IN CANADA, ENGINEERING IS A REGULATED PROFESSION.

This means that in Canada, you have to have a recognized undergraduate university degree in engineering **and** you have to be registered with (be a member of) a provincial engineering association in order to call yourself an engineer and in order to practice engineering as Member-in-Training (MIT) or Professional Engineer (P.Eng.). The association that regulates the engineering profession in Manitoba is called **Engineers Geoscientists Manitoba**.

THERE ARE TWO MAJOR REQUIREMENTS FOR A PROFESSIONAL ENGINEER (P.ENG.) LICENSE IN MANITOBA

- **A.** You need to be considered *academic qualified* by Engineers Geoscientists Manitoba. There are three ways to be considered *academically qualified* by Engineers Geoscientists Manitoba:
 - 1. Complete a Bachelor-level engineering degree from an accredited Canadian university program.
 - 2. If your bachelor-level engineering degree is from an accredited engineering program in one of the countries listed in the Washington Accord (an international agreement), you can apply to Engineers Geoscientists Manitoba for a Verification Assessment and most likely, you will be considered academically qualified with no further requirements. The Washington Accord covers accredited bachelor-level engineering degrees from the USA since 1980, Ireland since 1989, Australia since 1989, Great Britain since 1989, New Zealand since 1989, Hong Kong since 1996, South Africa since November 1999, France since October 1999, and Japan since June 2005.
 - 3. If your bachelor-level engineering degree is not covered by the previous two options, then you need to apply to Engineers Geoscientists Manitoba for an *Assessment of Academic Credentials* (see reverse side).

ONCE YOU ARE CONSIDERED ACADEMICALLY QUALIFIED, YOU MAY REGISTER AS A MEMBER-IN-TRAINING (MIT) WITH ENGINEERS GEOSCIENTISTS MANITOBA.

B. Acceptable engineering work experience (48 months). At least 12 of the 48 months of experience must be in Canada or in a Canadian environment. Also during the Member-in-Training period, you must complete a certain amount of professional development and professional service, and successfully complete the National Professional Practice Exam in order to be eligible for the P.Eng. license.

TO REGISTER AS A P.ENG. WITH ENGINEERS GEOSCIENTISTS MANITOBA, YOU NEED TO COMPLETE BOTH MAJOR REQUIREMENTS.

Everyone who wants to register as a P.Eng. in Manitoba must meet these requirements. These requirements apply to people born in Canada and born outside of Canada. These requirements also apply to those who received their engineering degree from a university in Canada, and those who received their engineering degree from a university outside of Canada. For more information and details, contact Engineers Geoscientists Manitoba or refer to this Fact Sheet published by Manitoba Education and Training, on-line at:

http://www.immigratemanitoba.com/settle-in-manitoba/regulated-professions-and-trades/eng-fact-sheet/

Most immigrants need to have an Assessment of Academic Credentials completed by Engineers Geoscientists Manitoba, as the first step toward becoming licensed as an engineer in Manitoba.

Assessment of Academic Credentials

This is a review of your transcript and course syllabi (course outlines) from your original bachelor degree in engineering by Engineers Geoscientists Manitoba's Academic Review Committee

The most likely outcome is:

Confirmatory Exams Required

(Confirmation of your background; possibly addressing an identified gap in your academic background)

You have 6 options to address your exams:

1. Complete the Confirmatory Exams

Get information from Engineers Geoscientists Manitoba.

2. Take courses at the University of

Manitoba instead of the exams. Equivalent courses are determined by Engineers Geoscientists Manitoba.

Often one exam = two courses at the university.

3. If you were assigned five exams or less, you can apply to the Internationally Educated Engineers Qualification (IEEQ)

Program at the University of Manitoba.

Get information at www.umanitoba.ca/engineering/ieeq e-mail ieeq@umanitoba.ca, or call 204-474-8961.

4. If you have more than ten years' engineering experience in your field, Engineers Geoscientists Manitoba *may* give you the option to apply for an **oral interview**, with a view to waiving some or all of the assigned Confirmatory Exams. Get information from Engineers Geoscientists Manitoba.

5. If your undergraduate degree was in engineering, you have the option to **complete a M.Sc., M.Eng., or Ph.D. in engineering** at a CEAB accredited institution.

Get information from Engineers Geoscientists Manitoba.

6. If you have been assigned five exams or less, you are eligible to take the **Fundamentals of Engineering (FE) Exam** instead of confirmatory exams.

Get information from Engineers Geoscientists Manitoba.

Once you have successfully completed one of the available options, your file will be reviewed by Engineers Geoscientists Manitoba and typically, you will be considered academically qualified by Engineers Geoscientists Manitoba and eligible to register as Member-in-Training.

Your date of academic qualification will normally be the date of completion of your first undergraduate engineering degree. Four years of acceptable engineering work experience following the date of academic qualification is required in order to apply for registration as a P.Eng.