
Faculty of Engineering Statement Concerning The University's Relationship With the Association of Professional Engineers of New Brunswick

University Secretariat

POL-E.2

Policy

1.0 Purpose

- 1.1 The University of New Brunswick has been offering instruction in engineering since 1854 and it intends to continue its tradition of providing programs which meet the contemporary needs of the young people of the region and the nation.

2.0 Applicability

- 2.1 University-wide

3.0 Definitions

- 3.1 None applicable

4.0 Implementation

- 4.1 THE UNIVERSITY RECOGNIZES THAT:
 - 4.1.1 The practice of professional engineering in the several provinces and territories of Canada is regulated by unique legislation in each jurisdiction. In the Province of New Brunswick the "ENGINEERING PROFESSION ACT" is intended to specify the practice of Engineering and designates of the Association of Professional Engineers of the Province of New Brunswick as the agent which determines who may practice engineering in the Province.
 - 4.1.2 The several undergraduate programs leading to Bachelor of Science degrees in Engineering and the Bachelor of Science in Forest Engineering are specifically intended to provide the basic academic qualifications necessary for a career in Engineering and entry into the profession.
 - 4.1.3 The professional engineers of Canada through their provincial and territorial associations as constituent members of the Canadian Council of Professional Engineers coordinate matters relating to the profession in the nation. The national standard levels of acceptance of sufficient academic qualification for entry to the profession are established and supervised by the Canadian Accreditation Board of the Canadian Council of professional Engineers.
 - 4.1.4 In keeping with the objectives stated in (1.1) and (4.1.2), it is in the best interest of the students in the undergraduate engineering programs, the University of New Brunswick, the profession of engineering in Canada and the Province of New

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Brunswick that the several engineering programs offered by the university be of acceptable standard, i.e. be "accredited" by the Canadian Accreditation Board.

- 4.2 The activities of the Faculty of Engineering of the University of New Brunswick include undergraduate and graduate degree programs in Engineering and Computer Science. Research activities form a part of many of the degree programs and some research not specifically associated with a particular program is also carried on. The University endeavors to utilize only suitably qualified people for each of these endeavors and recognizes the special qualifications and abilities are required for specific activities.
- 4.3 The University of New Brunswick recognizes that an accreditable degree program must include among other curriculum components acceptable amounts of engineering science, design and synthesis. To ensure instruction of the best quality in these areas, it is important that instructors have excellent qualifications in both theoretical and applied aspects of these fields and can relate them effectively to the needs of society. Such qualifications would normally make the instructor eligible for membership in the APENB. The University intends to continue its policy of employing only well qualified personnel to give instruction in such subjects and will inform all present and prospective new members of its Engineering Faculty of the desirability of membership in the APENB and will strongly encourage such membership.
- 4.4 The University of New Brunswick wishes to maintain the good relationships and close liaison that it has enjoyed with the APENB in the past and to foster greater cooperation in the future. To this end membership in the APENB of Engineering Faculty members will be strongly encouraged to the benefit of both the University and the APENB. To strengthen the formal link between the University and the APENB the University requests the APENB to continue to appoint each year a non academic representative to the Engineering faculty Council and that this representative convey to the Council of the APENB all matters of substance which may be of interest to the Association and convey to the Engineering Faculty Council any substantive matters being considered by the Council of the Association which relate to the university's role in the Engineering community in the Province. The University wishes to continue to assist the Association as it has in the past and in other ways which may be desirable and feasible.
- 4.5 Because of the particular instructional needs of the Faculty of Engineering of the University including the development of new programs of instruction, it may from time to time utilize the expertise of highly qualified personnel who may not because of their training and expertise be eligible for membership in the Association of professional Engineers. Generally these experts may include: mathematicians, physical and social scientists, planners and



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others who can contribute to the development of and offer courses of instruction which complement other aspects of engineering education and which may anticipate and/or fulfill perceived needs of the profession and/or society.

5.0 Interpretation and Questions

- 5.1 University Secretariat Office is located in Sir Howard Douglas Hall, Room 110. Questions concerning this policy may be directed to (506) 453-4613 sjd@unb.ca.