



Minutes

ACADEMIC REQUIREMENTS COMMITTEE

Meeting of Friday, January 19, 2018

PRESENT:

Members:

R. Subramanian, Vice Chair
Judith Dimitriu
Bob Dony
Waguhi ElMaraghy
Amir Fam
Roydon Fraser
Stelian George-Cosh
Michael Hulley
Remon Pop-Iliev
Meilan Liu
Ian Marsland

Magdi Mohareb
George Nakhla
Amin Rizkalla
Juri Silmberg
Shamim Sheikh
Medhat Shehata
Allen Stewart
Barna Szabados
Seimer Tsang
Gosha Zywno

Staff:

Michael Price, Deputy Registrar
Anna Carinci-Lio
Moody Farag
Esther Kim
Faris Georgis
Pauline Lebel
Marsha Serrette
Irene Zdan

Regrets:

Leila Notash, Chair
Sanjeev Bhole
Ross Judd
Joe Lostracco
John Yeow

Guests:

David Kiguel, ERC Chair
Changiz Sadr, ERC Vice Chair

1. Call to Order and Chair's Remarks

The meeting was called to order by the Vice-Chair, Ramesh Subramanian at approximately 10:35 AM.

2. Approval of the Agenda

MOTION:

It was **moved** by Gosha Zywno and **seconded** by Amir Fam that the agenda be approved.

CARRIED

3. Approval of the Minutes of the December 8, 2017 Meeting

MOTION:

It was **moved** by Bob Dony and **seconded** by Barna Szabados that the minutes of the December 8, 2017 meeting be approved.

CARRIED

4. Matter(s) Arising from the Minutes

7.3 – Seimer Tsang suggested that before a decision is made to rewrite section 8.6 of the Redbook members of the subcommittee on distance education should read a copy of Engineers Canada Report on distance education. The Committee appointed Waguih ElMaraghy to Chair the Distance Education Subcommittee. Other members on the committee are, Barna Szabados, Judith Dimitiru, Waguih ElMaraghy and Remon Pop-Illev.

5. Chair's Report

No items to report

6. Deputy Registrar's Report

Michael Price reported on the following:

- The HRTO hearing of Mr. Chirkov, written closing arguments from both parties and a rebuttal from Mr. Chirkov have been submitted. No decision has been received at this time.
- The Syllabi that have been approved by the ARC over the last year (Computer Engineering, Engineering Physics, Industrial Engineering, Petroleum Engineering) will be brought to Council at the February meeting for approval.
- The Registrar, Gerard McDonald will be leaving PEO as of February 6, 2018. Johnny Zuccon, Deputy Registrar, Tribunals and Regulatory Affairs at PEO will be the Interim Registrar.
- A memo from President Bob Dony and President Elect Dave Brown related to the strategic plan was sent to the Chair of the ARC. The letter requested that the ARC develop for the consideration of Council, a specific measurable strategy to be undertaken during the strategic plan period to contribute towards two objectives of the 2018-2020 strategic plan. The two objectives being, the augment applicant and licence holder experience, and to create a seamless transition from student member to EIT, to licence holder. A proposal is to be submitted for Council consideration by the end of June 2018. The Chair, Leila Notash and Vice Chair, Ramesh Subramanian will work on the proposal.

7. Endorsements

7.1 Reading Assignment of Technical Reports/Synopses

There are two technical reports one in Manufacturing and the other in Transportation. Medium Voltage Power Connector Optimization Proposal will be reviewed by Stelian George-Cosh. A Study of the Transportation Economics and Operation of High Occupancy Toll Lanes in Texas with Consideration for Ontario will be reviewed by Al Stewart.

7.2 Issues Arising from Recommendations for applicants Referred by ARC

No Items to report

8. Procedural and Related Matters

8.1 Licensing Committee Update

Barna Szabados distributed to the committee working documents on the appeal of academic requirements. The LIC met on January 19, 2018 and made changes to the documents and added an additional flow chart. The committee reviewed and discussed additional changes to the proposal. A final copy of the document will be distributed to the ARC for final review before the next meeting.

8.2 CEAB Update

Bob Dony reported on the Academic Units Taskforce (AUT). The AUT consists of Deans, Regulators, and CEAB members. The taskforce was created to address concerns that Deans had raised about the current method of assessing AU's. The Deans have been surveying the problem nationally. There are valid examples and concerns from the Deans regarding new learning methods. The AU's is a proxy used for curriculum content analysis, therefore, the more hours in a lecture the more content a course has.

