



## MINUTES

### ACADEMIC REQUIREMENTS COMMITTEE

Meeting of Friday, October 27, 2017

#### PRESENT:

##### Members:

Leila Notash, Chair  
R. Subramanian, Vice Chair  
Sanjeev Bhole  
Judith Dimitriu  
Waguhi ElMaraghy  
Ross Judd  
Ian Marsland  
Magdi Mohareb

George Nakhla  
Amin Rizkalla  
Juri Silmberg  
Jacqueline Stagner  
Allen Stewart  
Barna Szabados  
Seimer Tsang  
John Yeow

##### Staff:

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

##### Regrets:

Bob Dony  
Amir Fam  
Roydon Fraser  
Stelian George-Cosh  
Michael Hulley  
Meilan Liu  
Joe Lostracco  
Remon Pop-Iliev  
Medhat Shehata  
Shamim Sheikh  
Gosha Zywno

##### Guests:

Santosh Gupta, ERC Chair  
David Kiguel, ERC Vice Chair

#### 1. Call to Order and Chair's Remarks

The meeting was called to order by the Chair, Leila Notash at approximately 10:35 AM. The Chair introduced Ian Daniels, P.Eng to the committee. He joined PEO in May as a Registration Officer and works with Faris Georgis.

2. Approval of the Agenda

The Chair, requested to add an item under Other Business, Walter Booth School of Engineering Practice and Technology. To be discussed by Ross Judd.

**MOTION:**

It was **moved** by Ramesh Subramanian and **seconded** by Barna Szabados that the agenda be approved as amended.

**CARRIED**

3. Approval of the Minutes of the September 22, 2017 Meeting

**MOTION:**

It was **moved** by Barna Szabados and **seconded** by Ramesh Subramanian that the minutes of the September 22, 2017 meeting be approved.

**CARRIED**

4. Matter(s) Arising from the Minutes

No items to report.

5. Chair's Report

Leila Notash reported on the following items:

- She will attend the Committee Chairs workshop on November 3, 2017. Bob Dony, Barna Szabados, Ramesh Subramanian, Roydon Fraser will also attend.
- All Committee Chairs were informed last week that Council has passed a motion redefining the term limits.
- Chairs are elected for a one year term with limits no longer than three years.
- Committee members may not serve on a committee for more than 10 years without leaving the committee for six years except for the following committees: Academic Requirements Committee, Experience Requirement Committee, Registration Committee, Complaints Committee, and Discipline Committee.
- To ensure continuity it is desirable that the Vice Chair moves to the Chair's position once the Chair's term of service is expired. Once the Chair and/or Vice Chair have served for the maximum term for their respective positions they are not eligible for reappointment to those positions. The Chair once having served as Chair may only serve as a general committee member.

## 6. Deputy Registrar's Report

Michael Price reported on the following:

- He introduced Ian Daniels, P.Eng, Mechanical Engineering discipline as the new Registration Officer. He assists in the areas of Transfers, Reinstatements, Limited Licenses, Certificate of Authorization, and Consulting Engineer Designations.
- He attended on October 23 and 24, 2017 with Moody Farag the Human Rights Tribunal Ontario hearing of Mr. Chirkov. Both were PEO witnesses. Mr. Chirkov graduated with a technical degree from Russia. He was originally assigned 10 exams upon appeal it was reduced to 5. He further appealed and it was reduced to 4. He had a fourth ARC assessment where there was no reduction in exams after which he filed a discrimination complaint. There is no set date for the conclusion of this case. The possible date may be sometime in December.
- The Ontario Fairness Commission has a new Executive Director, Doris Dumais and a new Fairness Commissioner, Grant Jameson. PEO hosted the Ontario Regulators for Access Consortium meeting which they both attended in September.
- There has been no further update from the Ontario Fairness Commission.

## 7. Endorsements

### 7.1 Reading Assignment of Technical Reports/Synopses

There are two reports in mechanical and manufacturing engineering: Reduction in Dielectric Strength of High Voltage Cable Insulation Due to Gel Formations in the Insulations. Barna Szabados to review.

Optimizing a Local Electricity Distribution Company's Annual Capital Work Program. This report will be reviewed by Waguih ElMaraghy.

### 7.2 Issues Arising from ARC/Deputy Registrar Recommendations

There are five files to be reassessed. They will get a second review today.

### 7.3 Issues Arising from Recommendations for applicants Referred by ARC

No items to report

## 8. Procedural and Related Matters

### 8.1 Licensing Committee Update

There are two representatives from the ARC on the Licensing Committee, Roydon Fraser and Barna Szabados. Barna Szabados term ends on December 31, 2017. He is willing to serve another three-year term and should become Chair in 2018 for the LIC. It was moved by Ramesh Subramanian and seconded by Ian Marsland that Barna Szabados be appointed to the LIC for another term.

**CARRIED**

Barna Szabados reported to the committee that the LIC met on Thursday, October 26, 2017. LIC discussed an item about monitors. A monitor is required for situations when an EIT does not have a P.Eng at their place of employment. Currently a monitor must assume 30 hours of onsite supervision of an EIT. The ERC voted for removal of the 30-hour stipulation. This would allow removing the monitor to affirm the work of an EIT without taking responsibility. The monitor's responsibility is to guarantee to PEO that the work that the EIT is doing is professional engineering and they are applying the rules.

