



Careers and Pathways

Every student will learn, achieve and succeed.



Levinia

levinia.olsen@education.vic.gov.au

Phone: 0417 441 604



Dimity

dimity.russell@education.vic.gov.au

Phone: 0427 506 706

Please get in touch with us for any career information, support and guidance as you navigate your way through the year ahead. **HAPPY HOLIDAYS!!**

Could year 12 VCE students please make an appointment with Levinia or Dimity if you haven't done so already.

Contact us by email or phone or book a one-on-one appointment.

In this issue:

- Positions vacant
- I'm in year 12 - How do I apply to university?
- Monash Indigenous Winter Camp
- **Career Profiles** – choose from hundreds of jobs and find out what they are about
- **What is Engineering?**
- Swinburne University Early Entry program
- **Upcoming Virtual Events From:**
- University of Melbourne, Collarts, ACU, Federation University, RMIT, AIT, Monash University
- ACU – **Free unit 3 revision lectures**
- University Open Days

Positions Vacant

Red Rooster Sale, is currently recruiting staff members. They are looking for back of house kitchen staff, as well as some front of house cashiers to work after school. They are also looking for daytime staff members if there are any students looking to leave school and transition into work or graduate school leavers also looking for job opportunities.

You can apply in-store with your resume and speak to any member of the management team or apply online —

<https://redspace.worldmanager.com/careers/position.php?id=3540&back=index>

Applying for tertiary education as a current Year 12 student

If you are a current Australian Year 12 student, planning to apply for courses at Victorian universities, and for some courses at Victorian TAFEs and independent tertiary colleges, you apply through VTAC.

These links provide an overview of the course research and application process and leads you to key information on this website, including:

[VTAC's role](#)

[Research courses](#)

[Am I eligible to apply through VTAC?](#)

[Apply for courses through VTAC](#)

[Consider applying for special consideration \(SEAS\)](#)

[Apply for scholarships](#)

[Changed your mind?](#)

[Get your results](#)

[Course offers](#)

A good resource for course options is the VTAC website. Google VTAC and navigate to the home page. From there click on CourseSearch (archived courses). Once you are in you can use the search bar and type in your interest (this could be education, nursing, criminal justice or law etc). This will bring up universities and their degrees you may be interested in. If you click on, say, nursing at Deakin University it will give you a lot of information about the course - pre-requisites, ATAR, major studies, pathways etc. You can do the same for any listing and it is good to learn what each university offers. You can try typing different options in the search bar to see what comes up. You will find that ATAR's differ from one University to the next so it is good to do research on what each offers. It is also good to learn what pathways are offered if you aren't successful in getting in. Because you are a county kid and come from an underrepresented school, most universities will give you special consideration (called SEAS) and this could bump you ATAR up 5-10 points, depending on the university. There are lots of options out there, it's just a matter of starting your investigation.

Please keep in contact with Dimity or Levinia and let us know how your investigation is going or ask any questions you may have. We can give you guidance and support to assist with making a successful transition from school to further education or work.

Monash Indigenous Winter Camp

Winter camp

The countdown is on to Virtual Indigenous Winter Camp 2020! Register your [expression of interest](#).

The 2020 Winter Camp aims to provide Aboriginal and/or Torres Strait Islander students from Year 10–12 with an in-depth insight into university life, while focusing on team-building, motivation, meeting new people, culture, confidence building and health and well-being.

During the camp, students have the opportunity to experience the following:

- Stories, advice and mentoring from our current students
- Cultural activities
- Speeches from community leaders and other inspiring people
- Careers and course advice
- Student support advice
- Hands-on activities
- Question and answer panel with staff and students

Please note that students must be 16 years old at the time of the camp.



[For more information on the Indigenous Winter Camp, contact:](#)

Allira Jones

Indigenous Student Recruitment Coordinator

William Cooper Institute

E: allira.jones@monash.edu

Jobs and careers

Career profiles

Find out about different careers from the mouths of those who've 'been there, done that'.

Applying for a job

Resume writing tips, downloadable templates & advice about what employers want.

How to find a job

This section has heaps of information, tips and links to help you find a job.

Volunteering and work experience

How to find a place to do work experience or volunteer work and how to get the most out of it.

Plan your career

Information to help you plan and develop your career and to put that plan into action.

Job interviews

Tips and advice on how to prepare for interviews.

Starting your own business

Tips, links, information and practical advice to help you research your ideas and get your business up and running.

Featured career profile

Web programmer

What is Engineering | Types of Engineering



<https://www.youtube.com/watch?v=bipTWWHya8A>

Engineering is the application of science and math to solve problems. Engineers figure out how things work and find practical uses for scientific discoveries. Scientists and inventors often get the credit for innovations that advance the human condition, but it is engineers who are instrumental in making those innovations available to the world.

