



## Minutes

### ACADEMIC REQUIREMENTS COMMITTEE

#### Meeting of Friday, September 22, 2017

#### PRESENT:

##### Members:

Leila Notash, Chair  
R. Subramanian, Vice Chair  
Sanjeev Bhole  
Bob Dony  
Waguih ElMaraghy  
Amir Fam  
Roydon Fraser  
Stelian George-Cosh  
Michael Hulley  
Ross Judd

Ian Marsland  
Magdi Mohareb  
George Nakhla  
Remon Pop-Iliev  
Amin Rizkalla  
Juri Silmberg  
Medhat Shehata  
Allen Stewart  
Barna Szabados

##### Staff:

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

##### Regrets:

Judith Dimitriu  
Meilan Liu  
Joe Lostracco  
Shamim Sheikh  
Jacqueline Stagner  
Seimer Tsang  
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

The Chair, requested to add to the agenda item 7.4, PPE Results.

**MOTION:**

It was **moved** by Stelian George-Cosh and **seconded** by Waguih EIMaraghy that the agenda be approved.

**CARRIED**

3. Approval of the Minutes of the August 25, 2017 Meeting

**MOTION:**

It was **moved** by Amir Fam and **seconded** by Ramesh Subramanian that the minutes of the August 25, 2017 meeting be approved.

**CARRIED**

4. Matter(s) Arising from the Minutes

Under the ERC report

5. Chair's Report

No items to report.

6. Deputy Registrar's Report

Michael Price reported on the following:

- The Ontario Fairness Commission has a new Executive Director, Doris Dumais.
- PEO is hosting the next Ontario Regulators for Access Consortium (ORAC) meeting. Grant Jameson the new Fairness Commissioner will be attending along with Director, Doris Dumais.
- There is an applicant who has filed with the Ontario Human Rights Tribunal (HRTO). The hearing is scheduled for October 24, 2017. The complainant has a technology level diploma and was assessed by the ARC. He was initially assessed to write eleven exams, it was reduced to four. The complainant believes that PEO is discriminating against him based on his country of origin.
- He attended the National Admissions Officials Group (NAOG) and Canadian Engineering Qualifications Board (CEQB) meetings in Edmonton. There was a discussion on the draft paper on assessment for non CEAB applicants. There was also a decision to stand down the IEAQC. The committee has now been dissolved. The CEQB approved a Petroleum Engineering syllabus update. Out for consultation is the draft revised Environmental, Geological and Software syllabi.

Roydon Fraser commented that he has reviewed the petroleum syllabus. He suggested that, no program should be overly focussed. Each discipline should

decide what its six most important subjects are. If there are programs that could make such a change CEQB could make a general recommendation. Staff will distribute the draft syllabi to ARC members from the appropriate discipline for review.

## 7. Endorsements

### 7.1 Reading Assignment of Technical Reports/Synopses

There are two technical reports/synopses submitted, one in the electrical discipline, the other in manufacturing. Roydon Fraser will review, "Monitored Solar Cell Powered Motor with Secondary Power Reservoir to Provide any Shortcomings to Motor Power using a Voltage Regulator Switching System." Barna Szabados will review, "Design and Prototype of a PID-Controlled Quadcopter."

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

There are five files to be reassessed for a second review. These files were pulled from last months endorsements for the committee to review.

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

There were no issues arising from ERC Recommendations for Applicants referred by ARC.

### 7.4 PPE Results

Anna Carinci Lio reported on the PPE sitting written on August 12, 2017. A memo with a breakdown of statistics for the exam was distributed to the committee. There was a 79% passing rate for this sitting. There were also 5 applicants who failed three times.

