



Issue No. 2

Friday 23 February 2024

Welcome to this edition of the Careers Newsletter. I look forward to another great year of supporting the students in their journey of career exploration and making important decisions regarding post-secondary options. I am available all week and am more than happy to assist students and parents. I can be contacted via email on helen.madden@pvcc.vic.edu.au to make an appointment.

Don't forget also to check out our PVCC Careers website for important information for students and parents. You can find our site at: <https://careers.pvcc.vic.edu.au>

Items in the *Career News* include –

- **Dates to Diarise in Term 1**
- **Information on the UCAT (University Clinical Aptitude Test)**
- **ACU – APAC accredited Psychology degrees**
- **Event Management courses in Victoria**
- **What does an Australian Signals Directorate do?**
- **Information on the ANU Tuckwell Scholarship**
- **What does a Radiation Therapist do?**
- **Deakin Uni – Bachelor of Artificial Intelligence**
- **Music Production courses in Victoria**
- **Information on Land Surveying careers.**



Dates to Diarise in Term 1

- **Year 10 – Students to finalise Work Experience placements – End of Term 1.**
- **Victorian Careers and Employment Expo – 14 to 16 March 2024**

UCAT

University Clinical Aptitude Test

The **University Clinical Aptitude Test (UCAT)** is an admissions test used by the UCAT ANZ Consortium of universities in Australia and New Zealand for their ***medical, dental, and clinical science*** degree programs. Universities requiring the UCAT are listed at this link - [Universities requiring the UCAT](#) but also listed below. Students intending to apply for courses requiring the UCAT at any of these universities are reminded that they will need to **book a test**.

Bookings will open on **5 March 2024** and close **17 May 2024**. **The testing dates will be from 1 July 2024 to 9 August 2024.**

Students who are preparing for entry into any of these courses are encouraged to familiarise themselves with the **format of the test** at [UCAT Test Format](#) and the **practice tests and preparation material** provided at [UCAT Preparation](#).

Institutions that will require the UCAT are:

The University of Adelaide	Medicine, Dental Surgery, Oral Health
Central Queensland University	Medical Science (Regional Medical Pathway provisional entry to UQ)
Charles Sturt University	Dental Science, Medicine (Joint Program in Medicine)
Curtin University	Medicine
Flinders University	Clinical Sciences / Medicine
Griffith University	Dental Health Science
Monash University	Medicine
University of Newcastle / University of New England	Joint Medical Program
The University of New South Wales	Medicine
The University of Queensland	Medicine (provisional entry), Dental Science
University of Tasmania	Medicine
The University of Western Australia	Medicine (Direct Pathway), Dental Medicine (Direct Pathway)
Western Sydney University	Medicine (Joint Program in Medicine)
The University of Auckland (NZ)	Medicine
University of Otago NZ	Medicine

Find out more at [UCAT](#).



Medical Work Experience Overseas for High School Students

Projects Abroad has spent over 30 years helping our participants fulfill their potential and make the world a better place.

Projects Abroad offers a range of [Medical Work Experience](#) programs for high school students, and a number of the destinations are overseas. These overseas medical programs

might be of interest to students keen to pursue studies and careers in medicine and healthcare.

These programs are designed for students in Years 10, 11, and 12 and run in the mid-year break and over the summer holiday. They are ideal for individuals or groups of friends. Projects Abroad has been running these programs for over 15 years. They are very popular with students from across Australia, New Zealand, Europe, and North America.

Projects Abroad will be running a *free* webinar that interested students and their parents might like to participate in.

Date: Tuesday 27 February 2024

Time: 6.30pm

Register at [Projects Abroad Medical Work Experience](#).



Growing Demand for Gaming Qualifications

A growing number of students are turning their gaming hobby into a promising career in the thriving digital game development industry. The demand for game design and development qualifications is surging and starting salaries for junior developers range from \$60,000 per year to experienced professionals earning over \$115,000.

Holmesglen Institute offers three course options in game design and development.

- [ICT40120 Certificate IV in Information Technology \(Gaming Development\)](#)
- [ICT50220 Diploma of Information Technology \(Game Art and Design\) with Diploma of Information Technology \(Game Programming\)](#)

What is a Paralegal?

