



Minutes

ACADEMIC REQUIREMENTS COMMITTEE

Members:

Leila Notash, Chair	Remon Pop-Iliev
R.Subramanian, Vice Chair	Medhat Shehatat
Sanjeev Bhole	Shamim Sheikh
Stelian George-Cosh	Barna Szabados
Bob Dony	John Yeow
Ross Judd	Gosha Zywno
Joe Lostracco	
Magdi Mohareb	

Staff:

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

Regrets:

Judith Dimitriu
Waguih ElMaraghy
Amir Fam
Roydon Fraser
Meilan Liu
George Nakhla
Suresh Neethirajan
Amin Rizkalla
Heather Sheardown
Jacqueline Stagner
Allen Stewart
Seimer Tsang

Guests:

Santosh Gupta, ERC Chair
David Kiguel, ERC Vice Chair

1. Call to Order and Chair's Remarks **Meeting of June 17, 2016**

PRESENT:

The meeting was called to order by the Chair, Leila Notash at approximately 10:30 AM.

Association of Professional Engineers of Ontario

2. Approval of the Agenda

The Chair, Leila Notash, requested that the following items be added to / removed from the agenda.

7.4 PPE Results - added to the agenda

10.1 Other Business – Standing Items report from ERC added to the agenda

8.7 Canadian Experience – removed from agenda

8.8 P.Eng expectations – removed from agenda

8.9 ARC requirement/ERC Interviews – removed from agenda

MOTION:

It was **moved** by Stelian George-Cosh and **seconded** by Ross Judd that the agenda be approved as amended.

CARRIED

3. Approval of the Minutes of the May 13, 2016 Meeting

MOTION:

It was **moved** by Stelian George-Cosh and **seconded** by Barna Szabados that the minutes of the May 13, 2016 meeting be approved as amended.

CARRIED

4. Matter(s) Arising from the Minutes

No matters to report

5. Chair's Report

No items to report

6. Deputy Registrar's Report

Deputy Registrar, Michael Price reported on the following items:

- The departure of Lawrence Fogwill from PEO on May 27, 2016. Joining PEO on an interim basis is Brian MacEwen former Manager, Registration.
- Ontario Fairness Commission Action Plan: one of the items in the action plan is ARC and ERC members participating in an equity and diversity training module. For new members of the committees it is now mandatory. For current committee members it is voluntary compliance. So far about 25% of members of the ARC have completed the module. It was requested that Esther Kim to resend the module via email to the committee to encourage voluntary compliance.
- Reported on a paper Investigative Monitoring Report from the Ordre des ingénieurs du Québec (OIQ). The OIQ was challenged on a decision that they made where all applicants with non-engineering degrees are automatically assigned 11 exams. This was found to be unfair where each applicant should be assessed on an individual basis. If anyone is interested in receiving the full report please contact Michael Price.
- National Council of Deans of Engineering and Applied Science; white paper on outcome based vision for engineering program accreditation. An Engineer's Canada forum is planned for August 17-18th in Toronto on CEAB accreditation. This item will be discussed further in item 8.3 CEAB update.
- Attended the National Admissions Official Meeting. Discussions included admissions reference point project and competency based assessment.
- Council meets on June 24, 2016

7. Endorsements

7.1 Reading Assignment of Technical Reports/Synopses

A Geotechnical report on, Stress model of underground observation to approach rock mass failure. Moody Farag will contact Shamim Sheikh for recommendations for a reviewer of this report.

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 shared with the committee the results from the last PPE examination which took place on April 2, 2016. There was an 84% passing rate with three candidates that failed the PPE for the 4th time.

