



# Engineers and Geoscientists

## Pathway to Registration for Internationally Educated Professionals (IEP) in New Brunswick

Engineers and Geoscientists are regulated professionals in New Brunswick (NB). This means that you must be registered with the [Association of Professional Engineers and Geoscientists New Brunswick \(APEGNB\)](#)—the regulatory authority—to be authorized to practice and to use the titles of “Engineer”, “Professional Engineer”, “Eng.”, “P. Eng.”, “Geoscientist”, “Professional Geoscientist”, “Geo.”, or “P. Geo.”, or any similar title, designation, or abbreviation.

Engineering is any act of planning, designing, composing, evaluating, advising, reporting, directing or supervising, or managing any of the foregoing, that requires the application of engineering principles and that concerns the safeguarding of life, health, property, economic interests, the public welfare or the environment.<sup>1</sup> It covers many disciplines including civil, mechanical, electrical, electronics, computer, manufacturing, natural resources, and others. Geoscientists include geologists, geochemists and geophysicists who conduct programs of exploration and research to extend knowledge of the structure, composition and processes of the earth, to locate, identify and extract hydrocarbon, mineral and groundwater resources and to assess and mitigate the effects of development and waste disposal projects on the environment.<sup>2</sup>

For work opportunities and other information, visit [NBjobs.ca](#) and search for Engineers or Geoscientists.



## STEPS TO REGISTRATION

### PART 1: COMPETENCY ASSESSMENT

**Step 1 – Academic Credentials:** The minimum Canadian education requirement to be eligible for practice in NB is a bachelor’s degree in engineering accredited by the [Canadian Engineering Accreditation Board \(CEAB\)](#), or a geoscience degree assessed against the [Geoscience Knowledge Requirements](#). All IEPs must demonstrate that their education is substantially equivalent. Applicants must first have a course by course (ICAP) report from [World Education Service \(WES\)](#) sent directly to APEGNB. They must then complete the appropriate [online application](#) and submit the required [supporting documentation](#)<sup>3</sup>. Engineers covered under the [Washington Accord](#) may have their academic credentials expeditiously reviewed. The APEGNB Examinations Committee will determine if an applicant; (1) possesses an education that is substantially equivalent, or (2) appears to meet academic requirements, but [confirmatory exam\(s\)](#) or an interview is required, or (3) has gaps in education and is assigned [technical exams](#) or university-level courses to complete. Current WES fees can be found [here](#) and the APEGNB assessment fee [here](#). Additional fees for exams will apply.

**Step 2 – Experience Assessment:** Once academic credentials are deemed substantially equivalent, applicants must next demonstrate capability to practice at a professional level through a [Competency-Based Assessment \(CBA\)](#) of their experience using the [online portal](#). There are different frameworks for [Engineers](#) and [Geoscientists](#). Many of the required competencies may be satisfied through international experience, but there are mandatory Canadian Work-Environment Competency requirements. There is a \$50 cost for this assessment.

<sup>1</sup> The practice of engineering as defined by [Engineers Canada](#).

<sup>2</sup> [National Occupational Classification \(NOC\)](#) definition.

<sup>3</sup> All documentation must be officially translated into English or French.

**Step 3 – Language Proficiency:** Proficiency in either English or French<sup>4</sup> is a requirement for registration. All applicants must receive a minimum score of 3 on all CBA communication competencies. If your education and work experience was also completed in either English or French, you will not require a language proficiency test. All others must provide results from a language proficiency assessment that meets APEGNB benchmarks (i.e., [Canadian Language Benchmarks](#) CLB-7 or equivalent). Third party testing fees may apply.

## PART 2: REGISTRATION WITH THE NEW BRUNSWICK REGULATORY BODY

**Step 4 – Member in Training (MIT):** Applicants who pass the academic assessment, but who do not meet all the requirements of the CBA may apply to register as an MIT and gain additional experience. MITs must work under the supervision of a P.Eng. or P.Geo. as they use the [Competency Assessment System](#) to record their progress in meeting the CBA requirements. Current MIT fees can be found [here](#).

**Step 5 – National Professional Practice Examination (NPPE):** The NPPE confirms knowledge of professionalism, law, and ethics. All applicants for a professional designation (P.Eng./P.Geo.) must pass the online NPPE before being licensed to practice. The NPPE application and current fees can be found [here](#).

**Step 6 – Professional Status:** After satisfying all the above, applicants may apply for full membership to receive their professional designation. Current fees can be found [here](#).

**If you're in New Brunswick:** Contact a [WorkingNB](#) office for help navigating the registration process and to access employment counselling services.



## REGISTRATION COSTS AND TIMELINE<sup>5</sup>

The total fee to become a full member of APEGNB is approximately \$1,750 CAD. Total costs may be more depending upon requirements for additional exams, language assessments, etc. The academic assessment can take 6-12 months. Additional time to achieve professional designation will vary considerably based on individual circumstances (e.g., exam scheduling, exam rewrites, CBA completion requirements, etc.). The average time to become a member for experienced professionals is 18-24 months. Newer graduates can expect a minimum of four years working as an MIT to complete their CBA requirements.

**Pre-arrival:** You may begin your academic assessment with APEGNB before you arrive in Canada, but you must be a NB resident to receive your results.



## WORKING IN NEW BRUNSWICK, CANADA

To work legally in Canada, you must be a Canadian citizen, a permanent resident, or hold a valid work permit. For immigration assistance, visit [Immigration New Brunswick](#). If you are already in Canada, WorkingNB employment counsellors are available to assist you prior to your arrival in New Brunswick. Email: [vecs.svce@gnb.ca](mailto:vecs.svce@gnb.ca) to set up an appointment.



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<sup>4</sup> English and French are the official languages of New Brunswick.

<sup>5</sup> Fee and timeline estimates are as of September 2024 and are subject to change. Individual situations may increase costs and timelines—some examples include: document translation into English or French, international couriers, document notarization, travel and living to exam sites, any professional liability insurance requirements, etc.