



Minutes

ACADEMIC REQUIREMENTS COMMITTEE

Meeting of Friday, January 20, 2017

PRESENT:

Members:

Leila Notash, Chair
Judith Dimitriu
Bob Dony
Waguith ElMaraghy
Amir Fam
Roydon Fraser
Stelian George-Cosh
Ian Marsland
Remon Pop-Iliev

Amin Rizkalla
Medhat Shehata
Shamim Sheikh
Juri Silmberg
Barna Szabados
Seimer Tsang
John Yeow
Gosha Zywno

Staff:

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

Regrets:

R. Subramanian, Vice Chair
Sanjeev Bhole
Ross Judd
Meilan Liu
Joe Lostracco
Magdi Mohareb
George Nakhla
Suresh Neethirajan
Jacqueline Stagner
Allen Stewart

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.

1.1 The chair recognized the following individuals for their years of service to PEO

Shamim Sheikh	15 years
Seimer Tsang	20 years
Waguith El Maraghy	25 years
Gosha Zywno	25 years

2. Approval of the Agenda

It was requested to move item 8.11 up to after item 8.3.
Bob Dony requested to discuss a file under Other Business.

MOTION:

It was **moved** by Waguith ElMaraghy and **seconded** by Bob Dony that the agenda be approved as amended.

CARRIED

3. Approval of the Minutes of the December 15, 2016 Meeting

MOTION:

It was **moved** by Judith Dimitriu and **seconded** by Juri Silmberg that the minutes of the December 15, 2016, meeting be approved.

CARRIED

4. Matter(s) Arising from the Minutes

No items to report.

5. Chair's Report

Leila Notash informed the committee that the Registrar Gerard McDonald will attend the next ARC meeting to discuss the Strategic Plan.

Note: The Registrar is not available for the February meeting but will attend the April ARC meeting.

6. Deputy Registrar's Report

Michael Price reported on the following items:

- The CIE working group will meet on January 30, 2017 to discuss strategy and processing of applicants.
- OFC – Ontario Fairness Commission will be doing a full assessment of PEO this year. PEO should receive a draft report by the end of February. All regulators in Ontario receive these assessments by the Fairness Commission every three years.
- PEO has received request from 8 institutions in Ontario for CEAB accreditation visits for the 2017/2018 academic year. PEO has agreed to the visits, and will include in the acceptance letter the following statement.
I am pleased to advise that PEO hereby grants approval for the CEAB accreditation visit to the (Name University) based on the CEAB accreditation criteria as approved at the September 2016 Engineers Canada Board Meeting and reaffirmed by PEO at its November 2016 Council Meeting.

7. Endorsements

7.1 Reading Assignment of Technical Reports/Synopses

One technical report in the field of Mechanical Engineering. Façade Maintenance Davit Arm. Remon Pop-Iliev will review.

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 met on January 19, 2017. The committee went through final edits of two briefing notes that is being prepared for submission to Council. At this meeting Barna Szabados also shared with the committee his concerns with the new CIE discipline. He questioned the LIC on current PEO process and policy, is it achieving what we want? The LIC was in agreement that the current process does not need to be changed. Will CIE applicants receive special treatment? It was shared that CIE applicants would be treated like everyone else who applies to PEO. The challenge with CIE applicants is they will have a degree in one discipline but work in another area and that exams will not likely be waived through an interview. If any policy is going to be changed it must be changed for all applicants.

8.2 EChat Forum

Barna Szabados circulated an errata of the latest version 8.3.6.2 that was approved. The discussions are in the chat forum. The one item that is missing is dealing with cross/multi disciplines. Leila Notash has provided an answer which can be seen on the forum.

8.3 Ryerson University IEEQB

Moody Farag reported to the committee that due to the updates of PEO syllabi as well as Ryerson updates there was a need to revisit some of the courses that Ryerson University offers to PEO's applicants through their bridging program IEEQB.

(Internationally Educated Engineers Qualification Bridging Program). This is the only bridging program approved by PEO.

There are only three disciplines left for approval:

Biomedical Engineering – Approved with one exception in robotics.

Environmental Engineering – Approved.

Civil Engineering – Under review, under discussion is A4 and B11.

Moody Farag will contact Ryerson University to advise them of PEO's concerns and get their feedback regarding the outstanding exam program in Civil.

