

ENGR 401

Professional Practice

COMPLIANCE I
LEGAL COMPLIANCE



Legal Compliance

Why?

Men with Guns?

i.e. fear of consequences?

Is Legal Compliance Voluntary?

To what extent does our society and system rely on voluntary compliance with the law?

Why do we comply with the law?

Is it:

1. Fear of the consequences of non-compliance?
2. Enlightened self-interest, to in return receive the benefits of a civil society?
3. Nature? (Our built-in ethics)
4. Nurture? (Our learned ethics)

Probably a mix of all of these.

Legal Compliance

With which laws should we comply?

All of them?

Well, of course, but that's quite a few!

< <http://www.legislation.govt.nz/> >

... and ~~none~~ few of us are lawyers.

Legal Compliance

What Industry wants Academia to Teach More of:

Understanding of the legislative environment

Especially health and safety legislation and its impact

Source: *Engineer Your Career – Industry and Academics Session Summary*
Engineering New Zealand, 27 November 2017

What is the Most Relevant Legislation to Engineering in New Zealand?

1. Privacy Act
2. Bill of Rights Act
3. Copyright Act
4. Electrical legislation, codes of practice, and standards
5. Resource Management Act 1991
6. Health and Safety at Work Act 2015
7. Health and Safety at Work (General Risk and Workplace Management) Regulations 2016
8. Companies Act 1993
9. Income Tax Act 2007
10. Employment Relations Act 2000
11. Crimes Act 1961
12. Building Act 2004
13. Local by-laws and town planning regulations
- 14....

What are particularly applicable laws?

Another take on the issue:

The University of Adelaide School of Mechanical Engineering Legal and Risk

<http://www.adelaide.edu.au/legalandrisk/compliance/legislation/school/mecheng>

Professional bodies:

Engineering New Zealand

<https://www.engineeringnz.org/>

IEEE Legal and Compliance Department

<https://www.ieee.org/about/corporate/compliance/legal/index.html>

What is the Most Relevant Legislation to Engineering in New Zealand?

1. In your pods, spend 15 minutes finding out as much as you can about one of the questions on the following slide.
2. Make a couple of PowerPoint slides to report back to the class (we will try to Zoom from Pod to class).
3. Each Pod will be expected to speak for 1-2 minutes on what they have found.

What is the Most Relevant Legislation to Engineering in New Zealand?

1. What do professional bodies such as ENZ, IEEE and the ACM have to say about legal and legislative compliance in their Codes of Practice?
2. What laws specifically apply to the Software Industry in NZ? Consider taxation, employment, immigration, etc. legislation.
3. What is the New Health and Safety Act? What new behaviours is this legislation driving?
4. How are Copyright, Intellectual Property and Digital Rights Management expressed in New Zealand?
5. Privacy and Health Information – Do we even care? Why?
6. What role does the Treaty of Waitangi play in Engineering in New Zealand?
7. Electrical Safety Legislation – is it just for ECEN Majors?
8. Legislation governing corporates – beyond our pay grade or essential to know?
9. What is a crime and how does it differ from other infractions against the law in New Zealand?

Reports from the Class
