

ENGINEERS

Engineers use science and math to describe how things behave in nature. They solve problems and improve our quality of life. Engineers are employed by consulting firms, government, utilities, in manufacturing, processing and transportation industries, and by research, health-care and educational institutions. They may also be self-employed.

Engineering is a regulated profession.

To practise engineering in Manitoba you must:

- have a bachelor's degree in engineering, accredited by the Canadian Engineering Accreditation Board OR if you are an internationally trained engineer and you completed a post-secondary program (typically a bachelor's degree) of at least four years' duration you must complete an academic assessment
- have at least four years of engineering experience
- be registered with the Association of Professional Engineers and Geoscientists of Manitoba

You must complete the following steps:

STEP 1: E-mail or phone the Association of Professional Engineers and Geoscientists of Manitoba and tell them you are an internationally educated engineer and would like information on how to become licensed to practise in Manitoba.

Association of Professional Engineers and Geoscientists of Manitoba
Claudia Shymko, Assessment officer
870 Pembina Highway
Winnipeg, Manitoba R3M 2M7
Phone: 204-474-2736 ext. 226
Fax: 204-474-5960
E-mail: cshymko@apegm.mb.ca
Website: www.apegm.mb.ca

STEP 2: Complete the Association of Professional Engineers and Geoscientists of Manitoba application form to apply for an academic assessment if you do not hold a degree accredited by the Canadian Engineering Accreditation Board and are not registered in any other Canadian engineering association. Otherwise, skip to STEP 4.

You must submit the following:

- your original transcript(s) – sent to APEGM directly by your educational institution

- original or notarized degree(s) plus one photocopy of each degree
- original syllabi (course descriptions) or notarized copies** (Including syllabi will expedite your application. You may apply without them but if they are requested later date you must provide them at that time.)
- one engineering report
- a detailed, chronological resumé of your work experience
- original or notarized related documentation plus one photocopy of each
- proof of Canadian Language Benchmark Level 8
- a photocopy of one of the following – current passport, citizenship card, driver's licence

The documents you must submit are detailed on pages 4 & 5, section C of the APEGM application checklist. The checklist is available on the APEGM checklist.

Note: To make sure that the application and documentation is complete you are strongly advised to make an appointment with Claudia Shymko (cshymko@apegm.mb.ca) to review your documentation.

STEP 3: Complete examinations as determined or course equivalents as specified by the association.

STEP 4: Complete the application form to apply as an engineer-in-training.

You must submit the following:

- completed open-book test on the act, code of ethics and bylaws of the Association of Professional Engineers and Geoscientists of Manitoba
- application fee

STEP 5: Complete work experience requirements.

STEP 6: Complete required volunteer service and professional development hours.

STEP 7: Complete the professional practice examination.

STEP 8: When all requirements have been met and fees paid, you will be registered by the association as a professional engineer and may practise in Manitoba.

Other information

First-time registration as a professional engineer is \$425, which includes annual dues of \$300.

If you are currently registered with another engineering association you may apply under the inter-association mobility agreement.

Association of Professional Engineers and Geoscientists of Manitoba examinations are held in May and December of each year. You are given syllabi, textbook information, etc. to help prepare for examinations and are expected to complete an average of one examination per 12 months. Each examination costs \$300.

First-time enrolment for an engineer-in-training is \$265, which includes the annual dues of \$125.


Engineer-in-training application forms will be forwarded to you once the academic assessment process is completed. If you hold a degree accredited by the Canadian Engineering Accreditation Board, contact AHinchliffe@apegm.mb.ca to obtain an engineer-in-training application form.

Engineers-in-training must submit detailed information about their work experience including the names and addresses of supervisors. Supervisors also must submit reports in order to verify this information. Candidates who had been assigned a confirmatory examination program are often allowed to count experience gained in other countries or provinces as well as experience gained in Manitoba while on the exam program. References will be requested after 40 months of work experience have been completed.

At least one of the four years of required work experience must be obtained in a Canadian environment. At least three of these years must be obtained after completion of the degree.

Revised November 2009

Useful website:

 immigratemanitoba.com: employment support for New Manitobans, programs to help you get licensed, learn English for work, and more information and resources