



THE UNIVERSITY OF  
MELBOURNE

# Master of Mechatronics Engineering

## Meet your Course Coordinator

**Airlie Chapman**

**Course Coordinator, Master of Mechatronics Engineering**  
ASSOCIATE PROFESSOR IN MECHATRONICS, Mechanical Engineering

The University of Melbourne acknowledges the Traditional Owners of the unceded land on which we work, learn and live: the Wurundjeri Woi-wurrung and Bunurong peoples (Burnley, Fishermans Bend, Parkville, Southbank and Werribee campuses), the Yorta Yorta Nation (Dookie and Shepparton campuses), and the Dja Dja Wurrung people (Creswick campus).

The University also acknowledges and is grateful to the Traditional Owners, Elders and Knowledge Holders of all Indigenous nations and clans who have been instrumental in our reconciliation journey.

We recognise the unique place held by Aboriginal and Torres Strait Islander peoples as the original owners and custodians of the lands and waterways across the Australian continent, with histories of continuous connection dating back more than 60,000 years. We also acknowledge their enduring cultural practices of caring for Country.

We pay respect to Elders past, present and future, and acknowledge the importance of Indigenous knowledge in the Academy. As a community of researchers, teachers, professional staff and students we are privileged to work and learn every day with Indigenous colleagues and partners.



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# TODAY'S TOPICS



**About your course coordinator**



**Understanding your course structure and rules**



**Course planning resources and websites**



**Key dates & timelines**



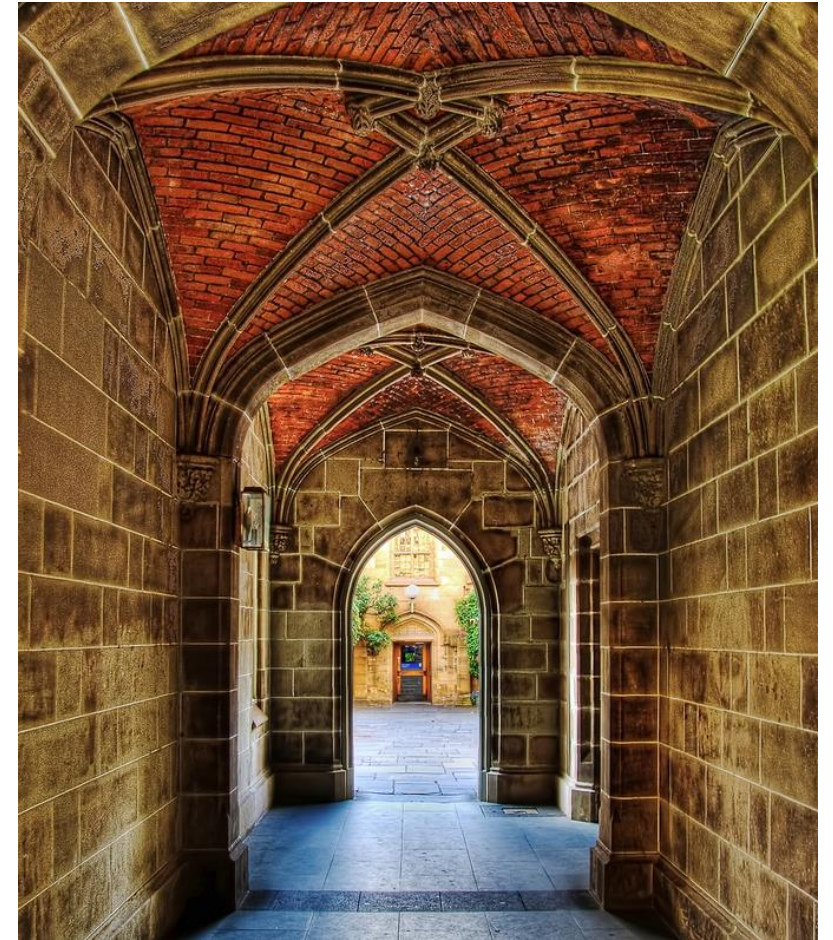
**Academic integrity, misconduct and special consideration**



**Resources, services & opportunities at the University**



**Questions**





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# ABOUT YOUR COURSE COORDINATOR

Get to know your course  
coordinator

About course  
coordinator

# CONTACTS



**A/Prof Jimmy Philip**  
**Deputy Head (Academic) / ME Mechanical**  
**[jimmyp@unimelb.edu.au](mailto:jimmyp@unimelb.edu.au)**



**A/Prof Airlie Chapman**  
**ME Mechatronics Course Coordinator**  
**[airlie.chapman@unimelb.edu.au](mailto:airlie.chapman@unimelb.edu.au)**

# TYPICAL SUBJECTS IN UOM



- » Most subjects: Semester 1, Semester 2
  - 12 weeks teaching
  - 1 week mid semester break
  - 1 week SWOTVAC (study break)
  - 3 weeks final exam period
- » Few Summer subjects, even fewer Winter
  - Delivered in 6 weeks
- » Most are by lectures:
  - Fundamental + workshops / tutorials
  - Project based
- » Lecture recording
- » Lecture attendance highly encouraged



# TYPES OF ASSESSMENTS

## » Typical Assessments in a subject

- Continuous Assessments: assignments, quiz, laboratory reports, workshop report, project
- Final Exam
- Hurdle Requirements

## » Deadlines:

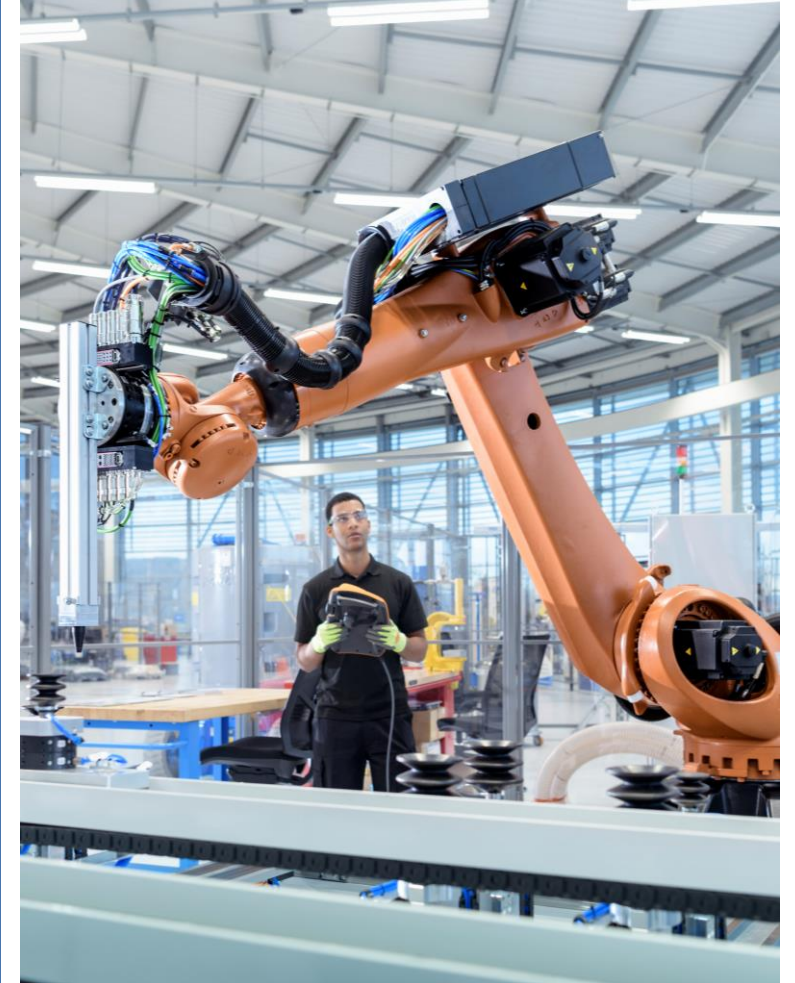
- All deadlines are strict
- Extension granted **ONLY** for very very good reasons





# INDUSTRY ENGAGEMENT

- » Industry advises on course program
- » Guest lectures
- » Site visits
- » Subject assignments with industry partners
- » Mentorship
- » Internships
- » Industry sponsored capstone projects
- » Industry collaborative research projects





# UNDERSTANDING COURSE RULES AND STRUCTURE

Learn about what is required of you throughout your studies and what options you have

About your  
Course

Enrolment  
Requirements

Course  
Structure

Electives

Course rules  
and notes

Engineering  
Practice  
Hurdle

# ENROLMENT REQUIREMENTS



## Domestic students:

Enrol in one subject  
**OR**  
Leave of Absence

## International student visa holders:

Full-time study load of at least 50 points

**OR**

Approved Reduced Study Load (RSL)

