VICTORIA UNIVERSITY OF WELLINGTON
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Project Courses - 2022

ENGR489 &

COMP489 / CGRA489 / ELCO489 / AIML487

(Final year Project)

Outline

- Introduction
    - Project courses
    - Course Coordination
    - ENGR489 Projects

- Choosing your project

- Traffic light settings and its impact on the course

- Action Items for week 1

Introduction

Project Courses

- Broadly grouped as Engineering and Science projects
    - Engineering - ENGR489
    - Science - COMP489, ELCO489, CGRA489 and AIML487

- Note: Different categories, different regulations
    - Outlined in **separate handbooks**.
    - Although there are similarities please do not confuse the courses as there are differences

- Handbooks
    - **ENGR**: https://ecs.wgtn.ac.nz/Courses/ENGR489_2022FY/Resources
    - **Science**: https://ecs.wgtn.ac.nz/Courses/COMP489_2022FY/Resources

Course Coordinators

ENGR 489

- Jyoti Sahni and Alvin Valera

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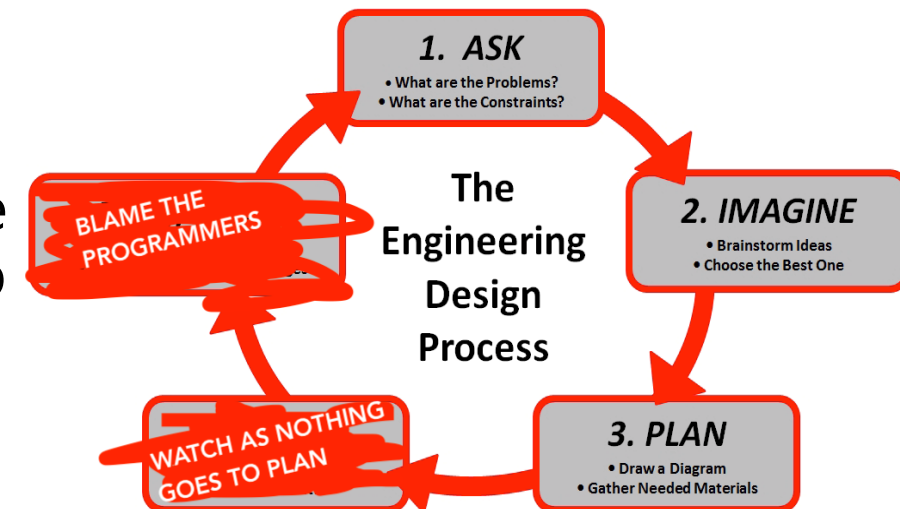## COMP489 / CGRA489 / ELCO489 / AIML487

- Simon McCallum

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ENGR project

- Individual project done under supervision

- Projects have a flavour of 'Engineering'

- Some are offered from (or in partnership with) Industry

- Has a specific timeline and time (300 Hours)

- Some projects with a similar theme and same supervisor(s) may be collated together as a 'group project' - Still marked individually

Science project

- Individual project done under supervision.

- Projects have a flavour of 'Research'

- Has a specific timeline and time (300 hours - 489 courses/ 450 hours – AIML 487)

- Research projects at 4th year range from literature reviews and analysis, repeating existing published work, through to the testing of new artifacts, and creation of knowledge.

Choosing your project

Choosing a Project

- Engineering - ENGR489
    - Online through Project Allocation System (PAS)

- Science - COMP489, ELCO489, CGRA489 and AIML487
    - Offline – Simon will get (or probably has already got) in touch with you

ENGR489 : Choosing a project

- Prior to the start of Trimester 1:
    - staff submit descriptions of the projects they wish to supervise.
    - projects from industry are also solicited.

- The online Project Allocation System (PAS) is used to register these projects

- You can see these projects and rank them based on your choice: https://ecs.wgtn.ac.nz/apps/projectselection
- The PAS system contains only a brief description of the projects.
    - During pick week (first week) you are encouraged to speak to potential supervisors to gain a better idea of what is involved.

ENGR489: Choosing a project

- The algorithm used for matching students to staff and projects is a variation on the Deferred Acceptance Algorithm (DAA).

- The algorithm produces stable matches and is strategy proof.
  - Trying to mislead the system about your rankings (e.g., to try and get a better allocation) will only lead to you getting a worse outcome.

ENGR489: Choosing a project

- Once everyone's rankings are complete, we run the algorithm and we're *almost* done.

- There may be remaining students and projects where the algorithm expended all the students choices without finding them a project (e.g. because the supervisors they chose were fully allocated to other students).

- In this case we enter what attempts to allocate students to the projects they prefer.

Some rules

- Students cannot pick more than two projects (excluding the industry projects) from any given (primary) supervisor.

- Students must rank at least seven different projects

- Staff rank the student-project selections.

- Privacy

- Some projects have co-supervisors listed.

- Industry projects: A student can pick as many industry projects from a supervisor and are not counted as part of "maximum of two projects" constraint discussed above.

Week 1 - To do's

- Rank your projects.

  - Opens on Monday Feb 28, 14:00 hrs

  - Ends on Thursday Mar 03, 23:59 hrs

- In case you have any doubts arrange to chat with the supervisor who proposed the project.

- We will let you know the results on Tuesday, week 2.

Course under different traffic light settings

Traffic Light settings and the course

- The 489 / 487 courses are distinct as compared to lecture based courses.

- These courses have a few lectures (mostly in first trimester):
    - Course expectations
    - Intellectual property
    - Ethics
    - Report writing – Referencing and bibliography etc.

- Most part of the course involves working of your project which may require meeting people (supervisor, clients, volunteers etc.)

Lectures

- Regular for the first six weeks (except Week 5 when the proposal is due). Then as needed, so carefully watch out for emails

- Delivered in person and over Zoom (Zoom link will be made available [here](#) soon)

- If there are any issues you wish to discuss, write to us.
  - Jyoti / Alvin – ENGR489
  - Simon – COMP489/CGRA489/ELCO489/AIML489

Other Components

- Other than lectures there are certain components which may require in-person attendance. These are listed at: https://ecs.wgtn.ac.nz/Courses/ENGR489_2022FY/CovidPlan.

- For some of these we have alternative plans in place; for other components, your supervisor and you need to identify contingency plans for any COVID related complications.

- Although these come into play after you have been allocated your project, but having a look at these may be helpful in deciding the projects you would like to select and rank.

Action Items

Don't forget

- To rank your projects.

    - Link https://ecs.wgtn.ac.nz/apps/projectselection

    - Opens on Monday Feb 28, 14:00 hrs, ends on Thursday Mar 03, 23:59 hrs

    - The PAS system contains only a brief description of each project. You are encouraged to speak to potential supervisors to gain a better idea of what is involved.

Next lecture

- Wednesday :17:10 - 18:00 at LT118, Laby, Kelburn
  - Come in or join over Zoom if you have any doubts or would like to discuss anything
  - Zoom Link (now available): https://vuw.zoom.us/my/courses489
  - Meeting passcode: Will be emailed to you in week 1