RESEARCH & THE P. ENG. LICENSE

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Professional Engineer (P.Eng.) License

Do you want to practice engineering officially?

Do you want to call yourself an engineer?

Do you want to have signing authority over your own designs?

Maybe you would like to be a consulting engineer, and run your own firm?

To accomplish all of these goals you will need a Professional Engineer (P.Eng.) license.

The law requires licensure and membership with The Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) in order for you to be called an engineer or consulting engineer.

Do you want to learn more...?
“How do I get my license?”

1. **Citizenship:** Canadian citizenship or Landed Immigrant status is required to apply as a Professional Member.

2. **Post-secondary education:** An undergraduate degree from a recognized accredited engineering, geology or geophysics program or equivalent is required. You must have your institution provide APEGGA with a Certificate of Graduation and official transcripts.

3. **Experience:** To become licensed as a Professional Member, you will require four years of on-the-job work experience under the supervision of a licensed professional, including at least one year of equivalent Canadian experience requirement.

4. **Character:** You must be of good character and reputation. Good character connotes moral and ethical strength and includes integrity, candor, honesty and trustworthiness. Character is what a person is, while reputation is what others believe that person to be.

5. **Knowledge of Law and Ethics:** You must demonstrate knowledge of law, professionalism, and ethics. This may be accomplished by passing the National Professional Practice Examination (NPPE).

6. **English Language Competency:** You must be competent in the English language and must be able to effectively communicate at a professional level.

“Can I get ‘Experience – Credit’ to reduce the number of years of professional work experience required by APEGGA?

**ABSOLUTELY!!!!!!**

Read on for some great options...
Professional Experience Requirements

**Option #1 – Internships & Co-Op Experience**
Eligible Internships and Co-Op Experience before the bachelor’s degree will give you...
1 (maximum) year of credit **but...**
You will STILL need 3 more years of work experience to get your license

**Option #2 – Graduate Studies (Master’s of Engineering)**
Master’s of Engineering (M.Eng.) in Mechanical Engineering will give you...
1 year of credit **but...**
You will STILL need 3 more years of work experience to get your license
(this assumes that you have NO eligible internship or co-op experience)

**Option #3 – Graduate Studies (Master’s of Science)**
Master’s of Science (M.Sc.) in Mechanical Engineering will give you...
1 ½ year of credit **but...**
You will STILL need 2 ½ more years of work experience to get your license
(this assumes that you have NO eligible internship or co-op experience)

**Option #4**
Internships & Co-Op Experience + Graduate Studies – Master’s of Engineering
Eligible Internships & Co-Op Experience before the Bachelor’s degree = 1 (max) year of credit + Master’s of Engineering (M.Eng.) in Mechanical Engineering = 1 year of credit
You will ONLY need 2 more years of work experience to get your license

**Option #5**
Internships & Co-Op Experience + Graduate Studies – Master’s of Science
Eligible Internships & Co-Op Experience before the Bachelor’s degree = 1 (max) year of credit + Master’s of Science (M.Sc.) in Mechanical Engineering = 1 ½ years of credit
You will ONLY need 1 ½ more years of work experience to get your license
Suggestions

Here are some things that you can do right now to get ready for licensure:

- Secure internships every summer. This will also help if you wish to do graduate studies.
- Diversify your experience by doing research with a mechanical engineering professor in the Department.
- If you do research, make sure that it is practical and will count towards your work experience.