**OR**

Leave of Absence

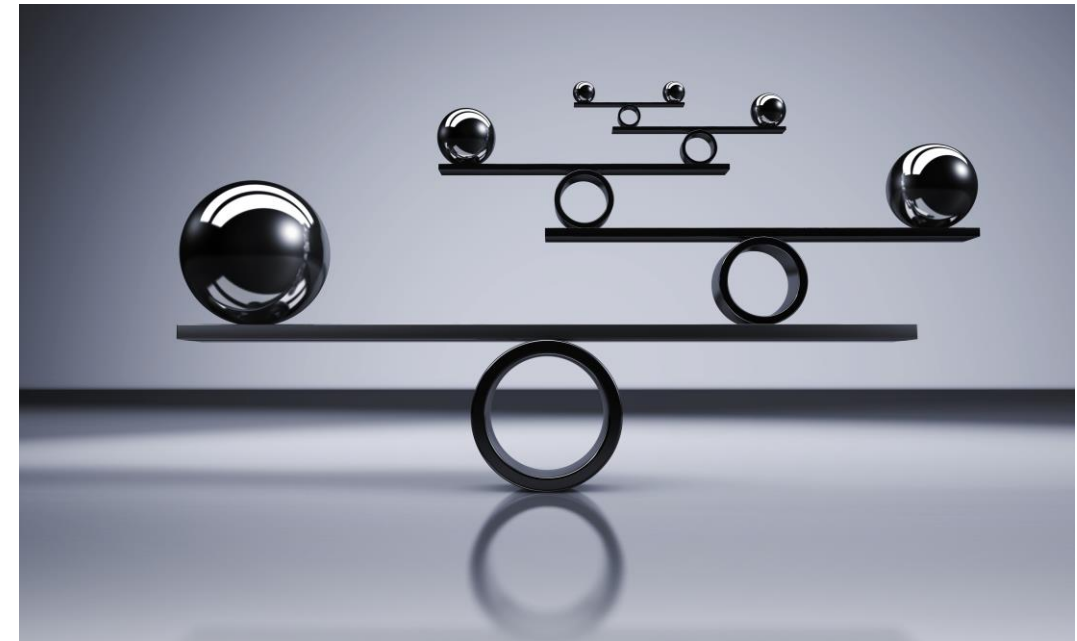


URL: <https://go.unimelb.edu.au/c3br>

# COURSE DETAILS



- » Master of Engineering
  - Lateral entry students
  - Pathway students (2 years)
- » Lateral Entries:
  - 300 points (3 years)
  - 250 points
  - 200 points (2 years)



# COURSE STRUCTURE



- » The subjects in the degree are organized based on the level of difficulties / maturity
- » The subjects in the first 50 points are likely to be prerequisites to the subjects in the second (and later) groups of subjects
- » Always check the handbook for the prerequisites of the subjects. Ensure that you have satisfied the prerequisite before attempting to enrol in a subject

<https://handbook.unimelb.edu.au/2023/courses/mc-mtrneng>



# MASTER OF MECHATRONICS ENGINEERING (MC-MTRNENG) REQUIREMENTS



**Compulsory subjects:** Core foundational knowledge

**Engineering selective subjects:** Elective subjects from a curated list of options

**Elective subjects:** Broader flexibility of engineering subject options

Year 1	S1	Compulsory subject	Compulsory subject	Compulsory subject	Compulsory subject
	S2	Compulsory subject	Compulsory subject	Compulsory subject	Compulsory subject
Year 2	S1	Compulsory subject	Compulsory subject	Compulsory subject	Compulsory subject
	S2	Compulsory subject	Compulsory subject	Compulsory subject	Engineering Selective subject
Year 3	S1	Compulsory subject	Engineering Elective subject	Engineering Elective subject	Engineering Elective subject
	S2	Compulsory subject	Engineering Elective subject	Engineering Elective subject	Engineering Elective subject

# MASTER OF MECHATRONICS ENGINEERING (MC-MTRNENG) REQUIREMENTS (with specialisation)



**Compulsory subjects:** Core foundational knowledge

**Engineering selective subjects:** Elective subjects from a curated list of options

**Elective subjects:** Broader flexibility of engineering subject options

**Core Specialisation subjects:** Compulsory subjects that must be taken if completing a specialisation

Year 1	S1	Compulsory subject	Compulsory subject	Compulsory subject	Compulsory subject
	S2	Compulsory subject	Compulsory subject	Compulsory subject	Compulsory subject
Year 2	S1	Compulsory subject	Compulsory subject	Compulsory subject	Compulsory subject
	S2	Compulsory subject	Compulsory subject	Compulsory subject	Engineering Selective subject
Year 3	S1	Compulsory subject	Engineering Elective subject	Core Specialisation subject	Core Specialisation subject
	S2	Compulsory subject	Engineering Elective subject	Core Specialisation subject	Core Specialisation subject

# SAMPLE COURSE PLAN

We will show sample course plans for students enrolled in 300-point, 250-point and 200-point Master of Engineering (Mechatronics), starting in Sem 1

These sample course plans will be served as the guidance to select subjects

The course plans have been considered to ensure the flow of prerequisites are respected for each start of the semester and the semesters a course is offered





# FIRST 100 POINTS



The first 50 points (core subjects) consist of:

Engineering Math (Sem 1, Sem 2, and Summer)

Engineering Mechanics (Sem 1 and Sem 2)

Foundation of Electrical Networks (Sem 1 and Sem 2)

Intro. To Numerical Computation in C (Sem 1 and Sem 2)

» The second 50 points (core subjects) consist of:

– Numerical Algorithms in Engineering (Semester 1 and 2)

– Systems Modelling and Analysis (Semester 1 and 2)

– Mechanical Systems Design (Semester 1 and 2)

– Analog and Digital Electronic Concepts (Semester 1 only)

# SECOND 100 POINTS



The second 100 points consist of:

Seven **core subjects** (87.5 points)

One selective subject (12.5 points)

» **Core subjects** available in both semester 1 and 2:

- Control Systems
- Embedded System Design
- Programming and Software Development
- Introduction to Machine Learning

» **Core subjects** available in only one semester:

- Dynamics ( Semester 1 only)
- Sensor Systems (Semester 1 only)
- Mechatronics Systems Design (Semester 2 only)

# SECOND 100 POINTS



The second 100 points consist of:

Seven core subjects (87.5 points)

One **selective subject** ( 12.5 points)

» One **selective subject** from any of:

- ENGR90021 Critical Communication for Engineers (Semester 1 and 2)
- ENGR90034 Creating Innovative Engineering (Semester 1 and 2)
- ENGR90039 Creating Innovative Professionals (Semester 1 and 2)

# THIRD 100 POINTS



The third 100 points consist of:

Two core subjects (25 points) from either:

- Engineering **Capstone Project** Part 1 (Semester 1 and 2)
- Engineering **Capstone Project** Part 2 (Semester 1 and 2)

Six elective subjects (75 points)

- At least 50 points from Mechatronics **Electives Group A**
- At most 25 points from Mechatronics **Electives Group B**

# THIRD 100 POINTS (with Manufacturing specialization)



The third 100 points consist of:

Two core subjects (25 points) from either:

- Engineering **Capstone Project** Part 1 (Semester 1 and 2)
- Engineering **Capstone Project** Part 2 (Semester 1 and 2)

Six elective subjects (75 points)

- 50 points from **Core Specialisation Subjects**
- 25 points from Mechatronics **Electives Group A or B**

# THIRD 100 POINTS – Electives Group A



## Semester 1 only

- Robotics Systems
- Advanced Motion Control
- Aerospace Dynamics and Control
- Artificial Intelligence for Engineers

## » Semester 2 only

- Advanced Dynamics
- Advanced Control Systems

## » Remaining

- Engineering Research Project Part 1 (Semester 1 and 2)
- Engineering Research Project Part 2 (Semester 1 and 2)
- MechEng Summer Research Project (Summer only)

# THIRD 100 POINTS – Electives Group B



## Semester 1 only

- The Ethics of Artificial Intelligence
- Design and Manufacturing Practice
- Engineering Entrepreneurship
- Manufacturing Processes and Technology
- Industrial Engineering
- Autonomous Systems Clinic

## » Remaining

- Internship (Semester 1, 2 and Summer)
- Distributed Systems (Semester 1 & 2)
- Electronic Circuit Design (Semester 1 & 2)

## » Semester 2 only

- Human Centred Mechanical Design
- Computational Biomechanics
- Mobile Computing Systems Programming
- Electrical Device Modelling
- Engineering Entrepreneurship
- Industry Digital Transformation
- Vibrations and Aeroelasticity
- Industrial Systems and Simulation
- Sustainable and Life Cycle Engineering
- Probability, Reliability and Quality
- Manufacturing Automation and IT

