



Engineers PEI is the business name of
The Association of Professional Engineers
of the Province of Prince Edward Island

135 Water Street
Charlottetown, PE
Canada C1A 1A8
tel 902 . 566 . 1268
fax 902 . 566 . 5551
www.EngineersPEI.com

Application for the NATIONAL PROFESSIONAL PRACTICE EXAM

To be eligible, you must have completed a minimum of one year of engineering work experience following completion of the academic degree. Please mail or deliver this form with your payment to the address above.

PLEASE PRINT CLEARLY

NAME: _____ EIT No. _____

DATE OF BIRTH: _____

ADDRESS _____
(STREET, P.O. BOX, ETC.)

(CITY, TOWN, VILLAGE) (PROVINCE) (POSTAL CODE)

() _____ () _____ _____
(HOME PHONE) (BUSINESS PHONE) (E-MAIL)

ENGINEERING EXPERIENCE COMPLETED: _____ Months (up to examination)

EXAMINATION FEE ENCLOSED: \$ 210.00 Payment Method: CASH CHEQUE PAYPAL

SIGNATURE DATE

Note:

<i>For Exam Date:</i>	<i>June 14 – 16, 2021</i>	<i>August 30 – September 1, 2021</i>
<i>Application Deadline</i>	<i>May 7, 2021</i>	<i>July 16, 2021</i>



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NATIONAL PROFESSIONAL PRACTICE EXAM

Candidates for full membership (i.e., P.Eng.) in the Association of Professional Engineers of Prince Edward Island are required to write and successfully pass a National Professional Practice Exam (NPPE). This exam is normally administered in P.E.I. five times per year.

The NPPE is designed to examine applicants on the ethical considerations and obligations that accompany the privileges of professional status and the legal concepts relevant to professional engineers. Part of the examination tests the applicant's understanding of professionalism, while the remaining part tests the applicant's knowledge of engineering law and familiarity with jurisdiction-specific statutes, rules and regulations and the Engineering Profession Act and By-Laws.

ELIGIBILITY/EXCEPTIONS

It is considered beneficial for applicants to have at least one year of work experience after completion of their formal education before the examination is attempted. To be eligible to write the NPPE, you must also have an active application for Professional Membership or be enrolled as an Engineer-in-Training. An exemption will be granted to applicants who have passed the NPPE in another province or who are registered with another Canadian Association. Such applicants are still required to confirm in writing that they have read, understood, and agree to follow the Act and By-Laws and Code of Ethics of the Association of Professional Engineers of Prince Edward Island.

NATIONAL PROFESSIONAL PRACTICE EXAM SYLLABUS

The National Professional Practice Exam has seven syllabus subject areas. The questions are distributed on the exam according to the percentages shown.

1. Professionalism (7 – 10 questions)

- 1.1 Definition and Interpretation of Professionalism and Professional Status
- 1.2 The Roles and Responsibilities of Professionals in Society
- 1.3 Engineering and Geoscience Professions in Canada; Definitions and Scopes of Practice
- 1.4 The Value of Engineering and Geoscience Professions to Society

2. Ethics (17 – 21 questions)

- 2.1 The Role of Ethics in Society; Cultures and Customs
- 2.2 Ethical Theories and Principles
- 2.3 Codes of Ethics of Professional Engineers and Geoscientists in Canada
- 2.4 Common Ethical Issues and Dilemmas; Making Ethical Decisions

3. Professional Practice (27 – 32 questions)

- 3.1 Professional Accountability for Work, Workplace Issues, Job Responsibilities, and Standards of Practice
- 3.2 The Role and Responsibilities of Professionals to Employers and Clients
- 3.3 Relations with other Professionals and Non-Professionals; Business Practices
- 3.4 Statutory and Non-Statutory Standards and Codes of Practice
- 3.5 Risk Mitigation, Insurance, Quality Management and Due Diligence
- 3.6 Environmental Responsibilities and Sustainable Development
- 3.7 Use of Software, Computers and Internet-based Tools; Liability for Software Errors
- 3.8 Documentation Authentication and Control
- 3.9 Duty to Inform; Whistleblowing
- 3.10 Communication

4. Law for Professional Practice (23 – 28 questions)

- 4.1 The Canadian Legal System
- 4.2 Contract Law - Elements, Principles, and Applications
- 4.3 Tort Law – Elements, Principles, and Applications
- 4.4 Civil Law in Quebec
- 4.5 Business, Employment, and Labour Law
- 4.6 Dispute Resolution
- 4.7 Intellectual Property (Patents, Trade Secrets, Copyright, Trademarks); Intellectual Property Issues
- 4.8 Expert Witness
- 4.9 Bond and Construction Liens
- 4.10 International Law
- 4.11 Environmental Law
- 4.12 Workers Compensation and Occupational Health & Safety
- 4.13 Human Rights and Privacy Legislation
- 4.14 Further Areas of Law

5. Professional Law (7 – 10 questions)

- 5.1 The Acts, Regulations, and Bylaws of Provincial and Territorial Associations
- 5.2 Admission to the Professions
- 5.3 Illegal Practice, Enforcement Against Unlicensed Practice, and Misuse of Title
- 5.4 Professional and Technical Societies