Engineering is one of the cornerstones of [STEM education](#), an interdisciplinary curriculum designed to motivate students to learn about science, technology, engineering and mathematics.

What does an engineer do?

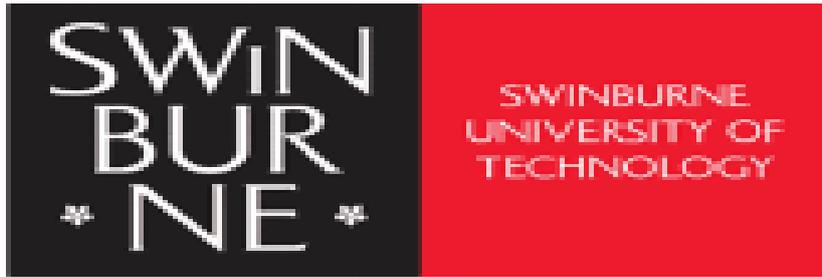
Engineers design, evaluate, develop, test, modify, install, inspect and maintain a wide variety of products and systems. They also recommend and specify materials and processes, supervise manufacturing and construction, conduct failure analysis, provide consulting services and teach engineering courses in colleges and universities.

The field of engineering is divided into a large number of specialty areas:

- **Mechanical engineering** involves design, manufacturing, inspection and maintenance of machinery, equipment and components as well as control systems and instruments for monitoring their status and performance. This includes vehicles, construction and farm machinery, industrial installations and a wide variety of tools and devices.
- **Electrical engineering** involves design, testing, manufacturing, construction, control, monitoring and inspection of electrical and electronic devices, machinery and

systems. These systems vary in scale from microscopic circuits to national power generation and transmission systems.

- - **Civil engineering** involves design, construction, maintenance and inspection of large infrastructure projects such as highways, railroads, bridges, tunnels, dams and airports.
 -
 - **Aerospace engineering** involves design, manufacturing and testing of aircraft and spacecraft as well as parts and components such as airframes, power plants, control and guidance systems, electrical and electronic systems, and communication and navigation systems.
 -
 - **Nuclear engineering** involves design, manufacturing, construction, operation and testing of equipment, systems and processes involving the production, control and detection of nuclear radiation. These systems include particle accelerators and nuclear reactors for electric power plants and ships, radioisotope production and research. Nuclear engineering also includes monitoring and protecting humans from the potentially harmful effects of radiation.
 -
 - **Structural engineering** involves design, construction and inspection of load-bearing structures such large commercial buildings, bridges and industrial infrastructure.
 -
 - **Biomedical engineering** is the practice of designing systems, equipment and devices for use in the practice of medicine. It also involves working closely with medical practitioners, including doctors, nurses, technicians, therapists and researchers, in order to determine, understand and meet their requirements for systems, equipment and devices.
 -
 - **Chemical engineering** is the practice of designing equipment, systems and processes for refining raw materials and for mixing, compounding and processing chemicals to make valuable products.
 -
 - **Computer engineering** is the practice of designing computer hardware components, computer systems, networks and computer software.
 -
 - **Industrial engineering** is the practice of designing and optimizing facilities, equipment, systems and processes for manufacturing, material processing, and any number of other work environments.
 -
 - **Environmental engineering** is the practice of preventing, reducing and eliminating sources of pollution that affect air, water and land. It also involves detecting and measuring pollution levels, determining sources of pollution, cleaning up and rehabilitating polluted sites and ensuring compliance with local, state and federal regulations.
-



2021 Early Entry Program

A different way to enter uni that won't depend on your ATAR. For Semester 1, 2021 only.

For a while now, we've had options for every ATAR. We're now taking it a step further, by adding an option that removes ATARs from the equation.

It's been a tough year (tougher for some than others). And so, to restore balance in the universe, we're making early conditional offers (as early as August!) based on a recommendation from your school. This isn't an easy way out, it's a determined person's way forward.

You'll still need to complete Year 12 and achieve specific subject study scores to receive a full offer, but you won't have to sweat the ATAR you end up with.

Be the first to know when applications open. Sign up for updates.

What courses are included in the 2021 Early Entry Program and what are their VTAC codes?

I've signed up to receive updates on your 2021 Early Entry Program. What should I do next?

When will I find out whether I have an early conditional offer?

Who should I approach for my school recommendation?

After submitting my application to Swinburne, do I still have to preference my 2021 Early Entry Program course/s in VTAC?

Should I still preference the ATAR-entry version of my chosen course/s in VTAC?