# THIRD 100 POINTS – Core Specialisation Subjects



## Semester 1 only

- Manufacturing Process and Technology
- Industrial Engineering

## » Semester 2 only

- Probability, Reliability and Quality
- Manufacturing Automation and IT



# 300 POINTS SEMESTER 1 START



300pt					
First 100 points	Sem 1	ENGR20004 Eng Mech (1, 2)	MAST20029 Eng Math (S, 1, 2)	COMP20005 Intro. to Num. Comp in C (1,2)	ELEN20005 FoEN (1, 2)
	Sem 2	MCEN30021 Mech Sys Des (1, 2)	MCEN30020 Syst Mod & Analysis (1,2)	ENGR30004 Numerical Algorithms in Eng. (1,2)	COMP90041 Prog & Softw Dev (1,2)
Second 100 points	Sem 1	MCEN90032 Sensor Systems (1)	ELEN90055 Control Systems (1,2)	MCEN90038 Dynamics (1)	ELEN30014 Analog and Digital Electro Conc (1)
	Sem 2	COMP90049 Introduction to Machine Learning (1,2)	MCEN90061 Mechatronics Systems Design (2)	ENGR90021 Critical Comm for Eng (1,2) OR ENGR90034 Creating Innovative Eng (1,2) OR ENGR90039 Creating Innovative Professionals (1,2)	ELEN90066 Embedded Sys Des (1,2)
Third 100 points	Sem 1	MCEN90037+38 Eng Capstone Project (1,2) (25pts)	Elective A,B OR (Man-Spec) MCEN90055 Manufacturing Processes & Tech. (1)	Elective A,B OR (Man-Spec) MCEN90058 Industrial Engineering (1)	Elective A,B
	Sem 2		Elective A,B OR (Man-Spec) MCEN90059 Probability, Reliability & Quality (2)	Elective A,B OR (Man-Spec) MCEN90057 Manufact. Automation and IT (2)	Elective A,B

# 250 POINTS SEMESTER 1 START



## 250pt

First 50 point	Sem 1	MCEN30021 Mech Sys Des (1, 2)	MCEN30020 Syst Mod & Analysis (1,2)	MCEN90038 Dynamics (1)	ELEN30014 Analog and Digital Electro Conc (1)
Subsequent 100 points	Sem 2	ELEN90066 Embedded Sys Des (1,2)	MCEN90061 Mechatronics Systems Design (2)	ENGR30004 Numerical Algorithms in Eng. (1,2)	COMP90041 Prog & Softw Dev (1,2)
	Sem 1	MCEN90032 Sensor Systems (1)	ELEN90055 Control Systems (1,2)	COMP90049 Introduction to Machine Learning (1,2)	ENGR90021 Critical Comm for Eng (1,2) OR ENGR90034 Creating Innovative Eng (1, 2) OR ENGR90039 Creating Innovative Professionals (1,2)
Final 100 points	Sem 2	MCEN90037+38 Eng Capstone Project (1,2) (25pts)	Elective A,B OR (Man-Spec) MCEN90059 Probability, Reliability & Quality (2)	Elective A,B OR (Man-Spec) MCEN90057 Manufact. Automation and IT (2)	Elective A,B
	Sem 1		Elective A,B OR (Man-Spec) MCEN90055 Manufacturing Processes & Tech. (1)	Elective A,B OR (Man-Spec) MCEN90058 Industrial Engineering (1)	Elective A,B

# 200 POINTS SEMESTER 1 START



200pt					
Second 100 points	Sem 1	MCEN90032 Sensor Systems (1)	ELEN90055 Control Systems (1,2)	MCEN90038 Dynamics (1)	COMP90041 Prog & Softw Dev (1,2)
	Sem 2	COMP90049 Introduction to Machine Learning (1,2)	MCEN90061 Mechatronics Systems Design (2)	ELEN90066 Embedded Sys Des (1,2)	ENGR90021 Critical Comm for Eng (1,2) OR ENGR90034 Creating Innovative Eng (1, 2) OR ENGR90039 Creating Innovative Professional (1,2)
Third 100 points	Sem 1	MCEN90037+38 Eng Capstone Project (1,2) (25pts)	Elective A,B OR (Man-Spec) MCEN90055 Manufacturing Processes & Tech. (1)	Elective A,B OR (Man-Spec) MCEN90058 Industrial Engineering (1)	Elective A,B
	Sem 2		Elective A,B OR (Man-Spec) MCEN90059 Probability, Reliability & Quality (2)	Elective A,B OR (Man-Spec) MCEN90057 Manufact. Automation and IT (2)	Elective A,B

# INDUSTRY EXPERIENCE



## Coursework components:

- Industry Internship (ENGR90033 – 25pt)
- Capstone Projects – industry sponsored

## Enterprise Fellow

- A/Prof Jo Staines ([jo.staines@unimelb.edu.au](mailto:jo.staines@unimelb.edu.au))

# ACADEMIA BEYOND MASTER OF ENGINEERING



## Research components:

- Capstone projects / Advanced subjects
- ENGR90041 Engineering Research Project Part 1 (1,2) - 25pt
- ENGR90042 Engineering Research Project Part 2 (1,2) - 25pt
- ENGR90043 MechEng Summer Research Project (S)

## Leading to Research Higher Degree

- (MPhil or PhD) research work

# ADDITIONAL COURSE RULES AND NOTES



**After you receive a course offer, you can apply to transfer any recognised prior learning credits by applying for Advanced Standing (Credit).**

## **Advanced Standing (Credit):**

- Students entering the course with advanced standing who plan on completing a specialisation may need to enrol in core specialisation subjects in their commencing semester. Please check and follow the structure outlined for your intended specialisation and seek course planning advice.

## **Progression:**

- The core subject lists are divided into specific year levels, reflecting the recommended order of completing the course. There is, however, some flexibility between Year 2 and 3 core subjects, depending on the requisites set between them. Check the individual Handbook entries of these subjects for more detail.



# ENGINEERING PRACTICE HURDLE



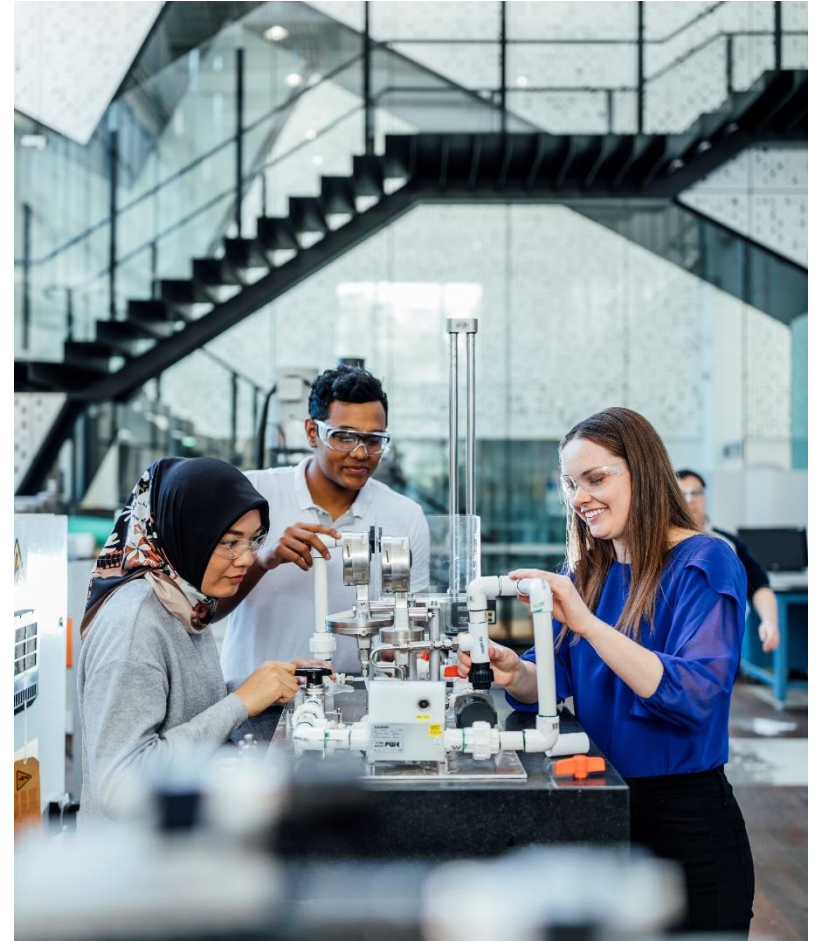
Engineering Practice Hurdle (EPH) is a **compulsory component** of the Master of Engineering degree which enables you to build your professional skills ahead of graduation.

## Options for completing the EPH:

- CHEN90028 Chemical Engineering Internship
- ENGR90033 Internship
- Not-for-Credit Internship
- Skills Towards Employment Program



URL: <https://go.unimelb.edu.au/68kr>



# MANAGING YOUR ENROLMENT ONLINE



When making changes to your Enrolment, refer to the table at right to determine what aspects you can change yourself, or when you will need to submit an Enrolment Assistance Form (EV Form).

## EAF's are most submitted for:

- » Changing a major/minor
- » Resolving an empty study plan
- » Enrol after the last self-enrol date

Access the Enrolment Assistance Form and more details [here](#).