## 8.1 Licensing Committee Update

Barna Szabados reported to the committee the events of the September 21, 2017 LIC Meeting. Tracey Caruna, EIT Manager, presented to the committee the current EIT program and structured internship. The present objective of the program is to allow those who apply opportunities to network, and getting help with the licensing process. PEO is the only regulator that grants applicants EIT status although they have been assigned exams. The LIC will continue to brainstorm on how an appeals process will work, what the problems are and what needs to be done to accommodate it. The LIC will create a guide/document

that they will circulate to the ARC, ERC and REC for feedback. Any changes would require an Act change. There is still an issue on EIT requirements at PEO compared to other provinces. This item will be a continued item of discussion at the LIC.

## 8.2 CEAB Update

Bob Dony reported that the CEAB met the week of September 8-10, 2017 in Edmonton. There was a workshop where representatives from institutions and American Board for Engineering and Technology (ABET) visiting team members considered possible revisions to the training program. In order to be an ABET visitor, members have to go through a substantive training program with tests and evaluations. Visiting team members make recommendations to the accredited program. The CEAB also reviewed several programs that were up for visits, reports were reviewed and members were updated on the AU definitions taskforce.

## 8.3 CEQB Update

Roydon Fraser reported to the committee that he attended the CEQB meeting in Edmonton on September 8-10, 2017.

- There is a proposal to consider the board size of Engineers Canada. It has been suggested the board decrease to 12 members. One person per association with a weighted vote.
- CEAB and CEQB will no longer be a part of the Engineers Canada Board.
- At the Presidents meeting a motion was passed that essentially tasked Engineers Canada to come up with a proposal for reducing the size of the Engineers Canada Board.
- It has been determined that the CEQB and CEAB memberships will have gender balance. This will be achieved by either appointing new female members to the current board or new vacancies will be appointed to a female.
- There was a workshop on continuing competency. Members were able to share their ideas.

Roydon led the committee on a brief discussion of the difference between CEAB and CEQB. There are three things that the ARC does: we look for the veracity of the information, depth and breadth and, confirming or not confirming academics. The ARC looks at the individual. CEAB does three additional things, CEAB looks at design, the facilities/environment, and the administration processes. Those are all risk reductions methods at the CEAB.

Should there be a dogmatic approach towards the number of licenced engineers that are on staff at accredited programs and what they are teaching? There is an assumption that if you are a professional engineer then automatically you instill a professional engineering culture.

#### 8.4 Discussion on Depth and Breadth

Deferred to next meeting

#### 8.5 ARC Workplan

Leila Notash reviewed with the committee the HR workplan and volunteer development plans for 2018. The workplans were distributed for members to review. Members of the committee gave their suggestions and edits to the documents. Leila will make the corrections and submit the documents to Moody Farag. The workplans will be submitted to People Development before the September 29, 2017 deadline.

#### 8.6 ERC Report

David Kiguel reported on the following items:

- The next ERC subcommittee meeting will be held on October 2, 2017.
- The next ERC Business meeting is on October 20, 2017.
- According to the ERC approved elections procedure, the Chair and the Vice-chair of the committee are elected for two-year terms. The terms of both, the current Chair and the current Vice-chair will expire by the end of this year. The ERC will have elections for both positions. The election process will start in November with a call for nominations and subsequent elections.
- There has been a complaint filed by an applicant who failed an interview. At the last ERC business meeting a motion was made that the Chair, Santosh Gupta along with Michael Price, would consult with the Complaints and Investigations Department to consider what options may be available to avoid situations where complaints are made relating to an ERC interview. Gerard McDonald, Linda Latham, Michael Price and Santosh Gupta met this week. It was decided that Linda and Michael will develop a policy that will eventually go to Council for approval. Part of the policy would include PEO covering the cost related to volunteer and staff performing their PEO duties in good faith. Complaint files would be processed expeditiously as possible. For the existing complaint, legal support will be offered.

#### 9. New Procedural Matter(s) For Discussion

No items to report

10. Other Business

Feedback is required for CEQB revised Environmental, Geological, Software syllabi. The reports will go to three separate groups for consultation. CEQB approved the Petroleum syllabi it must be reviewed by ARC for PEO Council approval.

11. Adjournment

Meeting adjourned: 12:30PM

Next Meeting: October 27, 2017