



**Enhancing the Engineering
Profession:
A Look at Other Professions
And Jurisdictions**

Speech to the Society's General Assembly
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Regulated Professions Survey (1999)

- 155/343 responded
- 50% have continuing competence program
 - 89% mandatory, with consequences
- 48% plan continuing competence program

Characteristics of Professions

1. Code of Ethics

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2. Minimum Academic Requirements

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3. Minimum Professional Experience

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4. Practice Standards

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6. Continuing Education Requirements

Characteristics of Professions

1. Code of Ethics
2. Minimum Academic Requirements
3. Minimum Professional Experience
4. Practice Standards
5. Practice Inspections
6. Continuing Education Requirements
7. Specialist Designation

DOCTORS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✓
Continuing Education Requirements	✓
Specialist Designation	✓

Score

7

CHARTERED ACCOUNTANTS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✓
Continuing Education Requirements	✓
Specialist Designation	✓

Score

7

LAWYERS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✓
Continuing Education Requirements	1/2
Specialist Designation	✓

Score 6 1/2

PHARMACISTS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✓
Continuing Education Requirements	1/2
Specialist Designation	✗

Score 5 1/2

NURSES

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✓
Continuing Education Requirements	✓
Specialist Designation	✓

Score

7

ARCHITECTS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✓
Continuing Education Requirements	✓
Specialist Designation	✗

Score

6

TEACHERS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✓
Practice Inspection	✗
Continuing Education Requirements	✓
Specialist Designation	✓

Score 6

New Brunswick Engineers: Why Compulsory?

- Life-long learning essential for competency
- Mobility rights for members
- Other professions require it
- Their Act, by-laws and Code of Ethics
- Proactive

PROFESSIONAL ENGINEERS

Code of Ethics	✓
Minimum Academic Requirements	✓
Minimum Professional Experience	✓
Practice Standards	✗
Practice Inspection	✗
Continuing Education Requirements	✗
Specialist Designation	✗

Score _____

Characteristics of Professions

	<i>Doctor</i>	<i>C.A.</i>	<i>Lawyer</i>	<i>Pharmacist</i>	<i>R.N.</i>	<i>Architect</i>	<i>Teacher</i>	<i>P. Eng.</i>
Code of Ethics	✓	✓	✓	✓	✓	✓	✓	✓
Minimum Academic Requirements	✓	✓	✓	✓	✓	✓	✓	✓
Minimum Professional Experience	✓	✓	✓	✓	✓	✓	✓	✓
Practice Standards	✓	✓	✓	✓	✓	✓	✓	✗
Practice Inspection	✓	✓	✓	✓	✓	✓	✗	✗
Continuing Education Requirements	✓	✓	1/2	1/2	✓	✓	✓	✗
Specialist Designation	✓	✓	✓	✗	✓	✗	✓	✗

Do **you** want to define the
profession?

OR

Do you want it defined for
you?