URL: <https://go.unimelb.edu.au/fv8s>

	Self-manage via my.unimelb	Submit an EV form
<b>Drop a subject</b> Stop studying a particular subject by <u>withdrawing from a subject</u> .	✓	✗
<b>Enrol in a subject</b> Confirm what you will study by <u>enrolling in subjects</u> .	✓	✗
<b>Swap subjects</b> Replace one enrolled subject for another by <u>swapping subjects</u> .	✓	✗
<b>Leave of absence</b> Take a break from your course by applying for a <u>leave of absence</u> .	✓	✗
<b>Return from a leave of absence</b> Return from a break from your course by <u>enrolling in subjects</u> .	✓	✗
<b>Add a major or subject to my Study Plan</b> Before you can enrol in subjects you need to <u>add a major or subject</u> to your Study Plan.	✓	✗
<b>Waive a prerequisite</b> If you can take a subject without meeting its prerequisite, you will need to get approval and submit a <u>requisite waiver</u> .	✗	✓
<b>Move subjects on my Study Plan</b> If you would like to move a subject from one part of your study plan to another, e.g. from 'free points' to 'breadth'.	✗	✓





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# COURSE PLANNING RESOURCES

The following tools can be used to assist in your enrolment and throughout your course

Handbook

My Course  
Planner

Resources and  
Videos

# HANDBOOK



The Handbook is the official syllabus and search page for the University of Melbourne containing:

- A Handbook page for every course and subject
- Course structure and rules
- Subject prerequisites and entry requirements
- Subject timetable information
- *And a whole lot more!*



URL: [handbook.unimelb.edu.au](http://handbook.unimelb.edu.au)

Search specific degree or subject

Filter the result types to show Courses, Subjects or Breadth Track

Filter the right-hand side to filter out any irrelevant degrees and subjects.

Results will appear here

# MY COURSE PLANNER



**My Course Planner is an interactive web application that allows you to explore and design a program that's right for you. Accessing this tool will allow you to:**

- View subjects and specialisations available for your course, including elective subject options.
- Test what happens if you select a particular specialisation/subject before you enrol
- Get a visual course plan that you can print and share. Like below:

The screenshot displays the 'My Course Planner' interface for the 'Master of Mechatronics Engineering Select Specialisation'. At the top, there is a navigation bar with the University of Melbourne logo, the text 'My Course Planner', and a 'SAMPLE COURSE PLANS' button. Below this, the course title is shown with a 'Clear plan' button and a circular progress indicator indicating '17% Planned'. The main content area is divided into two semesters: Semester 1 and Semester 2. Each semester contains four compulsory subject cards. Semester 1 subjects include 'Intro. to Numerical Computation in C', 'Foundations of Electrical Networks', 'Engineering Mechanics', and 'Numerical Algorithms in Engineering'. Semester 2 subjects include 'Systems Modelling and Analysis', 'Programming and Software Development', 'Mechanical Systems Design', and 'Engineering Mathematics'. A 'PLAN CHECKLIST' is visible on the right side, listing items such as 'Course Point Rules', 'To obtain the degree (no specialisation) students must complete:', 'Note:', 'Progression', and 'Engineering Practice Hurdle Requirement'. The interface uses a clean, modern design with a dark blue header and light-colored content areas.



URL: <https://go.unimelb.edu.au/b781>

# WHO CAN USE MY COURSE PLANNER?



## My Course Planner is available to students admitted in the following degrees

Master of Biomedical Engineering

Master of Environmental Engineering

Master of Chemical Engineering

Master of Information Systems

Master of Civil Engineering

Master of Information Technology

Master of Computer Science

Master of Mechanical Engineering

Master of Digital Infrastructure Engineering

Master of Mechatronics Engineering

Master of Electrical Engineering

Master of Software Engineering

## My Course Planner is currently not available to students admitted into the following degrees

Master of Energy Systems

Master of Industrial Engineering

Master of Engineering Structures

Master of Engineering Management

Master of Environmental Systems Engineering



URL: <https://go.unimelb.edu.au/b78i>

# FACULTY COURSE PLANNING RESOURCES

The University also offers several Faculty and **Degree-specific resources** that can help you make critical decisions about your first-year enrolment.

- Information on study resources
- Enrolment and study plan guides
- Sample study plans
- Other key course information



URL: [go.unimelb.edu.au/j3ur](https://go.unimelb.edu.au/j3ur)

## Graduate courses



## Faculty resources

- Subject videos:
  - [ENGR90034 Creating Innovative Engineering](#)
  - [ENGR10006 Engineering Modelling and Design](#)
  - [ISYS90036 Enterprise Systems](#)
  - [COMP10001 Foundations of Computing](#)
  - [ENGR10004 Engineering Technology and Society](#)

## Course maps

- [Generic graduate degree \(PDF 195.0 KB\)](#)

## Diploma in Computing

## Faculty resources

- [Course information](#)

# ADDITIONAL RESOURCES



## Manage your course

All the information you need to complete your course admin, including planning, enrolment, timetabling, exams, results, graduation and more.

Visit the page at left more information about Course enrolment, planning your course, and other wider university resources.



### Course enrolment

Enrol for the start of your course, or re-enrol for a new year. You can also find out about transfers, taking a leave of absence, withdrawing or enrolment assistance.



### Planning your course and subjects

Understand your subject options, use planning resources and tools, and learn how to make changes to your course.



### Subject enrolment

All about subject enrolment, including prerequisites, quotas, intensives, census dates, swapping and enrolment assistance.



### Class timetable

A step-by-step guide to creating, reviewing and adjusting your class timetable.



### Fees and payments

Information about student fee types, HELP loans, and how to make payments.



### Exams, assessments and results

Find out about exam timetables, locations, results, special consideration and more.



### Graduation

Completing and conferring your degree, obtaining a certificate, and information about ceremony invitations and attendance.



### Key dates

Key dates to help you manage your studies and enrolment, including information about public holidays.



URL: <https://go.unimelb.edu.au/596i>



# KEY DATES AND TIMELINES

The following tools can be used to assist in your enrolment and throughout your course

Semester  
Timeline

Examinations

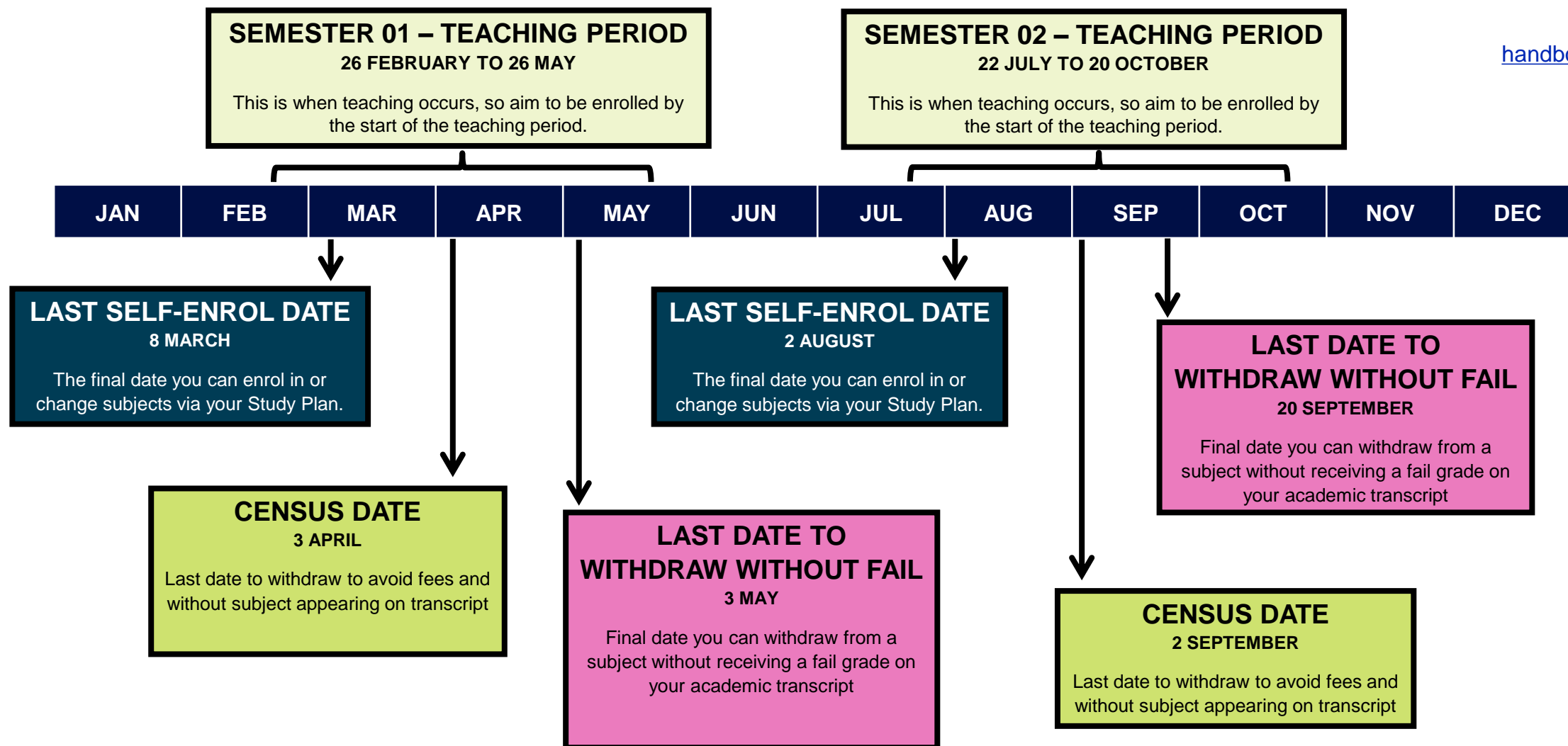
# KEY DATES, DEFINITIONS & TIMELINE

VISIT YOUR HANDBOOK FOR MORE DETAILS



URL:

[handbook.unimelb.edu.au](http://handbook.unimelb.edu.au)





# EXAMINATIONS



If your exam is taking place on-campus, you must be in Melbourne to sit your exams.  
You must sit your exams in the format they are offered.