A paralegal is an individual, qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency, or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. In other words, a paralegal works in the legal industry but is not a lawyer.



What is a Market Influencer?

According to the [Influencer Marketing Hub](#) website, Influencer Marketing is now a mainstream form of online marketing.

Influencers, unlike celebrities, can be anywhere. They can be anyone. What makes them influential is their large followings on the web and social media.

So, a brand will work with a Market Influencer to market or promote one of its products or services. The Market Influencer will have a large following of subscribers and will improve recognition of the brand. They are the go-to people who provide the answers to people's questions about the brand they are promoting.

The Market Influencer is paid by the brand they are promoting.

The link above provides very interesting reading.



Courses to get you Career-Ready

➤ **Bachelor of Business**

VU offers the flexible [Bachelor of Business](#) which provides students with a choice of 12 majors, ranging from accounting to tourism and hospitality management. Students experience hands-on, exciting industry placements whilst having the opportunity to study at VU's vibrant City Campus.

➤ **Bachelor of Applied Movement Sciences/Master of Physiotherapy**

The 4.5 year [Bachelor of Applied Movement Sciences/Master of Physiotherapy](#) is taught at the world-class sport and learning precinct at VU's Footscray Park Campus, featuring advanced exercise technology. Students have a practical learning advantage being taught by experts in movement and physiotherapy, with the courses designed to fully prepare students for work. The Master of Physiotherapy is accredited by the Australian Physiotherapy Council. Successful graduates are eligible for membership of the Physiotherapy Board of Australia enabling them to practise in Australia.



APAC-accredited Psychology double degrees at ACU

ACU offers two [Australian Psychology Accreditation Council \(APAC\)](#)-accredited psychology double degrees.

In the [Bachelor of Psychological Science/Bachelor of Criminology and Criminal Justice](#), students will come to understand the complex causes and impact of crime.

Bachelor of Criminology and Criminal Justice explores the causes of antisocial behaviour and develops the knowledge and expertise graduates need to make a valuable contribution in the criminal justice sector.

The Psychology program helps students to acquire knowledge, assimilate theories and concepts and develop applicable skills that are valuable to the enhancement of human functioning in a broad range of professional settings.

Together, this combined program provides students with the knowledge of both the legal

system and knowledge of the human behaviour, providing ACU graduates of this course with a competitive edge in the justice sector.

In the [Bachelor of Psychological Science/Bachelor of Nutrition Science](#) students will gain insights into the motivations for eating behaviours, how habits are formed and ways to increase behavioural change through the Nutrition Science course whilst, at the same time, understand human functioning in a broad range of professional settings.

Combining the Bachelor of Psychological Science and the Bachelor of Nutrition Science allows for greater insights into both disciplines and, thus, benefits the graduates of the course. For instance, knowledge gained from the Bachelor of Nutrition Science can be applied by clinical psychologists working with eating disordered populations for better treatment outcomes. Or, health psychologists working with chronically ill populations, such as with people with heart disease or Type 2 diabetes, will benefit from knowledge in the area of nutrition science.



Engineers Australia

Engineering design is involved in almost every item we use each day, from our toothbrushes through to the vehicles we drive, the computers we use, the buildings we work in, the medicines we take and the healthcare we experience. Engineering is a broad and exciting field with a diverse range of career paths following graduation. We encourage students of all ages to consider and pursue a career in STEM and engineering.

Engineers Australia is the trusted voice of the engineering profession, which is committed to creating solutions to make the world a better place.

When students are doing their research about studying engineering at university, it is useful to pay attention to which courses are [accredited by Engineers Australia](#).

Completing an accredited course means that graduates of that course are eligible for to become [members of Engineers Australia](#).

Students might wish to watch this useful YouTube clip from the University of Newcastle on *what engineering is* - [What is Engineering?](#)



Snapshot of Swinburne University in 2024

- Swinburne is student-focused and aims at students being engaged in their learning; be exposed to innovative teaching and given thorough preparation for the workforce.

