



## Minutes

### ACADEMIC REQUIREMENTS COMMITTEE

#### Meeting of Friday, September 30, 2016

#### PRESENT:

##### Members:

Leila Notash, Chair	Amin Rizkalla
R.Subramanian, Vice Chair	Medhat Shehatat
Judith Dimitriu	Juri Silmberg
Bob Dony	Jacqueline Stagner
Waguih ElMaraghy	Allen Stewart
Amir Fam	Barna Szabados
Ross Judd	Seimer Tsang
Meilan Liu	
Joe Lostracco	
Ian Marsland	

##### Staff:

Anna Carinci-Lio  
Moody Farag  
Esther Kim  
Pauline Lebel  
Marsha Serrette  
Irene Zdan

#### Regrets:

Michael Price, Deputy Registrar  
Sanjeev Bhole  
Roydon Fraser  
Stelian George-Cosh  
Magdi Mohareb  
George Nakhla  
Suresh Neethirajan  
Remon Pop-Iliev  
Shamim Sheikh  
John Yeow  
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.

2. Approval of the Agenda

**MOTION:**

It was **moved** by Waguih ElMaraghy and **seconded** by Ramesh Subramanian that the agenda be approved.

**CARRIED**

3. Approval of the Minutes of the August 19, 2016 Meeting

**MOTION:**

It was **moved** by Ross Judd and **seconded** by Juri Silmberg that the minutes of the August 19, 2016 meeting be approved as amended.

**CARRIED**

4. Matter(s) Arising from the Minutes

Clarification to item 8.5.6 Mechanical, it should read Ross Judd had a concern with the examination he sets Mechanical Engineering A1. The textbook does not cover the material at the level that is required.

5. Chair's Report

No items to report

6. Deputy Registrar's Report

No items to report.

7. Endorsements

7.1 Reading Assignment of Technical Reports/Synopses

Design and Test of Modular Bottom Brackets and Design of a Mine Hoist Plant System. Both manufacturing reports will be reviewed by Waguih ElMaraghy.

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

7.4 PPE Results

Anna Carinci Lio reported on the results of the August 6, 2016, Professional Practice Examination. The passing rate was 86% and all third time failures passed.

## 8. Procedural and Related Matter(s)

### 8.1 Licensing Committee Update

Barna Szabados reported on the LIC meeting. The committee has been working on their first work plan that will be submitted to Council at November's meeting. The regulation items have also been finalized and a briefing note will be submitted to Council. Barna Szabados also reported on the CEAB criteria. It has been decided that there will be no changes made to the current policy. The two major items that the LIC will be working on in the near future is an official appeal process for PEO, and provisional licences. The LIC will require one member from the ARC to join the committee. Currently Roydon Fraser is on the committee. Moody Farag will contact him to find out if he will continue being a member of the LIC. If Roydon Fraser declines the ARC will choose a member to join the LIC at the October meeting.

### 8.2 EChat Forum

No items of discussion

### 8.3 Canadian Engineering Accreditation Board (CEAB) Update

Bob Dony reported on the report that was produced by the Consultants at the Accreditation Forum. "The traditional view largely held by the regulators is that the purpose of accreditation is to ensure academic qualifications for licensure as a professional engineer are met. The emerging view largely held by Universities and Industry is that the purpose of an engineering education is to prepare the aspiring engineers to be ready to meet the challenges awaiting them in the workplace. There was a complete failure to understand what the regulators do.

There was a September CEAB meeting, reports and extended accreditation was done for a number of programs. The CEAB was tasked in February by the Engineers Canada Board to work in close cooperation with the Deans to revise the accreditation criteria. The current criteria of 1950 hours will remain and this has been decided by the Engineers Canada Board at their September meeting.

### 8.4 Canadian Engineering Qualifications Board (CEQB) Update

Bob Dony reported on his attendance at a CEQB workshop. The purpose of the workshop was looking at a pilot project that Alberta is using to validate international education documents. Alberta is using World Education Services to validate documents and to convert everything to an equivalent set of credits. To save time and effort you take an applicants transcript and map it to AU's based on a paper review of their transcript. There are many holes to this process. There are many items that could go unnoticed using this new method.

#### 8.5. CEQB Revised Syllabi (2016)

8.5.1 Civil – Name changes 98 CIV A3 will be now called Municipal and Environmental Engineering. 98 CIV B7 will now be called Highway Design Construction and Maintenance. 98 CIV A6 Transportation Planning and Engineering be moved into section B and be replaced by 98 CIV B7 Highway Design Construction and Maintenance to move to section A.

It was **moved** by Al Stewart and **seconded** by Amin Rizkalla that the Civil boardsheet be accepted.

**CARRIED**

Name Change to the boardsheets, it will now be called PEO Boardsheet of the Academic Requirements Committee.

8.5.2 Mechatronics – It is a new syllabus that has been revised by Roydon Fraser. The committee had additional suggestion for the boardsheet. Leila Notash will communicate suggested changes to Roydon Fraser. This topic will be further discussed at the next meeting.

8.5.3 Naval – B1 Applied Thermodynamics and heat transfer the same textbooks as mechanical engineering will be added.

It was **moved** by Al Stewart and **seconded** by Barna Szabados that the Naval boardsheets be accepted.

**CARRIED**

#### 8.6 Non-CEAB Program Information Document

This document was first produced in 2011 by a subcommittee of ARC. The document has been updated by a new subcommittee chaired by Bob Dony. The focus of this report is on PEO technical examinations in regards to BTech programs. The committee reviewed the document and made minor revisions. The final copy of the document will be distributed to all members of the committee.

It was **moved** by Waguith ElMaraghy and **seconded** by Ross Judd to approve the document.

**CARRIED**

#### 8.7 P.Eng Expectations

Deferred to next meeting

#### 8.8 ERC Report

The ERC had its last regular business meeting on August 26<sup>th</sup>. At this meeting the ERC endorsed the recommendations to the LIC on ERC matters of Appendix B of the LPTF recommendations, as developed by the ERC Sub-Committee.

The next ERC business meeting is scheduled for October 26<sup>th</sup>.

The ERC Sub-Committee met on September 15<sup>th</sup>. Matters discussed:

- Ratification issues: The ERCSC approved a motion and will seek ERC endorsement that for Limited Licences, in addition to the two-member interview panel, one or more subject matter experts SME(s) be identified by staff amongst ERC members. The role of the SME(s) will be to review the outcome of the interviews, help resolving any issues related with the proposed scope of practice and the applicant's experience and act as the ERC member(s) needed, together with the interview panel, to complete the legislated quorum of 3 members required to approve the ERC decision.
- In the next ERCSC meeting in November, there will be a discussion about the option of extending the SME concept to all types of ERC interviews. Adoption of such practice would eliminate the need for the Ratification Group.
- Consultant's Recommendations: The ERCSC discussed and approved the plan developed by the Improved Interviews Implementation Plan WG (I3PWG). Implementation is under-way with the ERCSC coordinating and having the oversight responsibility.
- ERC Work Plan and Human Resources Plan for 2017: The ERCSC discussed and commented on the drafts prepared by Pauline Lebel. These plans are due by the end of September.

9. New Procedural Matters for Discussion

No items for discussion

10. Other Business

Page 2 of the ARC 2017 Workplan under equity and diversity awareness point three, the answer should be No.

It was suggested that the acronyms be defined in the document.

11. Adjournment

It was moved by Bob Dony and seconded by Ramesh Subramanian that the meeting be adjourned at 12:56pm

Next Meetings: October 21, 2016 and November 25, 2016