## Semester 1, 2024

### Examinations:

3 June – 21 June 2024

### Final result release date:

5 July 2024

### Special/Supplementary Examinations:

11 July 2024 – 18 July 2024

## Semester 2, 2024

### Examinations:

28 October – 15 November 2024

### Final result release date:

29 November 2024

### Special/Supplementary Examinations:

5 December – 12 December 2024



URL: <https://go.unimelb.edu.au/6kqr>



# ACADEMIC INTEGRITY, MISC ONDUCT AND SPECIAL CONSIDERATION

The following tools can be used to assist in your enrolment and throughout your course

Academic  
Integrity

Academic  
Misconduct

Special  
Consideration

# ACADEMIC INTEGRITY



## MAINTAINING ACADEMIC INTEGRITY

The maintenance of academic integrity involves:

- High quality scholarly practices
- The use of reputable sources of information and;
- The full acknowledgement of the authors and creators of ideas and materials that have informed one's work.

## ACADEMIC MISCONDUCT

When the standards of academic integrity are not maintained:

- This can result in student academic misconduct

Types of Academic Misconducts
Plagiarism
Collusion
Purchasing, commissioning, selling or sharing essays or other assessment materials
Sharing University teaching materials with third-parties, including uploading lecture notes, slides or recordings to websites
Forgery or falsification of documents (such as transcripts or medical) to gain academic advantage or advancement
Copying or possession of unauthorised materials in examinations
Submitting work generated from Artificial Intelligence Software that is not correctly cited or where not permissible in a subject



<https://go.unimelb.edu.au/8nw6>

# ACADEMIC SKILLS SESSION

ATTEND THIS SESSION TO LEAN MORE INFORMATION ACADEMIC SKILLS & ACADEMIC INTEGRITY



## Getting Started at Engineering and IT

- **Date:** 20 February 2024, 11:30AM – 12:30PM
- **Location:** Sunderland Theatre, Level 2, Medical Building

Check your emails about orientation to find out more!

A new module called '**Graduate Cornerstones of Good Scholarship**' has been introduced and all new graduate coursework students will be enrolled into this.

This module is a great way for you to get an understanding of what's expected at the University of Melbourne, along with advice and links to support services.



<http://go.unimelb.edu.au/4dmi>

# SPECIAL CONSIDERATION



## Unforeseen Circumstances

If you find you are sick or unable to complete your work, you can apply for Special Consideration. Applications must be submitted within **4 days** after the examination or assessment due date and be supported by appropriate documentation.

## Potential 'Adjustments' may include:

- Extensions on due dates
- Special Exam arrangements
- Reweighting of assessments

Example circumstances	Example supporting documents
<ul style="list-style-type: none"><li>• Physical Illness</li><li>• Mental Illness</li><li>• Assault/theft or other victim of crime</li><li>• Bereavement (death)</li><li>• Urgent caring duties</li><li>• Other hardship or trauma</li></ul>	<ul style="list-style-type: none"><li>• Report from doctor or hospital</li><li>• Report from psychologist or counsellor</li><li>• Police report</li><li>• Documentation confirming relationship and death of person (e.g. death announcement or certificate)</li><li>• Relevant documentation confirming carer status and current issue.</li><li>• Anything official that you can supply is helpful.</li></ul>

# SPECIAL CONSIDERATION



## Ongoing or Episodic Circumstances

As a student, you may have ongoing or episodic circumstances that affect your academic performance.

These may include:

Example of circumstances	Example study adjustments
<ul style="list-style-type: none"><li>• Disability</li><li>• Chronic medical or mental health condition</li><li>• Carers</li><li>• Elite athlete or performers</li><li>• Defence reservists or emergency volunteers</li><li>• Cultural or religious observance</li></ul>	<ul style="list-style-type: none"><li>• Standing desk, or permission to walk around / stretch during examinations</li><li>• Flexible due dates</li><li>• Alternative exam arrangements</li><li>• Support, such as note-takers</li><li>• Specialist equipment/technology</li></ul>

You can register for ongoing assistance [here](#).

Any questions please email [equity-disability@unimelb.edu.au](mailto:equity-disability@unimelb.edu.au) or [Book an appointment](#).



URL: <https://go.unimelb.edu.au/2wur>

# OTHER RESOURCES, SERVICES, AND OPPORTUNITIES AT THE UNIVERSITY

The following tools can be used to assist in your enrolment and throughout your course

STOP1

What to do  
After  
Orientation

Progress your  
FEIT  
Experience

Student  
Resources

Scholarships &  
Prizes

# STOP 1



Students can contact Stop 1 for assistance for any of the below:

- Student Administration
- Course Planning
- Enrolment
- Timetable
- Fees and Scholarships
- Wellbeing and accommodation
- Student Visa
- Special Consideration
- Exams and Results
- Graduation
- Global Study and Exchange
- And more!

## How to contact Stop 1

**Location:** 757 Swanston Street, Parkville

### Opening Hours:

Monday to Wednesday: 9AM – 4:45PM

Thursday and Friday: 10AM – 4:45PM

Closed on Weekends and University Holidays

[Book an Appointment](#)

[Submit an Enquiry](#)



URL: <https://go.unimelb.edu.au/n8rj>





# WHAT TO DO AFTER ORIENTATION?



Visit the '**After Orientation**' Webpage to learn about your next steps.

**Here you will find:**

1. **Orientation Feedback Survey** – Tell us your thoughts about Orientation!
2. **Keep in touch** – learn about the Student Calendar & Newsletter!
3. **Find out more** – scholarships, resources, programs and opportunities to help you grow!



<https://go.unimelb.edu.au/raa8>

# SCHOLARSHIPS & PRIZES



The majority of scholarships are open in 3 rounds across the year.

Round 1 applications open Friday 1 March 2024

## Some Round 1 scholarships open to First Year Students:

- Dee & John Collier Scholarship
- Dr Hans Prem Scholarship
- Ian Alexander International Travel Scholarship
- Jack Wynhoven Scholarship
- Telstra Masters Scholarship

To check full eligibility, selection criteria and other scholarships available, please visit: <https://go.unimelb.edu.au/t8qe>

### Scholarships by Round

To view the scholarships offered in each round, please navigate to the pages below.

<b>Round 1, 2024</b> Applications open Friday 1 March - Tuesday 19 March <a href="#">View &gt;</a>	<b>Round 2, 2024</b> Applications open Friday 26 July - Tuesday 13 August <a href="#">View &gt;</a>	<b>Round 3, 2024</b> Applications open Friday 16 August - Tuesday 3 September <a href="#">View &gt;</a>
<b>Student Enrichment Grant, 2024</b> Scholarships under this category are open for application throughout the year and awarded to multiple recipients <a href="#">View &gt;</a>	<b>Other Scholarships, 2024</b> Offered at times outside of rounds 1, 2 & 3. <a href="#">View &gt;</a>	

# STUDY RESOURCES



STOP1 Student Services

Academic Skill Support

Health & Wellbeing

Calculator Policy

My Course Planner

Student ID Cards & Building Access

ENG & IT Express Newsletter



<https://go.unimelb.edu.au/ks2i>

# PROGRESS YOUR CAREER

<https://go.unimelb.edu.au/7z8e>



There are numerous opportunities, programs and events available to Engineering and IT students at the Faculty to participate in **outside the classroom**.

All the opportunities at the Faculty can be categorized under 5 different series types:



INDUSTRY SERIES



PROFESSIONAL SKILLS  
SERIES



TECHNICAL SKILLS  
SERIES



WELLBEING SERIES



INTERNATIONAL  
SKILLS SERIES

# PROGRESS YOUR CAREER

<https://go.unimelb.edu.au/7z8e>



## INDUSTRY SERIES

**Industry-based** events, programs, competitions, exhibitions and projects for Engineering and IT students.

By being involved, students can **connect with Industry** to better **understand and identify the skillset desired by employers**, thus clarifying their **understanding of future graduate and career pathways**.