8. Procedural and Related Matter(s)

8.1 Licensing Committee Update

No items to report

8.2 EChat Forum

No items to discuss

8.3 Canadian Engineering Accreditation Board (CEAB) Update

Bob Dony reported on the CEAB meeting that he attended in June. Board members evaluated all the program visits from the fall and winter. Decisions were made that will be made public in the near future. This is the second year that graduate attributes were a part of the accreditation criteria. The CEAB Board realizes that graduate attributes is a work in progress at all institutions. Bob Dony also reported on the Engineers Canada report, it is a consultation on proposed accreditation criteria. The recently added graduate attributes are now part of the decision making process in addition to the standard AU counts. There have been some proposed changes to the criteria, but there are a number of issues with the proposed change. The major change is the 12 graduate attributes changing to undergraduate attributes, organization and engagement, curriculum maps, indicators, assessment tools, and assessment results. The major issue is the proposed new criteria. Engineering programs must have a minimum four years of full time or equivalent appropriate content at a university level and an interpretive statement on minimum program content. No delusion or reduction of the programs but they are removing 405 AU's and making it equivalent. At this time nothing has changed. Engineers Canada has retained a consultant to conduct interviews with stakeholders. ARC members can contact and set up an interview and also send comments to the consultant. It was requested that an email reminder go out to the members of the ARC to complete the online survey by July 15, 2016. Bob Dony requested that the committee read the Dean's report called the White Paper. He highlighted some of his concerns of the White Paper Report to the committee. It was suggested that the ARC write a position statement after the CEAB forum on accreditation in Toronto on August 17th & 18th.

8.4 Canadian Engineering Qualifications Board (CEQB) Update

Deferred to next meeting

8.5 LEC Update

Bob Dony reported that Roydon Fraser is no longer the Chair of the Legislation Committee. Councillor Ewald Kuczera is now the Chair.

8.6 Communication Infrastructure engineering (CIE)

Michael Price reported that potential applications have been received for the CIE discipline. Initially there were 24 potential applicants whose CV were provided and have been assessed. It is now up to them if they decide to apply. More CV's have been received. PEO will waive the application fee for all CIE P.Eng or Limited Licence applicants in 2016.

8.7 Canadian Experience

Deferred to next meeting

8.8 P.Eng Expectations

Deferred to next meeting

8.9 ARC Requirements/ERC Interviews

Deferred to next meeting

8.10 Limited Licence - Fire Protection Engineering Technology of Seneca College

Leila Notash reported to the committee a file that Seimer Tsang had reviewed. The Fire Protection Engineering Technology program at Seneca College is a three year technologist diploma program. The applicant meets the minimum requirement of PEO. The ARC cannot reject this application because it does meet the minimum academic requirements for a Limited Licence. The applicant indicated that the scope of practice is design of mechanical components of fire sprinklers and kitchen operation systems; only the mechanical aspect. Next steps are to come up with the questions for the ERC to ask the applicant. Leila requested that section 16 of the Licensing and Registration Policies and Guideline be updated.

8.11 Appendix H. (Civil, Structural, Geological)

Appendix H. includes all the programs that have restrictions for all directed confirmatory exams. The committee members were requested to review their areas and provide the rationale on whether they will continue to apply restrictions.

Civil – Remove all restrictions

Structural – Keep all restrictions

Geological – Remove all restrictions

Moody Farag presented to the committee the briefing note summarizing the restrictions.

Motion: It was moved by Magdi Mohareb and seconded by Medhat Shehatat to accept the technical examination restrictions for Civil, Structural, and Geological Engineering.

CARRIED

8.12 ARC membership requirements

Leila Notash reported on a member applicant from industry who was interested in joining the ARC. The current requirements of the ARC states that all ARC members must be a P.Eng and academic members should have experience with undergraduate curriculum and CEAB accreditation process. Industry members are not included in the current Licensing and Registration Policies and Guidelines. Committee members agreed that members of industry should have the opportunity to join the ARC and it should be updated in the ARC procedures manual. Industry members are also required to have knowledge and experience of curriculum development and the accreditation process; including 10 years engineering experience.

11. Other Business

David Kiguel requested that ARC/ERC provide feedback on the standing items at each other's committee meetings. Report from ERC will now be a standing item on the ARC agenda.

Santosh Gupta reported on the following items from the ERC:

- The ERC subcommittee met on May 31, and discussed the issue with ratification and reinstatement of Limited Licences. After discussing several alternatives the committee recommended to appoint a three person panel, thus eliminating the need for ratification. This will be implemented soon.
- The ERC subcommittee formed a small working group. Improved Interviews Implementation Plan Working Group (I3PWG). They will define their implementation and terms of reference of the consultant's report. They will complete their task by the end of October 2016.

12. Adjournment

It was moved by Barna Szabados and seconded by Sanjeev Bhole that the meeting be adjourned at 12:40pm.

Next Meetings: July 22, 2016 and August 19, 2016