

Achieving Your Professional License

Documentation of Work Experience

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Presentation Goals

PEGNL – Mandate & Role

Becoming a P. Eng. and the requirements for licensure

Focus on experience qualifications

Work term experience credit & Logbook

P. Eng. vs E.I.T

Questions



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Engineering

A Regulated Profession in Canada

Requires licensure

Privileges & Responsibilities

Duties to the public

Subject to regulation & compliance

Similar to Doctors, Lawyers, Nurses, Architects, etc.



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Who/What is PEGNL?

Governed by the Provincial Engineers & Geoscientists Act 2008

Self-Regulated

Board of Directors

- Engineering/Geoscience Representatives elected by registered PEGNL license holders
- 3 non-engineering/geoscience representatives appointed by the Provincial Government
- Approx 5,000 registered members (P. Eng.; P. Geo.; E.I.T; G.I.T; Eng. L; Geo. L.)
- 3400 registered P. Eng. & 500 registered E.I.T



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PEGNL's Mandate

Public protection / Public welfare

Competent practice

Ethical practice



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How does PEGNL deliver on its Mandate?

Role

- **Licensure**
 - Responsible for the assessment of applications for licensure; Registration Committee determine academic & experience qualifications.
- **Regulation**
 - Discipline & Act Enforcement
- **Continued Competence**
 - Mandatory Professional Development

Becoming a Professional Engineer--- P. Eng.

It's the law --

practicing engineers must be licensed
use of engineering title

Professional Excellence

proud to be a licensed professional
sense of accomplishment /achievement of excellence
confirms qualifications / professional passport
marketability



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Requirements for Licensure

1. Acceptable academic qualifications

- Accreditation framework
- Canadian accredited degree – academics met

2. Acceptable Work Experience

3. English proficiency

- Completion of undergraduate or graduate degree in English
- TOEFL; CANTEST; IELTS
- ESL Courses
- Reference responses

Requirements for Licensure

4. Good Character

- Pleaded or found guilty of any offence under any statute?
- Found in any action civilly liable?
- Suspended, disqualified, censured, disciplinary action against you by any other institutes or organizations?

5. Successful completion of Professional Practice and Ethics Exam (PPE)



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Experience Requirement

- Important to recognize this requirement as you progress through your co-op program
- Minimum 48 months required for P. Eng. licensure
- Regulations state that up to 12 months qualifying work experience prior to graduation can be credited*

*(*Must be at or past the midway point of the academic program)*

- 12 months Canadian experience (or equivalent) required



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“Satisfactory” Work Experience

Not just about quantity – certain
elements required

Application of Theory:

Analysis

Design & Synthesis

Testing Methods

Implementation Methods



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“Satisfactory” Work Experience

Management - technical resources,
human resources, etc.

Social implications of engineering -
awareness of social impact of projects

Communication skills

Should be progressive in nature



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Supervision

By Professional Engineer or “equivalent”

P. Eng.

P.E. (USA)

C. Eng. (UK)

C.PEng. (Australia)

etc.

Supervisor with other qualifications – Resume will be required; Committee must determine if qualified to judge; at least one supervisor should be a P. Eng. or equivalent



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Documentation of Experience

Work term experience is not automatically credited

Important to log experience and/or have it verified/validated by a Professional Engineer supervisor or equivalent

Log Book

Chronological written record of work experience & professional development

Bi-Weekly entries - minimum monthly

Each entry 8-10 lines; clear & concise

Documentation of Experience

Each entry must be initialled by supervisor

Log must include the name, signature, and title of supervisor



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The LOG BOOK



Entry date and number of days for each activity	Record of all work - Minimum one entry per month. List employer's name for each entry. List supervisor's employer if not the same as that of applicant EIT/GIT.	Verification of supervisor or client

Supervisor's name in full, address and telephone number. Please verify that the work activities recorded in the right hand column are complete and accurate.	NAME _____ ADDRESS _____ _____ EMAIL _____ TELEPHONE _____
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Documentation of Experience

- Post-grad experience also not automatically credited
- Summary of Work Experience Form
- Detailed Resume
- Professional References (at least 3 required)
- Logbook (optional)

P. Eng. vs E.I.T.

P. Eng.

- Mandatory – practice and use of title
- Academics assessed
- Experience assessed
- Character assessed
- Language assessed
- PPE must be completed
- Mandatory Continuing PD program requirements
- Adherence to Code of Ethics

P. Eng. vs E.I.T.

E.I.T.

- Not mandatory – but use of title restricted
- Academics are assessed
- Character assessed
- Language assessed
- Applicable to those whom have achieved the academic requirements and are working towards qualified experience (48 months)
- Mandatory Continuing PD program requirements

P. Eng. vs E.I.T.

E.I.T.

- Structured Internship Program
 - Mentorship opportunities
 - Progress evaluations/interviews
 - Eligible to write the PPE during Internship period

Right to E.I.T. designation

Marketability

Networking opportunities

Opportunity to participate in group benefit plans



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