6. Regulation & Discipline Processes (11%)

- 6.1 Discipline Procedures
- 6.2 Practice Reviews of Individuals
- 6.3 Practice Response of Firms
- 6.4 Continuing Professional Development

The National Professional Practice Examination consists of 100 multiple-choice questions. It is closed-book and is two and a half hours in duration. The questions are distributed in accordance with the percentages shown above. All candidates, regardless of whether they intend to practice engineering or geoscience, are required to write and pass the National Professional Practice Examination. Some Associations have extended the National Professional Practice Examination in their jurisdictions by adding multiple-choice and/or essay questions to the NPP Exam, and in those cases, candidates are allowed additional time to complete the examination. Contact the Association with whom you wish to register for specific details.

The pass mark is 65%. The examination results are reported as “pass” or “fail” with a Mastery Report provided only to candidates who have failed, indicating the candidate’s specific performance in each category. You are not penalized for wrong answers. The grade is final.

Applying to Write the Examination

An application form must be used when applying. It provides additional information on fees, examination dates, and deadline dates. The application must be accompanied by the appropriate fee and must be received by the deadline date noted on the application form. Application forms may be obtained from the Engineers PEI office by calling 902-566-1268 or requested by email: info@EngineersPEI.com.

The testing location is the Institute of Advanced Learning, 55 Grafton Street, Charlottetown, PEI. One piece of photo-ID must be shown upon arrival at the exam location, along with a printed copy of your booking confirmation email. Dictionaries are not permitted.

Within four weeks after the examination you will be advised of the results. For many, a pass may be the last step in the registration process. For others, there may be additional requirements before registration is granted. Failure will require that the examination be repeated, with another application and fee submitted

Study Material/Literature

The following is a list of the material required. All applicants will be tested on the primary literature but the secondary literature will be of interest. Texts are **not available** at the Engineers PEI office. *The obtaining of all reference materials is solely the responsibility of the individual candidate for admission.*

Primary Literature

1. *Canadian Professional Engineering and Geoscience: Practice & Ethics*, Fifth Edition, 2014 by Gordon C. Andrews or *Canadian Professional Engineering and Geoscience: Practice & Ethics*, Sixth Edition, 2018 by Gordon C. Andrews. You can purchase these through the website: <https://www.nelsonbrain.com/shop>
2. *Practical Law of Architecture, Engineering, and Geoscience*, Second Canadian Edition, 2011 or *Practical Law of Architecture, Engineering, and Geoscience*, Third Canadian Edition, 2015 by Brian M. Samuels and Doug R. Sanders. You can purchase these through the website: <https://www.pearson.com/ca/en.html>
3. The Prince Edward Island **Engineering Profession Act, By-Laws and Code of Ethics** - Available from Engineers PEI
4. **Canadian Professional Engineering and Geoscience: Practice & Ethics: Fifth Edition** - 2014 Gordon C. Andrews. Available at a discount at <https://www.nelsonbrain.com/shop>
5. **Practical Law of Architecture, Engineering and Geoscience (2011-Second Canadian Edition)** - Samuels & Sanders
6. **The Prince Edward Island Engineering Profession Act, By-Laws and Code of Ethics**. These particular booklets ARE available on the Engineers PEI website.
7. **Industry Canada Booklets:**
 - a) [A Guide to Copyrights](#)
 - b) [A Guide to Industrial Designs](#)
 - c) [A Guide to Patents](#)
 - d) [A Guide to Trade-Marks](#)

Secondary Literature

In addition to a general knowledge of statutes which are relevant to the listed topics, the following should be studied thoroughly:

1. Prince Edward Island's **Mechanics' Lien Act**.
2. **Occupational Health and Safety Act of Prince Edward Island** - Available at the Workers Compensation Board, 14 Weymouth Street, Charlottetown (902-368-5680 or 1-800-237-5049).

The following texts are noted as an additional background reference:

"Contemporary Canadian Business Law", Willes, John A., (3rd Ed., McGraw-Hill Ryerson)

Part I - Introduction, Chapters 1, 2 and 3

Part II - Torts

Part III - Contracts, Chapters 6 - 14

Part VIII - Special Legal Rights, Chapter 33 Patents, Trade Marks and Copyright.

Generally available at the TUNS Bookstore.

OR

"Law and Business Administration in Canada", Smyth and Soberman, (6th Ed., Prentice Hall)

Part I - Law in its Social Context, Chapters 1, 2 and 3

Part II - Torts

Part III - Contracts, Chapters 6 - 17

Available at St. Mary's or Dalhousie University Bookstores.

Engineering Law Workshop

A free workshop on Engineering Law is held twice per year, usually in the spring and fall. An email will be sent when the workshop is scheduled.

NPPE Practice Test

An optional online NPPE practice test is available for applicants to take to prepare for the NPPE. The practice test can be taken by anyone, anywhere in the world, simply by going to the NPPE practice test website (<https://nppepractice.ysasecure.com/>) signing up for an account, and purchasing the practice test for \$50.00. The practice test is composed of 50 retired questions that have appeared on previous NPP Examinations.