



## ACADEMIC REQUIREMENTS COMMITTEE

Meeting of Friday, March 17, 2017

### PRESENT:

#### Members:

Leila Notash, Chair  
Ramesh Subramanian, Vice Chair  
Sanjeev Bhole  
Judith Dimitriu  
Bob Dony  
Waguih ElMaraghy  
Roydon Fraser  
George Nakhla  
Remon Pop-Iliev  
Amin Rizkalla

Shamim Sheikh  
Medhat Shehata  
Juri Silmberg  
Allen Stewart  
Barna Szabados  
Seimer Tsang  
John Yeow

#### Staff:

Michael Price, Registrar  
Anna Carinci Lio  
Faris Georgis  
Esther Kim  
Marsha Serrette  
Irene Zdan

#### Regrets:

Stelian George-Cosh  
Amir Fam  
Moody Farag  
Ross Judd  
Pauline Lebel  
Meilan Liu  
Joe Lostracco  
Ian Marsland  
Magdi Mohareb  
Jacqueline Stagner  
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 10:33 AM.

### 2. Approval of the Agenda

Item 8.8 Limited Licence will be reported under the Chair's Report.

**MOTION:**

It was **moved** by Ramesh Subramanian and **seconded** by Remon Pop-Iliev that the agenda be approved as amended.

**CARRIED**

3. Approval of the Minutes of the February 24, 2017 Meeting

**MOTION:**

It was **moved** by Barna Szabados and **seconded** by Bob Dony that the minutes of the February 24, 2017 meeting be approved.

**CARRIED**

4. Matter(s) Arising from the Minutes

Waguhi EIMaraghy has agreed to review the report SPC (Statistical Process Control) analysis on bolted joint failure mechanism for transit mirror bracket assemblies. It was requested of the applicant to make corrections to the report. Once the corrections are made it will be resubmitted for review.

5. Chair's Report

Leila Notash reported on an email that she received from President, George Comrie related to Limited Licence and Communication Infrastructure Engineering, and Section 40 of the Regulations. She informed the ARC that there was a question in the Legislation Committee regarding if the ARC could assign exams for limited licence. The Committee discussed the issue at length and decided further discussion would be required. This issue will be discussed further under item 8.8.

6. Deputy Registrar's Report

Michael Price reported on the following items:

- On March 2, 2017 met with CEQB representatives from Engineers Canada Kathryn Sutherland and Dennis Peters. Also, present at the meeting was Moody Farag, Barna Szabados, and Bob Dony. They discussed the draft paper on academic requirements for internationally trained engineers.
- Ontario Fairness Commission draft assessment report to PEO has not been received. It is expected soon.
- There is a bit of an inconsistency with CIE and Limited Licences regarding academic requirements, this is an ongoing issue.
- LIC Committee has one briefing note on the LPTF recommendations related to rescinding recommendations and amending regulations. This will be presented at the March Council meeting. In addition, the interpretative statement and guiding principles were not included in the original motion and have been added as separate motions.

- Kim Allen departed from Engineers Canada on January 30, 2017. Stephanie Price is the interim CEO at Engineers Canada.

7. Endorsements

7.1 Reading Assignment of Technical Reports/Synopses

No reading assignments this month.

7.2 Issues Arising from ARC/Deputy Registrar Recommendations

No issues to report

7.3 Issues Arising from ERC Recommendations for Applicants Referred by ARC

No issues to report

8. Procedural and Related Matter(s)

8.1 Licensing Committee Update

Barna Szabados reported that the LIC did not meet in the month of February. The next meeting is scheduled for March 30, 2017.

8.2 EChat Forum

Barna Szabados presented to the committee a document entitled, Examination Program Assessments. This item will be added to update the Procedures Manual of the Academic Requirements Committee.

After a brief discussion, the ARC requested to remove the last sentence of the document. *“However, according to a previous decision by ARC, an examination program assignment should not use more than two board sheets.”*

Motion: It was moved by Bob Dony and seconded by Roydon Fraser to rescind “two board sheets.”

**CARRIED**

Motion: It was moved by Barna Szabados and seconded by Seimer Tsang to accept the revision to the Examination Program Assessments document that will be added to the Procedure Manual of the Academic Requirements Committee.

