10.1. QB Consultation on Syllabi.

Moody Farag sent the Engineers Canada Revised Syllabi to ARC members for review and feedback. Allen Stewart presented an overview of the revised syllabi.

Moody Farag received feedback from Seimer Tsang, which has been printed and provided in the meeting. Moody Farag asked Seimer Tsang if he would like to speak to it.

Seimer Tsang's only comment is the wording on the first page, where it indicates (BS-05) should be (BS-04) or he could give the actual course number, other than that he had no other comments.

There was discussion regarding the Syllabi proposal and consensus that there should not be a list of compulsory exams requirement and that CEQB should reduce the number of Basic Studies requirements to 10 exams (4 compulsory and 6 elective).

It was agreed that Moody Farag will provide CEQB with the above feedback and attach to it Seimer Tsang's comments, which were distributed at the meeting.

11. Experience Requirements Committee (ERC) Report

David Kiguel provided a verbal report:

- Their next meeting is scheduled for Friday, October 25, 2019
- The ERC Sub-Committee (ERCSC) met on September 25, 2019
- The ERCSC revisited the proposed change to the ERC Conflict of Interest policy, based on feedback received from the LIC and ERC members participating in the LAP
- We reviewed the conduction of training sessions given by ERC members to individuals or small groups. The change in the policy is that these activities will be permitted, as long as there is no monetary or any other compensation. We will be requesting endorsement by the ERC on October 25, 2019.

12. Adjournment:

The meeting adjourned at 1:05 p.m.

The next ARC meeting is scheduled for **November 8, 2019.**