## PROFESSIONAL SKILLS SERIES

Internships, programs, opportunities, events and resources for Engineering and IT students to build their **Professional Skills**.

Enhances our students' **employability skills**, broadens their **knowledge** and supports in the **exploration of career options** by hearing from **alumni, industry experts and academic mentors** who share their **valuable experience and career insights**.



## TECHNICAL SKILLS SERIES

Programs, resources, initiatives and events to help students further develop their **technical skills** necessary to **excel in their field of industry**.



## WELLBEING SERIES

Initiatives and events to foster a sense of **belonging, unity, and support** among students by **cultivating an inclusive cohort experience**.

Students gain a sense of **community and empowerment** that encourages the prioritization and nurturing of **mental, physical and spiritual wellbeing**, creating a **welcoming campus environment**.



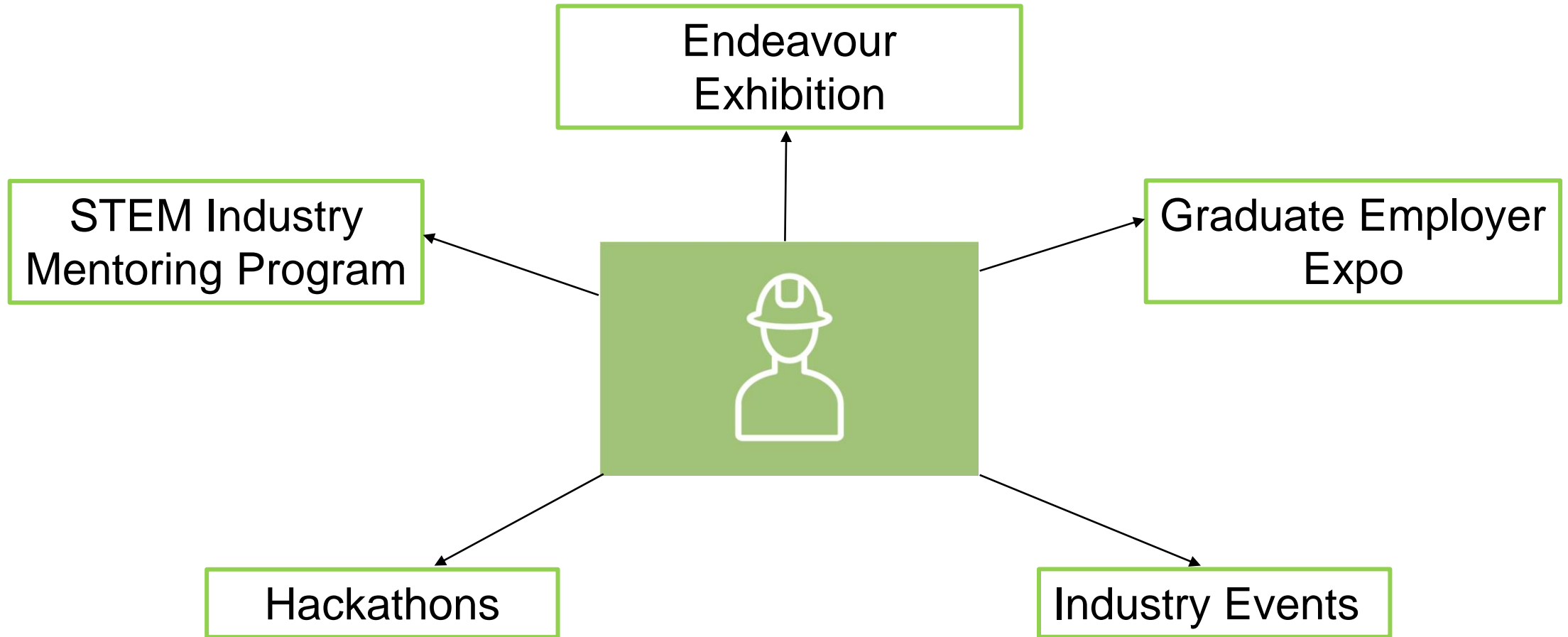
## INTERNATIONAL SKILLS SERIES

Events and programs for students looking to gain the **skills and networks** needed for **success** in the **global Engineering or IT job market**.

This series increases the **intercultural competencies** of our students and helps in gaining the **essential skills** needed to **succeed in a global graduate workplace**.

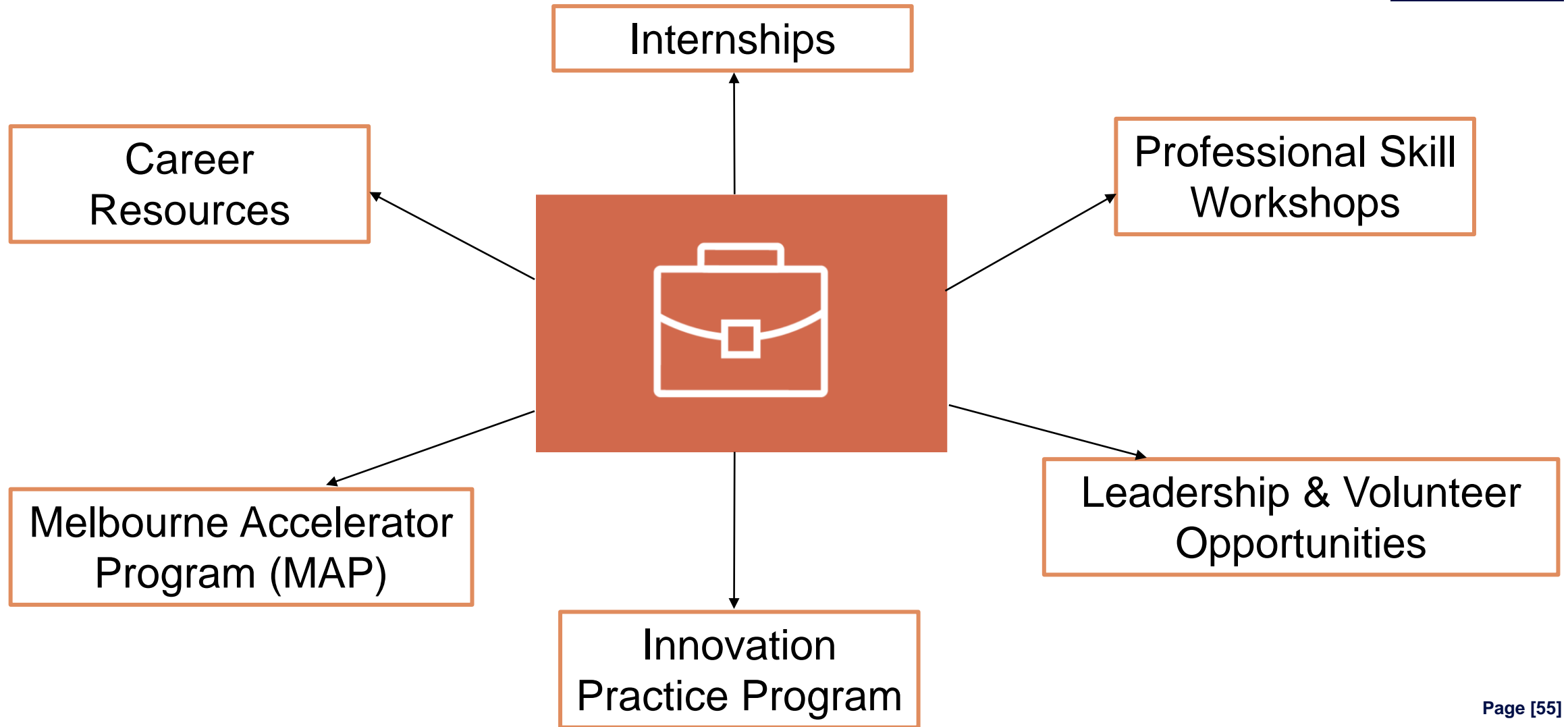
# INDUSTRY SERIES

WHAT CAN YOU PARTICIPATE IN TO BUILD YOUR KNOWLEDGE OF INDUSTRY?



