Emerging Disciplines Task Force (EDTF)
Terms of Reference

Issue Date: March 28, 2008   **Review Date: September 30, 2008**
Approved by: Council   **Review by: Council**
Responsible Authority: Council   **Function: Policy**

Legislated and other Mandate approved by Council	To develop a clear understanding of emerging engineering practices (Established by Council Motion, March 28, 2008)
Key Duties and Responsibilities	1. Identify issues relevant to PEO in these areas relating to established or anticipated practices; 2. Make recommendations to Council on action required in particular, defining the core body of knowledge of these disciplines; 3. Make recommendations to Council regarding Licensing of these areas of practice, including establishing rights to practice and enforcement concepts; 4. Provide advice and support on professional practice and admissions in this area; 5. Support external relations where appropriate; 6. Evaluate existing certification programs relating to these disciplines as they may impact the responsibility of PEO to License the practice of engineering.
Success Measurements of Key Duties and Responsibilities	The Task Force is to complete an initial analysis and scan of requirements and report back to Council within 6 months on its progress and a plan for work completion including budget and time lines.
Type of Committee	Advisory committee on policy matters
Responsible Authority	Council
Constituency & Qualifications of Committee Members	The committee members are to be chosen per relevant skills applicable to each of the subject matters to be addressed. It is envisioned that the TF would create a working group per emerging area subject and populate each of these with members and perhaps guests drawn for the relevant scientific community. We recognise that new Engineering grows from new science and therefore the initial stages may need to draw expertise from the scientific community that is not present in the Engineering one.
Recruitment of	Announce the creation of the TF and call for volunteers for each of the

New Committee Members	working groups. In particular, ensure that at least one person is from Waterloo U on the Molecular Engineering working groups as they are immediately implicated. Other Engineering Faculties may also have related courses or programs, for example, UofT teaches nanotechnology in a course. The Cancer research foundation, hospitals, and pharmaceutical firms may also have engineers working in these leading edge arenas. For the Communications Infrastructure Engineering, we already have a well established practice with telecommunications extending itself into the Internet and respective Networking, including the wireless technologies. Hence, source of volunteers include firms like Bell, Rogers, Telus, Ontario Hydro, as well as equipment suppliers like Nortel, Cisco, Sunsystems, Avaya, etc.
Quorum	The chair of the working group and at least 50 percent of the group must partake in a meeting for a valid decision.
Reporting Requirements	The TF will provide a 6 month report after its creation to provide status and expected time frame to complete its work. It is expected that the TF complete is work within 18 months of its creation.
Meeting Frequency & Time Commitment	The TF will meet approximately monthly. However, email exchanges are encouraged since the work consists of the creation of two key documents – the core body of knowledge defining the know-how of the new discipline and the rights to practice document defining what areas of new practice are to be affected.
Staff Advisor	Manager, Policy, Governance and Culture
Staff Support	