Want to improve your VCE results? Need help revising? Are you looking for study tips?

WHAT

One-hour online revision workshops covering Unit 3 content delivered by highly respected presenters with in- depth content knowledge.

All presentations will enable students to ask questions regarding course- work, changes to subject outlines and tips for exam preparation moving into Unit 4.

FREE ONLINE EVENT

These workshops are available to eligible schools through ACU's Widening Participation initiative.

WHEN

English

Tuesday 30 June - 10.30am

Maths Methods

Wednesday 1 July - 10.30am

Further Maths

Wednesday 1 July - 1pm

English as Additional Language

Thursday 2 July - 10.30am

If you have any additional questions, please contact wp.vic@acu.edu.au

To register, visit acu.edu.au/y12workshops

Upcoming virtual events

The University of Melbourne recently ran a series of webinars for prospective students. If you missed the previous information sessions for the course areas below, you can watch recordings on:

- Agriculture and Food Science
- Health
- Law
- Architecture, Building, Planning and Design
- Science
- Engineering
- Visual and Performing Arts
- Music
- Education
- Veterinary Medicine
- Commerce
- IT and Computer Science

You can watch the webinars by visiting, <http://bit.ly/2TJWmxa>

Collarts – Webinar series

Australian College of the Arts (Collarts) is running the following online webinars for prospective students:

June

- 29 Interior Design
- 30 Fashion and Sustainability
- 30 Fashion Marketing

July

- 1 Animation and VFX
- 1 Digital and Social Media
- 7 Dramatic Arts (Comedy)
- 7 Screen and Media
- 8 Music Performance
- 8 Music Production
- 9 Audio Engineering
- 10 Entertainment Management
- 10 Entertainment Journalism

Information and RSVP: <https://bit.ly/2KBApv2>

Australian Catholic University is running the following online sessions for prospective students:

July

2 Talk with exercise scientists and physiotherapists

Information and RSVP: <https://bit.ly/2XwbkYr>

Federation University is running the following online information sessions for prospective students:

Discover Engineering

Nursing

International Sports management

Information and RSVP: <https://bit.ly/2WfWfLo>

Access recordings of previous webinars on careers, pathways, scholarships and visual arts to name a few topics at, <https://bit.ly/3bKOlsq>

RMIT University is running the following online sessions for prospective students:

June

30 Flight Training and Aviation

July

2 Science

9 Computer Science and Information Technology

16 Fashion

23 Health and Biomedical Sciences

28 Education and Social Sciences

30 Building and Construction

Information and RSVP: <https://bit.ly/2M0UGeg>

Academy of Information Technology (AIT) – Virtual Open Day

Campuses are located in Melbourne and Sydney. The institute offers diploma and degree courses in:

Mobile App Design

Games Programming

Game Design

Information Technology

Interactive Media

Film
2D Animation
3D Design
Digital Design
Interior Design

The institute is running a virtual open day for prospective families.

Date: Wednesday 10 June, 5:00 pm to 7:00 pm

Information and RSVP: <https://bit.ly/2We7WIK>

Wildlife Conservation

Passionate about wildlife conservation? You may like to explore the following courses as examples of what you can study at university:

La Trobe University, Bachelor of Science (Wildlife and Conservation Biology), <http://bit.ly/242qe30>

Deakin University, Bachelor of Environmental Science (Wildlife and Conservation Biology), <http://bit.ly/2dzOt9e>

MONASH INFORMATION EVENINGS – WEBINARS

[Monash Information Evenings](#) are the perfect opportunity to have your questions answered on everything you wanted to know about undergraduate study at Monash.

These events will now be run as webinars until the end of August.

Register to attend a date that's convenient for you to hear about:

- Monash courses
- How to apply and access schemes
- Student life
- Accommodation options

[Find out more](#)

Open Days

This year the majority of TAFE and higher education institutes will run their open days online. The following are universities that have released their open day dates:

La Trobe University

Melbourne, **Sunday 2 August**

Regional campuses, **Sunday 23 August**

Register, <http://bit.ly/3chXyPA>

RMIT University

Saturday 8 and Sunday 9 August

Register, <https://bit.ly/2UIPlwV>

Victoria University and Victoria Polytechnic

Saturday 15 August

Register, <https://bit.ly/3ddCGIV>

Deakin University

Sunday 16 August

Register, <http://bit.ly/2vebl3X>

The University of Melbourne

Sunday 16 August

Register, <http://bit.ly/39l2xaJ>

Australian National University

Saturday 22 August

Register, <https://bit.ly/30M7i5j>

Federation University

Sunday 16th August

Register, <https://federation.edu.au/openday>