**CARRIED**

Amendment: It was moved by Allen Stewart and seconded by Judith Dimitru to remove the last two sentences from the document.

*For the new or existing, multi/cross disciplinary programs for which a PEO board sheet does not exist, a combination of PEO board sheets may be used to fulfill the required number of Section A and Section B examinations. The considered technical courses shall not be double-counted. However, according to a previous decision by ARC, an examination program assignment should not use more than two board sheets.*

**CARRIED**

### 8.3 CEAB Update

Bob Dony reported that at the February CEAB meeting mainly administrative issues were discussed.

#### PEO Ontario Deans Workshop

There has been an agreement for PEO and CODE to have a workshop that will explore the academic requirements for licensure. There has been no specific date set however, it will most likely be in the latter part of May at McMaster University. There will possibly be 40 participants. Meeting participants will be a mixture of Ontario Deans, PEO staff, ARC members and Council. Once a date has been set Bob Dony will send out invitations for participation.

### 8.5 CEQB Update

Roydon Fraser reported that the CEQB has been working on syllabi and have approved a few that will be going forward at the next CEQB meeting in April for approval. There was one item of discussion regarding the syllabi. The question was asked, why do some exams cover more than one course? Roydon asked the committee when you look at an exam do you view it as an exam you would see in a university or do you view it as a body of knowledge, and we create special exams from those in University? The committee agreed that special exams are created separate to those in University. There will be further discussion at the CEQB on this topic.

### 8.7 ERC Report

David Kiguel informed the committee that the next ERC subcommittee meeting will be on April 12, 2017. The next ERC business meeting will be on April 26, 2017.

### 8.8 Limited Licence

Section 16 of the Procedures Manual of the Academic Requirements Committee should be revised because of the discussions that have been generated thus far. Seimer Tsang suggested that the Limited Licence subcommittee work on a draft document of procedures for reviewing engineering technology graduates. In regards to Section 40 of the Regulations, this section covers the responsibility of the ARC in regards, to full licence, temporary licence and limited licence. It is very specific to these licence types. The guidelines should help the assessor to assess the academic qualifications of the applicant to see if the applicant has the adequate

academic training to do what is said in the scope. Furthermore, the ARC should request that the applicant write down in their application what engineering principles they are planning to use to satisfy the scope of practice. If the applicant does not have the academic background required, the ARC will refer to ERC. This process needs to be fully documented in Section 16 of the Redbook so that everyone follows the same rules, otherwise there will be inconsistencies. The limited licence subcommittee has had some online conversations on the topic of examinations and modifications for the Redbook and will be meeting at a future date to discuss his suggestions.

Barna Szabados presented to the committee the scenario of applicants who request exams to prove their credentials when the ARC cannot verify their academic qualifications. The committee had an extensive conversation on the definition of equivalency in regards to the work of the ARC. The committee also discussed a file of a CIE applicant who has applied for a limited licence and has a political science degree. The committee agreed that this applicant did not meet the academic qualifications as prescribed in Section 46 of the Regulations.

Motion: It was moved by Bob Dony and seconded by Judith Dimitru to reject the file because there are no academics in the file that satisfies Section 46 of the Regulations.

**CARRIED**

#### 8.6 Depth and Breadth

Roydon Fraser briefly introduced to the committee the intent of the discussion around the topic of depth and breadth. It is to clarify communication across the country so when people talk to each other they are saying the same thing. There are multiple levels of depth and breadth. He distributed a document and asked the committee to review what he has written for further discussion at the next ARC meeting. The documents will be emailed to members of the ARC.

#### Other Business

Waguih ElMaraghy brought to the attention of the committee two similar files where an applicant who previously applied to PEO with a B.Tech degree and was assigned exams. The applicants did not write the exams that were assigned as they enrolled in a master's degree engineering program. The courses taken during their master's program did not cover all the exams that were originally specified. He decided that the applicant's exams should be reduced but despite having a master's degree there will still be some exams required. The committee agreed that this was a reasonable outcome.

Meeting adjourned at 12:33 pm

Next Meeting: April 28, 2017