- Swinburne ranks in the top 50 universities in the world under 50 years old - [Rankings and Ratings](#).
- Swinburne has been recognised as having one of the best design schools in the world by the QS World Rankings of Universities by Subject. The university was listed in the top 100 for the Art and Design subject area – browse above rankings link.
- Swinburne regularly receives a 5-star ranking for student satisfaction – details are at the rankings link.
- Swinburne offers world-class higher education in health, arts, design, business, law, science, engineering, and technology - [Schools and Departments](#).
- Swinburne is a university that makes Work Integrated Learning (also sometimes referred to as Industry Linked Projects) a major assessment component for students and is guaranteed in all bachelor degrees - [Work Integrated Learning](#).
- Swinburne aims at producing job-ready students and Industry Based Learning (IBL) is offered to all eligible undergraduate students in the form of 6-12 month [Professional Placements](#) with industry partners with a long history of collaboration with Swinburne.
- Swinburne is the only Australian university with guaranteed access to the world's largest and most productive optical/infra-red telescopes — the twin Keck Observatory telescopes located near the summit of Mauna Kea, Hawaii [W.M. Keck Observatory and Parkes Radio Telescope](#).
- Swinburne has a campus in Malaysia with many of the courses offered in Australia offered there – many Australian students choose to study a semester or more at the campus in Malaysia - [Sarawak Campus, Malaysia](#).
- Swinburne has partnerships with over 100 overseas institutions across more than 20 countries, allowing for Australian students to go for a semester abroad, or complete part of their studies at one of these institutions - [Student Exchange Program](#).
- Swinburne offers a number of study tours and a great number of those are specific to students studying business - [Overseas Study Tours](#).
- Swinburne also has an [Emerging Leaders Program](#), whereby students identify skills they have developed during their time at university and learn how to translate these experiences into skills that employers are looking for.
- Swinburne offers an Aviation degree and part of the training in this course includes access to a [Flight Simulator Laboratory](#) with aviation simulators to immerse trainee and experienced pilots in challenging flight scenarios whilst monitoring every aspect of their performance with cutting edge measurement tools. The results allow them to predict how new cockpit technologies and procedures will work in the real world.
Swinburne offers a bachelor degree designed specifically to train students as a commercial pilot - [Aviation](#). Swinburne has partnered with Qantas to offer a new pilot pathway program that qualifies Swinburne's flight crew of the future to fly with QantasLink, the airline's regional brand.
- Swinburne has one of the largest university Psychology Clinics in Australia, not only offering low-cost counselling, psychological assessment, and group therapy treatment, but also quality teaching and research - [Psychology Clinic](#).
- For a comprehensive list of all courses offered at Swinburne, browse [Courses at Swinburne](#).



Event Management Courses in Victoria in 2024



The Good Universities Guide indicates that an *event planner* or *event coordinator* plans and organises special events, including parties, wedding receptions, product launches, banquets, sporting events, meetings, conferences, and conventions. Successful event planners –

- enjoy working with people
- good organisational and time management skills
- have every attention to detail
- good interpersonal and supervisory skills
- good communication skills
- neat personal appearance
- comfortable working with computers
- able to negotiate, delegate and work under pressure

Depending on the size of the establishment, events coordinators may work independently or as part of a team. They often work irregular hours, and on weekends and public holidays. **Learn more at [Good Universities Guide - Events](#).** For a comprehensive list of all events courses offered by all Victorian institutions, visit [VTAC](#).

There are a number of institutions in Victoria that offer courses, or majors, in *event management*, and some of these include –

INSTITUTION	COURSES IN 2024	VCE ENTRY REQUIREMENTS
Deakin University	Bachelor of Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
Holmesglen Institute	Diploma of Event Management	Successful completion of Year 12 useful.
	Diploma of Sport with Diploma of Event Management	Successful completion of Year 12 useful.
La Trobe University	Bachelor of Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
	Bachelor of Business (Event Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
Melbourne Polytechnic	Bachelor of Hospitality Management	Successful completion of Year 12 VCE or equivalent with no specified minimum ATAR score and a study score of at least 20 in any English.
	Diploma of Live Production and Technical Services	Successful completion of Year 12 and ATAR is used for selection.
Swinburne University	Diploma of Event Management	Successful completion of Year 12 and ATAR is used for selection.
Victoria University	Diploma of Event Management	Successful completion of Year 12 useful.
	Bachelor of Business (Event Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL..
William Angliss Institute	Diploma of Event Management	Successful completion of Year 12 and ATAR may be used as part of selection.
	Associate Degree in Event Management	Successful completion of Year 12 and ATAR is used for selection.
	Bachelor of Event Management	Successful completion of Year 12 and ATAR is used for selection.



