

National Professional Practice Exam (NPPE) Syllabus

A. Professionalism (10%)

- A.1 Definition and Interpretation of Professionalism and Professional Status
- A.2 The Roles and Responsibilities of Professionals in Society
- A.3. Engineering and Geoscience Professions in Canada; Definitions and Scopes of Practice
- A.4 The Value of Engineering and Geoscience Professions to Society
- A.5 The Roles and Responsibilities of Professionals to Management

B. Ethics (20%)

- B.1 The Role of Ethics in Society; Cultures and Customs
- B.2 Classical and Modern Ethical theories and Principles
- B.3 Codes of Ethics of Professional Engineers and Geoscientists in Canada
- B.4 Ethical Standards and Codes and Their Relationship to the Conduct of a Professional
- B.5 Common Ethical Issues and Dilemmas; Making Ethical Decisions

C. Professional Practice (27%)

- C.1 Professional Accountability for Work, Workplace Issues, Job Responsibilities, and Standards of Practice
- C.2 Relations with Other Professionals and Non-Professionals; Business Practices
- C.3 Statutory and Non-Statutory Standards and Codes of Practice
- C.4 Insurance, Risk Management, and Quality Management; Due Diligence
- C.5 Environmental Responsibilities and Sustainable Development
- C.6 Use of Software, Computers and Internet-based Tools; Liability for Software Errors
- C.7 Documentation Authentication and Control
- C.8 Duty to Inform; Whistleblowing

D. Communication (1%)

- D.1 Legal, Ethical, and Practical Aspects of Communication
- D.2 The Professional Relationship
- D.3 Communication Skills

E. Law for Professional Practice (23%)

- E.1 The Canadian Legal System
- E.2 Contract Law - Elements, Principles, and Applications
- E.3 Tort Law – Elements, Principles, and Applications
- E.4 Civil Code in Quebec and Common Law in Rest of Canada
- E.5 Business, Employment, and Labour Law
- E.6 Arbitration and Alternative Dispute Resolution
- E.7 Intellectual Property – Patents, Trademarks, Trade Secrets, Software Issues, Copyright
- E.8 Expert Witness
- E.9 Construction Liens
- E.10 International Law
- E.11 Environmental Law
- E.12 Workers Compensation and Occupational Health & Safety
- E.13 Human Rights and Privacy Legislation

F. Professional Law (8%)

- F.1 The Acts, Regulations, and Bylaws of Provincial and Territorial Acts
- F.2 Codes of Ethics; Conflicts of Interest
- F.3 Admission to the Professions
- F.4 Illegal Practice, Enforcement Against Unlicensed Practice, and Misuse of Title
- F.5 Professional and Technical Societies

G. Regulation & Discipline Processes (11%)

- G.1 Discipline and Enforcement Procedures
- G.2 Professional Inspection; Practice Reviews of Individuals
- G.3 Response to Complaints
- G.4 Licensing Corporations and Practice Review of Firms
- G.5 Response to Unethical or Incompetent Practice; Consequences of Unethical Practice
- G.6 Canadian and International Mobility
- G.7 Continuing Professional Development
- G.8 Use of Seals and Stamps