

Introduction

Kris Bubendorfer & Paul Dagger

ENGR 401 *Professional* Practice

Overview || Your Lecturers



- A/Prof Kris Bubendorfer
- kris.bubendorfer@vuw.ac.nz
- AM415 || Open door

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- Paul (PJ) Dagger
 - paul.dagger@vuw.ac.nz
 - Office TBC || Office Hours TBC
 - Kris's COMP102 Lab Student
 - 20+ years professional whiteboarder
 - Gets paid to draw pictures of clouds



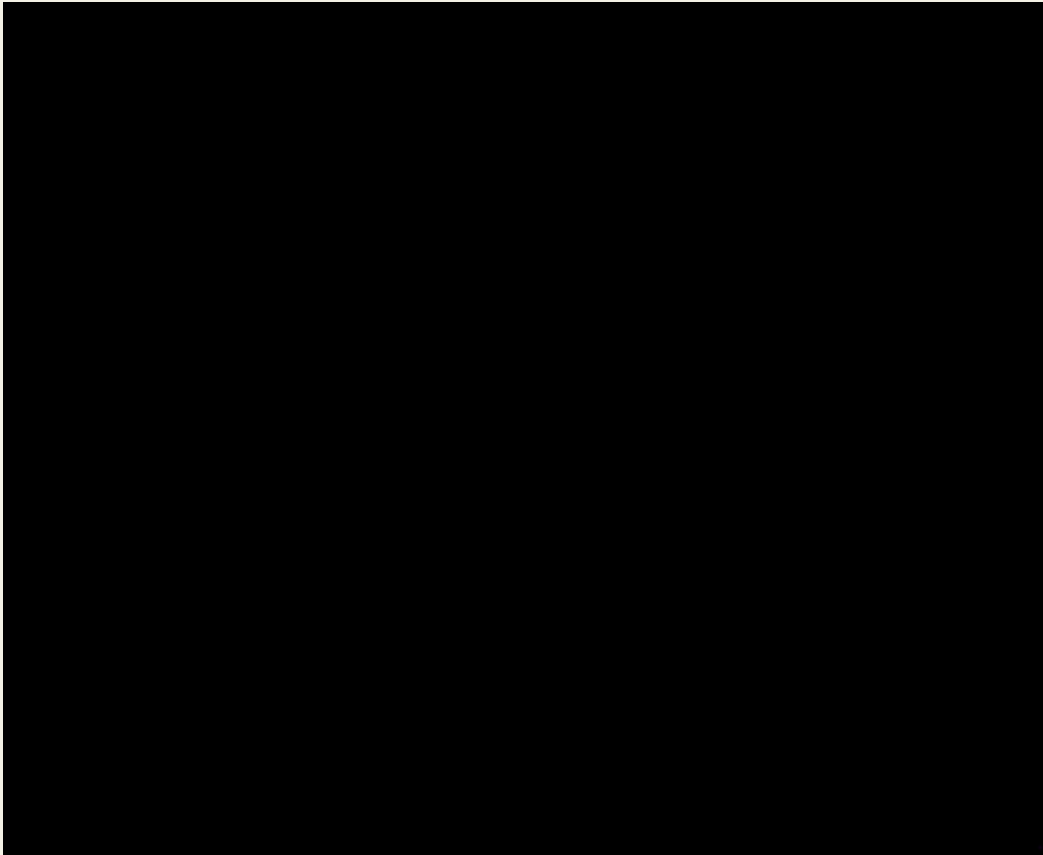
Tasks

- Elect class Rep.
- Discuss course feedback from 2023*.
- Lectures (Mondays and some Wednesdays) will be recorded.
- Workshops and student presentations will not be recorded.
- Announcements will be made via Nuku.
- Submissions will be via the ECS systems**.

Lecturing style

- Team taught lectures
- Workshops, with your tutors and Kris.
- Flipped for workshops (you need to do your homework first)
- We will use Nuku (where sensible) to record* mini-workshop activities.
- This room is horrible for workshops - currently I have no other options.

Business Policies



1. Is it plausible?
2. Is/was it true?
3. What value is this policy?
4. Where is the advantage to the business/business model?
5. Is it fair or does it lead to discrimination?
6. Is it Ethical?

<https://www.youtube.com/shorts/-Wbm6As2x38>

Ethics - what a conundrum.

- PunkSpider
- Unintended effects
- Consultants

Assessment

- Projects
 - Two individual projects (*15% of final grade each, 30% total*)
 - One 'group fusion' project (*15% of final grade*)
- Presentation
 - Group oral presentation of 'fusion project' findings (*15% of final grade*)
- Exam
 - Final Exam (*35% of final grade*)
 - Class participation exercises 5%

Lecture & Workshop Schedule

- Lectures

- Monday 9:00AM to 9:50AM Murphy LT220
- (Some) Wednesday 9:00AM to 9:50AM Murphy LT220
- Traditional but very entertaining interactive teaching – “Learn It”

- Workshops

- (usually) Wednesday 9:00AM to 9:50AM Murphy LT220
- Collaborative interactive practical sessions – ‘Apply It’

Professional Practices? || 'Simply' Situational Awareness

- Learning to use situational awareness to guide your behaviour
 - *What's the best communication style for your audience?*
 - *Commercial, intellectual property, industry, legislative constraints?*
 - *Risk awareness, treatment options, informed decision making?*
 - *Are you effecting inadvertent (or intentional) bias, offence, or bullying?*
 - *Financial impacts of your recommendations?*

Professional Practices || Situational Awareness Currency & Accuracy

- Developing Professional Practices involves;
 - *Currency - Developing the speed of detecting changes affecting your situational awareness*
 - *Accuracy – Developing the accuracy of modifications to your recommendations based on changes*
- The more current & accurate your situational awareness, the more effective
 - *Awareness of changes to delivery of a multi-year project?*
 - *Awareness of the outcome of a weekly status report?*
 - *Awareness of a specific discussion you are taking part of in a meeting?*