

Issues Policies

EMERGING TECHNOLOGIES

Date of Adoption: February 22, 1999 Motion #4259

Date of Latest Amendment: Motion

Level 1 Policy Statement:

In Canada, the protection of the public requires that the practice of engineering be regulated by the engineering profession. The public shall not be confused or misled by the misuse of the words engineer and engineering.

Level 2:

The protection of the public requires that the practice of engineering in emerging areas be regulated. The profession shall identify and recognize when basic science emerges as the practice of engineering.

The practice of engineering is a systematic knowledge, based on science, required to manufacture a product, carry out a process, or render a service.

A new engineering area emerges when a unique core body of knowledge coalesces, and when this knowledge evolves to the development and design of devices, processes, systems, and services which affect the welfare and safety of the public.

Level 3:

3.1 When a new area of engineering practice has been deemed to have emerged, CCPE shall immediately proceed to recognize, define and recommend on the regulation of that area of practice.

3.2 The public shall be made aware of the value-adding role of engineers in emerging areas of practice.

3.3 An appropriate amount of CCPE's resources will be allocated, on an ongoing basis, to reflect the profession's priority in this area.