There was a request by Council to the LIC to review the Financial Credit Program (FCP). This program waives the registration fee for CEAB grads who apply within six months of graduation. Non CEAB grads registration fees are also waived if they apply within six months of landing in Canada. The committee discussed the status of the FCP and reviewed data of the program from 2007 to present. In 2007, 60% out of 500 applicants who got licenced used the FCP. The current stats show that only 225 out of 1,100 applicants become licenced through the FCP, which is equivalent to 20 percent. Non-CEAB grads numbers amount to 10 percent of applicants who apply to FCP become licenced. The LIC will need to complete a more in-depth research analysis before making any recommendations.

## 8.2 CEAB Update

No items to report

## 8.3 CEQB Update

No items to report

## 8.4 Discussion on Depth and Breadth

Seimer Tsang reminded the committee that the ARC had approved a definition for Depth and Breadth in 2008. The current definition in the Redbook needs to be updated to reflect the 2008 statement. The definition of Depth and Breadth that Roydon Fraser is drafting is on behalf of the CEQB. He suggested that the ARC should wait for Roydon Fraser's definition to be accepted by the CEAB and CEQB before continuing further discourse on this topic. Waguhi EIMaraghy, Barna Szabados, and Seimer Tsang will review the 2008 definition of Depth and Breadth and will prepare a statement for the November meeting.

#### 8.5 CEQB Draft General Direction for the Draft Guideline on the Assessment of non-CEAB Applicants

The intent of this document from Engineers Canada will form the development of the draft guideline on the assessment of non-CEAB applicants. Michael Price had concerns with the document and he shared his thoughts with the committee:

- The document is written from a perspective of assigning confirmatory exams and it should be about assigning any exams.
- Engineers Canada exams syllabi is intended to be used as a tool for assigning exams on knowledge possessed by the applicant. It should not be used for the purpose of defining a particular discipline or aligning the candidate's education to a specific discipline of engineering.
- If the degree held by an applicant from an institution is comparable to a CEAB in terms of number of years, breadth, depth and quality the applicant may be treated as a CEAB applicant.

Michael Price will distribute by email the document to the committee and highlight the areas of concern. Members will have one week to provide feedback to Michael Price.

#### 8.6 Revised Petroleum Engineering Syllabus

Revised Petroleum Engineering syllabus was reviewed by Ramesh Subramanian and Roydon Fraser. They agreed to make no substantial changes and adopt the syllabus for May 2018 exams. Other members of the ARC had concerns with the number of exams in Section A, which is 7 and Section B, which is 5.

The Committee has requested that Roydon Fraser and Ramesh Subramanian review the syllabi again and reduce the number of exams in section A and provide more options for section B. The committee will vote online and report results back to staff in a week.

#### 8.7 CEQB Draft Syllabi Feedback

Members to provide feedback on Environmental, Geological and Software Engineering. Members of these sub groups will provide feedback at the November meeting.

#### 8.8. ERC Report

David Kiguel reported on the following items:

- The ERC held a Business meeting on October 20, 2017.

- The ERC approved two process documents. One describes the process that the ERC uses for Limited Licences and the other one is for reinstatements. These items will go into the ERC Manual.
- Term limits of Chair and Vice Chair impact on ERC are Chair and Vice Chair positions end in December and they have just started the election process. Santosh Gupta is no longer eligible to continue as Chair and David Kiguel is no longer eligible to continue as Vice Chair. Nominations for the ERC Chair close on November 6, 2017.
- The ERC approved three documents to meet the OFC requested consultant's recommendations. The three documents will be used on a trial basis.
  1. Guideline to applicants who are invited to a confirmatory interview.
  2. Approved a form which applicants will submit prior to the interview, it describes the applicants project(s). What are the engineering principles they have used on the project.
  3. Post interview survey questionnaire to receive feedback on where we can improve the overall process.
- The ERC approved a policy on bias, prejudice, and discrimination to address the 2017 OFC Assessment Report.
- The next ERC Business meeting will be in December.

#### 8.9 Graduates of the Walter Booth School of Engineering and Technology

Ross Judd spoke to the committee about a file that Seimer Tsang had evaluated. The applicant held an undergraduate degree from Anna University in India and also had a Master of Engineering Design (MENGD) from McMaster University. Ross Judd informed the committee that this type of graduate degree is awarded by the W Booth School of Engineering Practice and Technology and that the requirements are considerably different than those of the traditional Master of Engineering (M.Eng.) that is offered by the Faculty of Engineering at McMaster.

#### 9. New Procedural Matter(s) for discussion

#### 10. Other Business

Waguhi EIMaraghy sought advice on a file that he was reviewing. He was unsure of the correct board sheets to use to assess an applicant's academics. The applicant has a Bachelors degree from a University in Russia. His bachelor's degree is very specific, the title of his field is Automatic Control Systems of Flight Aviation Complexes. He also has a Master degree in Management Sciences from the University of Waterloo. Leila Notash suggested that 2 or 3 board sheets should be used to see if there are sufficient number of section A, with no overlap and same for section B. Seimer Tsang suggested that the applicant should decide which engineering discipline he would like to be

assessed under. Barna Szabados will also review this file and provide his recommendations to Waguih ElMaraghy.

Leila Notash reported that the BTech subcommittee needs one more member. This sub-committee reviews McMaster University BTech programs. The current members are Bob Dony, Shamim Sheikh and Leila Notash. Juri Silmberg will join this committee.

11. Adjournment

Meeting adjourned: 12:51PM

Next Meeting: November 24, 2017