
PPE SYLLABUS

PART A - PROFESSIONAL PRACTICE AND ETHICS

Definitions and interpretations of professional status; obligations that accompany the privileges of professional status; unregulated, state regulated, and self regulated practice; powers of the PEO in the self regulated profession of engineering in Ontario; reserved practice and reserved titles; disciplinary consequences of violation of the Regulations including the Code of Ethics, as distinct from the legal liability; the independent practitioner and the employee engineer acting as a representative or agent; supervision of unregistered persons by a professional engineer; responsibilities of holders of Limited Licenses; ethical considerations related to standards of practice.

Recommended Text: Gordon C. Andrews: Canadian Professional Engineering and Geoscience: Practice and Ethics, Latest Edition, Nelson Education Ltd.

IMPORTANT REVIEW TOPICS FOR PART A (ETHICS)

Chapter1: Introduction to the Professions
Chapter2: Regulation of Engineering and Geoscience
Chapter3: Disciplinary Powers and Procedures
Chapter4: Basic Concepts of Professional Practice
Chapter5: Private Practice, Consulting, and Business
Chapter9: Principles of Ethics and Justice
Chapter10: Ethics in Professional Employment
Chapter11: Ethics in Management
Chapter12: Ethics in Private Practice and Consulting
Chapter13: Environmental Ethics
Chapter14: Environmental Threats and Disasters
Chapter15: Environmental Sustainability

PEO Code of Ethics (O. Reg 941/90 sec 77)

Professional misconduct (O. Reg 941/90 sec 72)

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PART B - ENGINEERING LAW AND PROFESSIONAL LIABILITY

Legal concepts and basics relevant to professional engineers including: the basic structure of the Canadian legal system, basics of business organizations; application of tort law principles in determining liability for negligence; limitation periods; essential elements and principles of contract law including grounds upon which a contract may be impeached; tendering issues, interpretation, discharge and breach of contracts; contracts limiting liability; engineering and other specific types of contracts; the Professional Engineers Act regulatory aspects; construction lien legislation; Competition Act issues of relevance to engineers; industrial property protection; employment laws; Human Rights Code Prohibitions against Discrimination and Sexual Harassment.

Recommended Text: D.L. Marston, —Law for Professional Engineers, Canadian and Global Insight, Latest Edition, McGraw-Hill Ryerson.

IMPORTANT-REVIEW TOPICS FOR PART B (LAW)

Chapter 1 - The Canadian Legal System

Chapter 2 - Business Organizations. Forms of Organization. "Private" & "Public" Corporations. Tax, Liability and Operational Implications

Chapter 3 -Global considerations

Chapter 4 -Tort Liability Principles of Tort Law. The Engineer's Standard of Care. Strict, Vicarious and Products Liability. Standard of Care and Duty to Warn.

Chapter 5 - Limitation Periods

Chapter 6 - Proof

Chapters 7 to 24 – Law of Contracts Offer and Acceptance. Intent, Consideration, Capacity, Legality.

Fraud, Misrepresentation, Duress, Undue Influence, Mistakes. Tendering, Interpretation and Discharge of Contracts. Breach of Contract and Fundamental Breach. Client Engineer Agreements, Concurrent Liability, Honesty. Construction Contracts.

Chapter 28 - Arbitration and Alternative Dispute Resolution (ADR)

Chapter 30 - Lien Legislation.

Chapter 33 - Industrial Property. Patents, Trademarks, Copyright, Industrial Designs, Trade Secrets.

Chapter 36 - Laws Relating to Employment

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