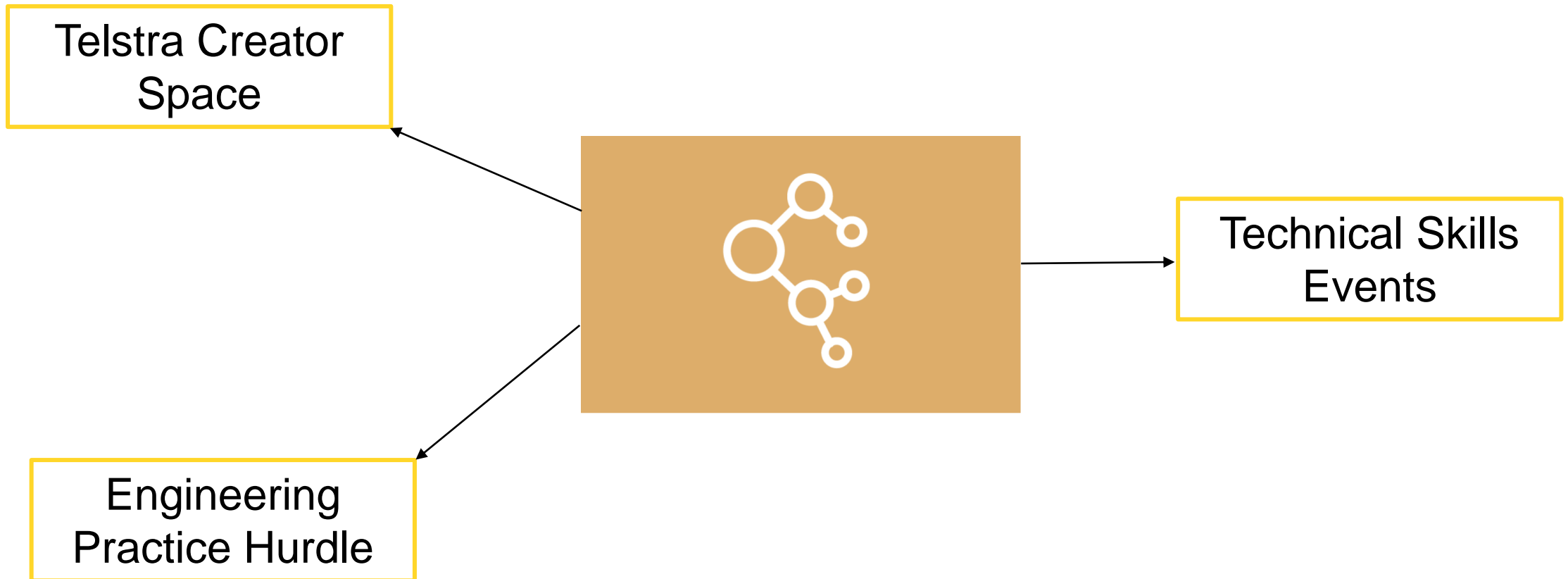
# PROFESSIONAL SKILLS SERIES

WHAT CAN YOU PARTICIPATE IN TO BUILD YOUR PROFESSIONAL SKILLSET?



# TECHNICAL SKILLS SERIES

WHAT CAN YOU PARTICIPATE IN TO BUILD YOUR TECHNICAL SKILLS?

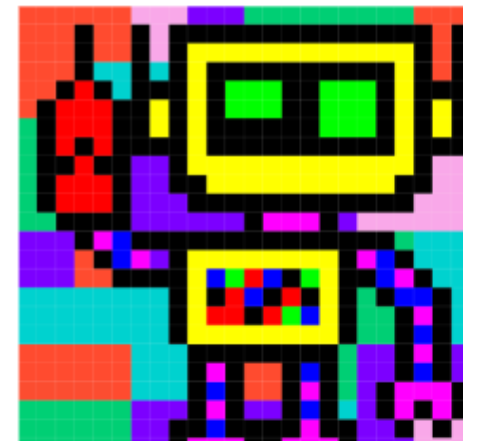
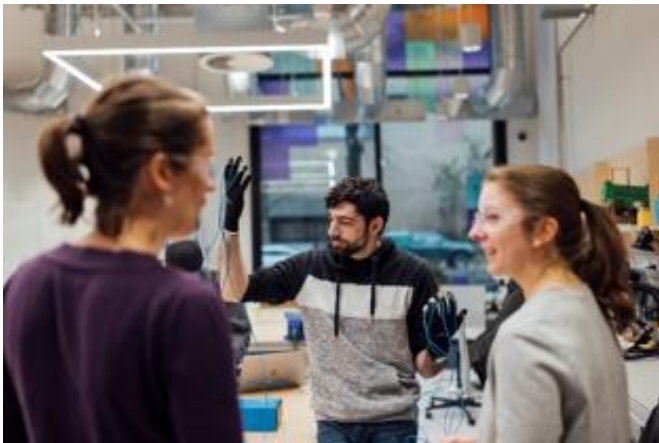




- Accessible fabrication lab located in Melbourne Connect, operated by the Faculty of Engineering and Information Technology
- Open to **all active students**, academics and staff at the University of Melbourne.
- Training courses available to **access Laser Cutters, Wood Shop, Metal Shop, Machining, Hand tools, Electronics, Soldering, 3D Printing**
- Industry professionals in the space** to train, support and guide you
- Many subjects** are slated to use Telstra Creator, is yours one of them? Start your registration from our website this week!
- What's on during O Week** - take a tour, attend training, check out the events calendar!

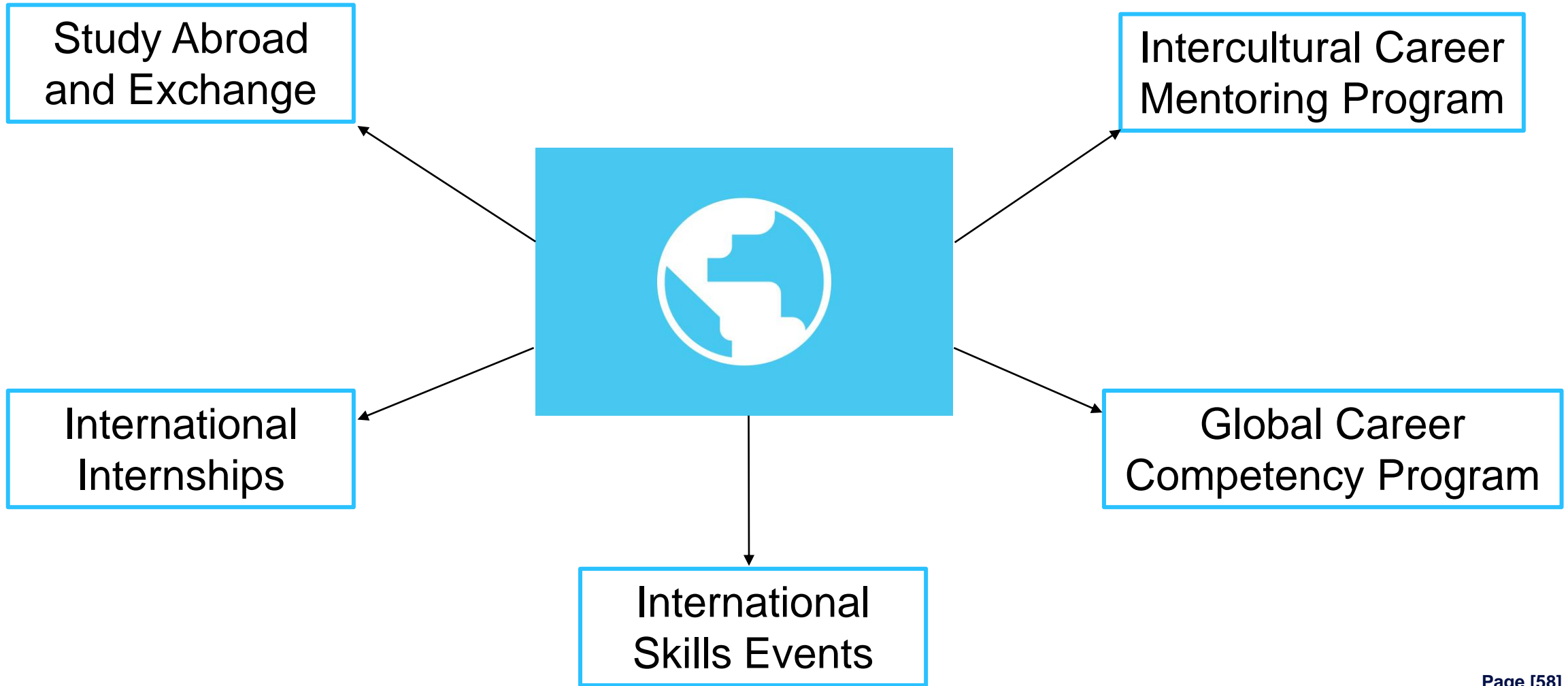
## Sample of Courses

CHEN20012 Fundamentals of Chemical Engineering  
ENG10004 Engineering Technology and Society  
ENGR2004 Engineering Mechanics  
INFO30005 Advanced Interface Prototyping  
MCEN30021 Mechanical Systems Design  
SCIE10005 Today's Science, Tomorrow's World  
BMEN90033 Bioinstrumentation  
INFO90008 & INFO90009 HCI Project  
INFO90055 Designing Novel Interactions  
MCEN90028 Robotics Systems  
MCEN90029 Advanced Solid Mechanics  
MCEN90054 Design and Manufacturing Practice  
MCEN90055 Manufacturing Processes and Technology



# INTERNATIONAL SKILLS SERIES

WHAT CAN YOU PARTICIPATE IN TO BUILD YOUR INTERNATIONAL SKILLS?



