

## WORK PLAN - 2017

### EMERGING DISCIPLINES TASK FORCE (EDTF)

<b>Approved by Committee:</b> September 30, 2016		<b>Review Date:</b> September 30, 2017	
<b>Approved by Council:</b> November 18, 2016		<b>Approved Budget:</b> \$10,000 [March 2008] (within the Council Priorities envelope)	
<b>Mandate [as approved by Council]:</b>	To develop a clear understanding of emerging engineering practices (Established by Council Motion, March 28, 2008)		
<b>Terms of Reference [Key duties]:</b>	<p>[Phase 1] - <b>COMPLETED April 2010 for NME, September 2010 for CIE</b></p> <ol style="list-style-type: none"> <li>1. Identify issues relevant to PEO in these areas relating to established or anticipated practices;</li> <li>2. Make recommendations to Council on action required, in particular defining the core body of knowledge of these disciplines;</li> </ol> <p>[Phase 2] - <b>IN PROGRESS</b></p> <ol style="list-style-type: none"> <li>3. Make recommendations to Council regarding Licensing of these areas of practice, including establishing rights to practice and enforcement concepts;</li> <li>4. Provide advice and support on professional practice and admissions in this area;</li> <li>5. Support external relations where appropriate;</li> <li>6. Evaluate existing certification programs relating to these disciplines as they may impact the responsibility of PEO to license the practice of engineering.</li> </ol> <p><i>Current Status:</i> NME has submitted its final phase 2 report and is now in follow-up stage with stakeholders. CIE has had its recommendations &amp; Executive Summary approved but the final report needs to be completed. CIE has done more stakeholder consultations in its previous work but still intends to do a wrap up summary in its final report.</p>		
<b>Tasks, Outcomes and Success Measures</b>	<b>Task/Activities:</b>	<b>Outcomes Success measures</b>	<b>Due date:</b>
	1. Work with PEO committees (PSC, ARC, ERC, and ENF) on Phase 2 licensure issues	Provide support to the other committees to implement CIE and NME licensure	As required
	2. Complete external stakeholder consultations for licensure issues; Gather market intelligence; 3. Provide Registrar with critical implementation factors for PEO to regulate CIE and NME	Document stakeholder perspectives; PEO secures substantive stakeholder agreement for implementation	As required
	4. Identify existing P.eng's practising CIE or NME, call for volunteers for PEO regulatory committees and establish a "Community of Practice" for CIE and NME practitioners	Existing P.Eng's. identified (voluntarily or through CPD practice questionnaire) At least 3 volunteers recruited for committees CIE and NME communities of practice established	
	5. Update the CIE Core Body of Knowledge	CIE CBOK updated	
	6. Develop Certification/Specialist designation for CIE and NME	Designation requirements and approval process developed for Council approval	

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<b>Inter-committee collaboration:</b>	Academic Requirements, Experience Requirements, Professional Standards, Enforcement - consulting on proposals, presenting at committees
<b>Stakeholders:</b>	<p><b>Common:</b> Engineers Canada - CEAB, CEQB (Industrial Liaison Committee), Government Relations Committee, Canadian Academy of Engineering, industry, Ontario universities, Consulting Engineers Ontario, OACETT, OSPE, CODE, Ontario Ministries of Attorney General, Research &amp; Innovation, Health &amp; Long Term Care, Economic Development and Trade; Canadian Standards Association, Canadian General Standards Board, APEGGA, OIQ Environment Canada, Health Canada, Natural Resources Canada, Canadian Food Inspection Agency</p> <p><b>NME:</b> Treasury Board Secretariat (CIO), Industry Canada (BioTalent Canada, Office of Consumer Affairs), Agriculture and Agri-Food Canada, Fisheries &amp; Oceans Canada,; Ontario ministries of Environment, Municipal Affairs &amp; Housing (Building Code materials), Labour (Occupational Health &amp; Safety), Agriculture, Food &amp; Rural Affairs, Consumer Services; Canadian Association of Physicists, Canadian Association of Environmental Biologists- Ontario Region, Association of the Chemical Profession of Ontario, Canadian College of Microbiologists, Chemical Institute of Canada/Canadian Society for Chemical Engineering, Canadian Society of Microbiologists, Rx&amp;D(Canada's Research-based Pharmaceutical Companies, Consumers Council of Canada, IEEE Nanotechnology Council.</p> <p><b>CIE:</b> Industry Canada (ICTC), Public Safety Canada, National Defence, Finance Canada, Foreign Affairs &amp; International Trade Canada, Public Works and Government Services Canada, Transport Canada, RCMP, CSIS, Canadian Border Safety Agency, CRTC, ITU, ITAC, CATA, CIRA, ISACA, ISSA, IEEE, Internet Engineering Task Force (IETF), Institution of Engineering and Technology, Association for Computing Machinery, International Information Systems Security Certificate Consortium (ISC)<sup>2</sup>, International Standards Organization,. Ontario Information &amp; Privacy Commissioner, Ontario Ministries of Government Services (Office of Corporate Chief Information Officer), Finance, Revenue, Energy, Transportation; Ontario Provincial Police, Emergency Management Ontario Independent Electricity System Operator, Hydro One, Ontario Energy Board, Ontario Securities Commission, APEGBC, telecommunication common carriers / internet service providers</p>