Australian Signals Directorate (ASD)

The ASD is a vital member of Australia's national security community. We work across the full spectrum of operations required of contemporary signals intelligence and security agencies. This includes intelligence, cyber security and offensive cyber operations in support of the Australian Government and Australian Defence Force (ADF).

Since its earliest days, the ASD has taken on complex challenges to keep Australians secure, and the ingenuity of its workforce is vital to its success. *Today, we keep rising to meet the challenges before us and find solutions to Australia's complex problems.* The work produces meaningful, observable results as the ASD contributes to the safety and well-being of all Australians.

The ASD offers a range of career opportunities - [starting my career](#), from cadetships, to apprenticeships, as well as graduate positions once an applicant has graduated tertiary study. Of importance, is to recognise that jobs in the ASD are offered in all disciplines, from *accounting and finance to strategic and international policy*, and everything in-between.

Students keen on finding out more are encouraged to browse [Australian Signals Directorate \(ASD\)](#).



News from Federation University

➤ Dual Electrical Engineering Course at Berwick Campus

Get paid and gain workplace experience through an apprenticeship while completing a Certificate III in Electrotechnology Electrician and a Bachelor of Engineering (Electrical and Information Engineering) in this unique career opportunity.

Federation University is partnering with the Victorian Government, Ai Group Centre for Education & Training and NECA Education & Careers to create these dual electrical qualifications.

This dual qualification has been designed to address a gap in the skills market identified by industry. Modern control systems in sophisticated industry applications have outpaced the current trade knowledge, but the engineering staff who understand the systems are unlicensed to physically work on them.

The outcome of this program will be a certified A Grade electrician with advanced STEM knowledge who is able to design, install, commission, and maintain these advanced systems.

The Certificate III in Electrotechnology – Electrician will be delivered by NECA Education & Careers based out of their new state of the art Dandenong Campus. The Bachelor of

Engineering (Electrical and Information Engineering)(Honours) will be delivered by Federation University with an option to attend either the Ballarat or Berwick campus.

Find out more at [Dual Electrical Qualification](#).

➤ **New Courses at Berwick Campus in 2024**

The following courses are *new* at the Berwick Campus from 2024 –

- [Bachelor of Engineering \(Civil\) \(Honours\)](#)
- [Bachelor of Engineering \(Electrical and Information Engineering\) \(Honours\)](#)
- [Bachelor of Engineering \(Mechanical\) \(Honours\)](#)
- [Bachelor of Speech Pathology \(Honours\)](#)



TUCKWELL
SCHOLARSHIP

Tuckwell Scholarship for 2025

Australian National University (ANU) launched the ***Tuckwell Scholarship Program*** in 2013. *The Tuckwell Scholarship Program at the ANU is the most transformational undergraduate scholarship program in Australia.* A Tuckwell is not just about a students' intellect. It is also about their desire and determination to use their natural abilities to realise their full potential so that they can make a difference in the world. All up one could say, **this is no ordinary scholarship!**

Scholarships are awarded based on four criteria:

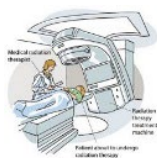
- academic potential and achievements to date;
- other significant achievements to date, of any type;
- demonstration of the [Attributes of a Tuckwell Scholar](#); and
- a [desire to eventually give back to Australia](#).

Tuckwell Scholar students receive:

- \$26,000 per annum (2024 rate) (increasing with inflation) for each year of the length of their undergraduate degree, to cover on-campus residential costs, books, and general living expenses
- from 2024, a one-off payment of \$1,500 relocation grant for first year Scholars.
- priority access guaranteed to ANU-approved student accommodation
- travel allowances to assist with the move to Canberra and to support two annual return journeys (e.g. airfares) between the Scholar's home and the University for each year of their degree.
- an allowance to help cover the transport costs for their parents to attend [Commencement Weekend](#) at the start of the program, and
- an [ANU Sports Centre membership](#) for the length of their degree.