# EXCHANGE PROGRAM



- » Exchange: opportunity to go to another environment to learn.
- » Information: <http://mobility.unimelb.edu.au/>
- » Approach Exchange Coordinator:
  - Department Coordinator:  
Dr Tesfaye Molla  
[tesfaye.molla@unimelb.edu.au](mailto:tesfaye.molla@unimelb.edu.au)



# EXCHANGE PROGRAM

## Canada

Dalhousie University  
 HEC School of Management,  
 Montréal  
 Laval University  
 McGill University U  
 Queen's University  
 University of British  
 Columbia U A  
 University of New Brunswick  
 University of Toronto

**Argentina**  
 Pontifical Catholic University of Argentina

**Austria**  
 University of Music and Performing Arts, Graz  
 University of Music and Performing Arts, Vienna  
 University of Vienna

**Belgium**  
 Catholic University of Leuven  
 Catholic University of Louvain  
 Free University of Brussels (ULB)  
 Ghent University

**Brazil**  
 Insper, Institute of Education and Research  
 University of São Paulo

**Canada**  
 Dalhousie University  
 HEC School of Management, Montréal  
 Laval University  
 McGill University U  
 Queen's University  
 University of British Columbia U A  
 University of New Brunswick  
 University of Toronto

**Chile**  
 Pontifical Catholic University of Chile  
 University of Chile U A  
 Technical University of Federico Santa Maria

**China**  
 Chinese University of Hong Kong  
 Fudan University U A  
 Nanjing University A  
 Nankai University  
 Peking University A  
 Renmin University of China  
 Shanghai Jiao Tong University  
 Sun Yat-sen University  
 Tsinghua University A  
 University of Hong Kong U A  
 University of Nottingham Ningbo U  
 University of Science and Technology of China A  
 Zhejiang University

**Colombia**  
 University of the Andes

**Czech Republic**  
 Charles University

**Denmark**  
 Aalborg University  
 Aarhus University  
 Copenhagen Business School  
 University of Copenhagen

**Estonia**  
 University of Tartu

**Finland**  
 Sibelius Academy  
 University of Helsinki  
 University of Oulu

**France**  
 CentraleSupélec  
 ESCP Europe  
 Grenoble Alpes University  
 HEC School of Management, Paris  
 Institute of Political Studies, Paris (Sciences Po)  
 Jean Moulin University – Lyon III  
 Lumière University – Lyon II  
 Montaigne University of Bordeaux

**National College of Agronomy, Toulouse (ENSAT)**  
**National Veterinary College of Toulouse (ENVT)**  
**Panthéon-Sorbonne University – Paris I**  
**Panthéon-Assas University – Paris II**  
**Paris Diderot University – Paris 7**  
 University of Bordeaux

**Germany**  
 Academy of Fine Arts, Mainz  
 Albert Ludwigs University of Freiburg  
 Free University of Berlin  
 Humboldt University of Berlin  
 Ludwig Maximilian University of Munich  
 Rupert Charles University of Heidelberg  
 Technical University of Berlin  
 Technical University of Munich  
 University of Münster  
 University of Stuttgart

**Iceland**  
 University of Iceland

**India**  
 Indian Institute of Management, Ahmedabad

**Indonesia**  
 Australian Consortium for 'In-Country' Indonesian Studies (ACICIS)

**Ireland**  
 Trinity College Dublin  
 University College, Dublin U

**Israel**  
 Technion – Israel Institute of Technology  
 The Hebrew University of Jerusalem

**Italy**  
 Bocconi University  
 Ca' Foscari University of Venice  
 Sapienza University of Rome  
 University of Bologna  
 University of Catania  
 University of Siena  
 University of Trento  
 University of Trieste

**Japan**  
 Doshisha University  
 Gakushuin Women's College  
 Hitotsubashi University  
 Hokkaido University  
 Kanazawa Institute of Technology ①  
 Keio University A  
 Kyoto University A  
 National Institute for Materials Science  
 Ritsumeikan University  
 Sophia University  
 Tohoku University  
 Tokyo Institute of Technology  
 Tokyo University of Foreign Studies  
 Tokyo University of the Arts  
 University of Tokyo  
 Waseda University U A

**Latvia**  
 University of Latvia

**Lithuania**  
 Vilnius University

**Malaysia**  
 University of Malaya A

**Malta**  
 University of Malta

**Mexico**  
 Institute of Technology and Higher Education of Monterrey – Tec de Monterrey U A  
 - Ciudad de México  
 - México City  
 - México State  
 - Guadalajara  
 - Monterrey  
 - Puebla  
 - Querétaro  
 - Santa Fe  
 University of Guadalajara

**The Netherlands**  
 Amsterdam University College  
 Delft University of Technology  
 Erasmus University of Rotterdam  
 Leiden University  
 Tilburg University  
 University of Amsterdam U  
 University of Twente  
 University of Utrecht ①  
 Wageningen University and Research Centre

**New Zealand**  
 University of Auckland U A

**Norway**  
 NHH – Norwegian School of Economics  
 University of Oslo

**Poland**  
 Jagiellonian University

**Russia**  
 Lomonosov Moscow State University  
 Novosibirsk

**Singapore**  
 Nanyang Technological University  
 National University of Singapore U A

**South Africa**  
 University of Cape Town

**South Korea**  
 Korea Advanced Institute of Science and Technology (KAIST)  
 Korea University U A  
 Pohang University of Science and Technology (POSTECH)  
 Seoul National University A

**Spain**  
 Autonomous University of Barcelona  
 Autonomous University of Madrid  
 ESADE, Ramon Llull University  
 IE Business School  
 University of Barcelona  
 University of Granada  
 University of Salamanca

**Sweden**  
 Lund University U  
 Malmö University  
 Royal Institute of Technology (KTH)  
 Swedish University of Agricultural Science (SLU)  
 Uppsala University

**Switzerland**  
 Swiss Federal Institute of Technology (ETH) Zurich  
 University of Geneva

**Taiwan**  
 National University of Taiwan A

**Thailand**  
 Chulalongkorn University A  
 Kasetsart University

**Turkey**  
 Boğaziçi University

**United Kingdom**  
 Durham University  
 Glasgow School of Art  
 Goldsmiths' College, University of London ①  
 Heriot-Watt University  
 Imperial College London  
 King's College London  
 London School of Economics and Political Science  
 Queen Mary, University of London  
 Royal Conservatoire of Scotland  
 Royal Holloway, University of London  
 Royal Northern College of Music  
 University College London  
 University of Birmingham U  
 University of Bristol  
 University of East Anglia  
 University of Edinburgh U  
 University of Glasgow U  
 University of Manchester  
 University of Nottingham U  
 University of St Andrews

**United States of America**  
 Barnard College, Columbia University  
 Boston College  
 Carnegie Mellon University  
 Chicago College of Performing Arts  
 Georgetown University  
 George Washington University  
 Haverford College  
 Massachusetts College of Art and Design  
 New York University  
 Occidental College  
 Pennsylvania State University  
 Rutgers, The State University of New Jersey  
 Thomas Jefferson University ①  
 University of California  
 - Berkeley A  
 - Davis A  
 - Irvine A  
 - Los Angeles A  
 - Merced  
 - Riverside  
 - San Diego A  
 - Santa Barbara A  
 - Santa Cruz  
 University of Connecticut U  
 University of Florida  
 University of Illinois at Urbana-Champaign  
 University of Maryland  
 University of Michigan  
 University of Minnesota  
 University of North Carolina at Chapel Hill  
 University of Pennsylvania  
 University of Richmond  
 University of Southern California A  
 University of Texas at Austin  
 University of Virginia U  
 University of Washington A  
 Vanderbilt University  
 Washington University in St Louis

U Universitas 21 partner  
 A Association of Pacific Rim Universities partner  
 ① These agreements are restricted to graduate research exchange.



# WELLBEING SERIES

WHAT CAN YOU PARTICIPATE IN TO CONNECT WITH YOUR STUDENT COMMUNITY?



# STUDENT CLUBS AND SOCIETIES



- » Group projects are common
  - » Choose group wisely: expertise?
  - » Break out of your comfort-zone
- 
- » Socialise through Student Groups, Activities
  - » Explore extracurricular activities for your career



# STUDENT CLUBS AND SOCIETIES



- » Mechanical Student Assoc (MESS)
- » Mechatronics Society
- » Aerospace and Rocket Engineering Society (ARES)



# IN CONCLUSION

What's Next?

Feedback  
Survey

Questions?



# OPPORTUNITY TO WIN MERCHANDISE!



Win University of Melbourne merchandise by telling us what you thought about Orientation!



Simply click the survey below to submit your answers and go into a draw to win!



OR <https://go.unimelb.edu.au/2tqs>

# QUESTIONS



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