The Deans many years ago said they did not want a credit system they wanted something more quantitative and that is why a contact hour based AU was created. The criteria also contains the K-factor which allows an institution to move away from a contact hour based curriculum. In the criteria item 3.4.1.4, it states that we will consider alternative measures of curriculum content measurements with proper documentation/justification. There is a method within the criteria to create an alternative to creating equivalency to AU's. The student hours are the basis of the European credit transfer system. Is there a way that in addition to lecture time; there could be a learning time credit outside of lectures? One of the recommendations is to have an interpretive statement for item 3.4.1.4 which outlines the idea that if you can quantify student learning time for a course, it can be converted to equivalent AU's for those courses that are not easily measured

using the current system. The AUT will send out the results of their survey for broad consultation to regulators and Deans.

8.3 CEQB Update

Roydon Fraser reported that the next CEQB meeting is next week. The subcommittee worked on the guideline of non CEAB graduates. There are three steps to the admission process:

1. Authentication/Verification of academic documents.
2. Assessment of the depth and breadth of education content.
3. Confirmation of the depth and breadth of education.

It will have a huge impact on a few associations because there is also a couple of principles that go along with the procedures. There has been push back from some of the smaller associations on the Principles:

- Assessment must be individualized
- Assessment must be fair
- Documents must be authenticated
- Assessment of breadth and depth of education should be primary quantitative and partially qualitative
- Confirmation of depth and breadth
- Flexibility should be allowed between depth and breadth as long as the minimum threshold is met

This is the proposal that may go out for possible full consultation.

8.4/8.7 Experienced Required for Referral to ERC / ACDE Taskforce

The Committee briefly discussed the history of the experience referral. Seimer Tsang produced a document on the background, and reminded the committee that 10 years of experience was required before an applicant could be referred to the ERC. The ACDE Taskforce was created by Council to reevaluate many of the processes in admission, complaints, discipline and enforcement. The change from 10 years to 5 years was a recommendation from this taskforce and was approved by Council on December 10, 1999. He suggested that the Report of the Task Force on Admission, Complaints, Discipline and Enforcement become an appendix in the Redbook. The committee decided that an appendix would not be required, since the report is available on sharepoint. A link to the report could be added to the Redbook.

8.5 OFC Recommendation Status

Meeting with Fairness Commissioner has been rescheduled to January 31, 2018.

8.6 Assessment of Post Graduate Degrees in Civil Engineering

This item will be removed from the agenda.

8.8. Smith and Wolfe Awards

Each year the ARC provides two awards to applicants who have been licensed during the previous year and those recommendations are then brought forward to Council. The V.G. Smith Award is for an applicant that completed at least five technical exams and had an average of higher than 70%. The S.E. Wolfe Award is given to an applicant who obtained the highest mark on an engineering report and the mark had to be a minimum of 80%.

MOTION:

It was **moved** by Bob Dony and **seconded** by Barna Szabados that Dr. Lawrence William Green, P.Eng. receive the V.G. Smith Award for the best average of the top three technical examinations of 97%, 96% and 93%. He successfully completed a total of ten technical exams with an average of 84%. Mr. Abner Ocampo, P.Eng. receive the S.E. Wolfe Award for his engineering report entitled, Rehabilitation and Design Improvement of Movable Bridge Buffers and Span Locks. He received a mark of 99%.

CARRIED

8.9 ERC Report

David Kiguel reported on the following items of the ERC:

- The Chair and Vice Chair election process is completed. Changiz Sadr was elected as Vice Chair of the ERC for 2018.
- The last ERC Business meeting was on December 18, 2018. There was a training session in the morning and the business meeting took place in the afternoon
- Gerard McDonald attended the Business meeting where he spoke on the matter of complaints filed against volunteers and staff while performing PEO work. He explained that once a complaint is filed there is no alternative other than dealing with it through the Regulatory Compliance Department. The process may take 6 to 8 months to complete. He also reassured members of the ERC that PEO will deal with these types of complaints expeditiously and PEO is committed to assist with legal counsel if necessary. Policy on this matter is being drafted by Michael Price and Linda Latham and a briefing will be submitted to Council at the February 2, 2018 meeting.
- The next ERC subcommittee meeting is on January 25, 2018
- The next ERC business meeting is on March 2, 2018

9. New Procedural Matter(s) for discussion

10. Other Business

David Kiguel reminded the committee that there were directions given by Council regarding the terms of reference. There was one addition stating that each committee develops a succession plan.

11. Adjournment

Meeting adjourned: 12:20 PM

Next Meeting: February 16, 2018