8.11 Fire Protection

There were concerns from several members concerning a limited licence file from an applicant who graduated from the Fire Protection program at Seneca College. This file was first brought to the committee by Ross Judd and Seimer Tsang in June 2016. Many members of the ARC believed that fire protection is not the practice of Professional Engineering.

Michael Price reminded the committee that the ARC is to assess the academic requirements of the applicant and advise if the applicant meets the academic requirements for licensure. The ARC does not have jurisdiction under the act to decide whether or not a program is the practice of professional engineering. It was suggested by a committee member that the ARC could conduct academic interviews. Leila Notash further suggested to create a subcommittee to review section 16 of the Redbook which is about Limited Licence and see what changes the ARC would like to make regarding Limited Licence before looking into any regulation changes.

8.4 Canadian Engineering Accreditation Board (CEAB) Update

Bob Dony updated the committee that there is another review at the Engineers Canada level regarding the accreditation system. There will be a workshop at the end of February on the topic. Bob Dony will be attending the next Ontario Deans meeting. There is already a discussion happening behind the scenes of possibly having an Ontario based workshop where PEO, and possibly ARC can discuss the issue around accreditation. Engineers Nova Scotia wrote a strong letter to Engineers Canada about their concern of the fragmentation of the accreditation system and further stated that they may need to review alternatives for a national body. There is also restructuring going on at Engineers Canada. The CEAB and the CEQB will now report to two separate individuals.

8.5 Canadian Engineering Qualifications Board (CEQB) Update

No items to report.

8.6 CEQB Experience Guide

This item to be removed from future agendas.

8.7 Mechatronics Syllabus

Stelian George Cosh, Chair of the Mechatronics subcommittee reported that the subcommittee met to review the Mechatronics board sheet. Members of the Subcommittee are Waguith EIMaraghy, Judith Dimitriu, Barna Szabados and Roydon Fraser. They brought forward one item of discussion for the ARC. Should computer programming be added to the basic studies for all the ARC board sheets? The committee believes that, computer programming should not be explicitly included as a basic study, since it is inherent within all programs.

The subcommittee suggested the following changes:

- Two technical exams one in circuits, and the other in electronics.
- A new addition that the subcommittee would like to add is, instrumentation and measurements, sensors and actuators.
- The committee removed thermodynamics as a basic study because it is in section A. B12 is added in front of robot mechanics under mechanical.

Waguith EIMaraghy brought to the attention of the committee that board sheets that are online and in the red book are not up to date. What also is required is a spreadsheet that shows the various disciplines and equivalents of the technical exams. Any changes that are made to the board sheets, needs to be approved by council. Once Council passes the changes the board sheets will be updated online and in the red book by staff.

Motion: It was moved by Stelian George-Cosh and seconded by Waguith EIMaraghy that, the acronym for mechatronics will be MEX and to approve the Mechatronics exams as presented in the attached document.

CARRIED

8.8 P.Eng Expectations

Deferred to next meeting

8.9 P. Eng Expectations

Deferred to next meeting

8.9 ERC Report:

David Kiguel reported that the next ERC subcommittee meeting is scheduled for January 31, 2017 and the next ERC Business Meeting is on February 17, 2017.

8.10 V.G. Smith and S.E. Wolfe Awards

Every year PEO provides two awards to applicants who have been licenced during the previous year through the examination program. 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%. There was no qualified candidate for this award in 2016.

The V.G. Smith Award is for an applicant who completed at least five exams and had an average of higher than 70%. The candidate for 2016 has completed 10 technical exams with an average of 78%. The three highest scores were two 89% and an 85%.

It was moved by Bob Dony and seconded by Judith Dimitru that Isabelle Hemmings will receive the V.G. Smith award for 2016.

CARRIED

The committee decided to review the regulations for applicants who have shown good performance on a specific examination program. This item will be a topic of discussion at the next meeting.

10. Other Business

Bob Dony requested confirmation on PEO policy regarding applicants with a bachelor of science degree. It is the committee's understanding that applicants with a bachelor of science degree will be allowed into the licensing process. The committee agreed that this applicant should be allowed to apply for a licence.

11. Adjournment

The meeting was adjourned at 1:12 pm.

Next Meeting: February 24, 2017