Applications will open in March 2024.

For more information browse [Tuckwell Scholarship](#).



What does a Radiation Therapist do?

The [Good Universities Guide](#) states that Radiation Therapists *design, and administer radiation treatment to cancer patients, and provide related care to patients in conjunction with radiation oncologists or other medical specialists*. The [Health Times](#) website indicates that a Radiation Therapist is *also responsible for collecting relevant patient information and using this information to plan a patient's treatment. A radiation therapist will work under the guidance of a Radiation Oncologist, in a team of health professionals who care for and treat cancer patients*.

Radiation therapists are responsible for supporting the patient throughout their treatment. They must have compassion and strong interpersonal skills. Part of their role is to listen to the emotional concerns and anxieties of the patient and refer them appropriately if needed. The radiation therapist will also assess the patient's reaction to treatment, providing advice on the side effects of treatment and methods of alleviating these. Radiation therapists often develop close relationships with their patients, as they usually see them five days per week for between three and seven weeks.

To become a Radiation Therapist, students have to study radiation therapy at university. Studies in Radiation Therapy in Victoria are offered by [Monash University](#) and [RMIT University](#), and Radiation Science units are offered in the Medical Imaging degree offered by [Deakin University](#).



What does a Neuroscientist do?

According to the [Medical News Today](#) website *neuroscientists focus on the brain and its impact on behaviour and cognitive functions, or how people think*. Neuroscience is an interdisciplinary science that works closely with other disciplines, such as mathematics, linguistics, engineering, computer science, chemistry, philosophy, psychology, and medicine. Neuroscientists carry out tests, using various types of technology to help them to diagnose conditions, and they usually specialise in specific areas. These include study of the way the nervous system grows and develops; the way the brain deals with thought, language, memory, and its ability to solve problems; or molecules that help with the way the nervous systems work.

To become a neuroscientist, students generally have to complete a science degree - such as a *Bachelor of Science* or *Bachelor of Biomedicine* with a major in [Neuroscience at the University of Melbourne](#), for example. Completion of a postgraduate qualification is regarded as of great value - such as Graduate Diploma in Clinical Neuropsychology, Master of Science in Medicine (Clinical Neurophysiology) and Master of Neuroscience. The following link is very interesting to browse - [Master Programs in Neuroscience](#).



What is Land Surveying?

*Interested in Geography, Maths, Science, IT and/or the outdoors? Looking for a job that won't tie you to a desk? Surveying is the measurement and mapping of our surrounding environment using mathematics and specialised technology. Land surveyors are involved with a diverse variety of projects from land subdivision to tunnel building and major construction. Importantly though, **there is much more to surveying than taking measurements outdoors and then analysing them back in the office.** Surveyors are often the first people on site during any construction process; they are the guardians of property law, and the creators of land titles. They are also the ones who can sign off on the position of new title boundaries. In all, surveyors are an integral part of the process in a wide variety of scenarios.*

[Note: Surveying courses are offered at Federation University, RMIT, and Victoria University.](#)

Students who wish to find out what surveying is, what surveyors do, where to study, and what it takes, might like to browse [A Life Without Limits](#).



Bachelor of Artificial Intelligence

Gain the skills necessary to design, develop, and evolve software solutions that takes advantage of the latest advances in artificial intelligence.

Deakin's [Bachelor of Artificial Intelligence](#) equips students with the knowledge and skills to *design, develop and evolve software solutions* that harness the latest advances in artificial intelligence (AI). Students get hands-on experience developing AI-driven software solutions with the support of academics who are leaders in this emerging field. Deakin's world-class research in AI feeds directly into its classrooms, ensuring what students learn is at the cutting edge of industry expectations and capabilities.

With a minimum of 100 hours of industry experience, students will develop in-demand skills working side-by-side with experienced AI specialists.



MUSIC PRODUCTION COURSES IN VICTORIA IN 2024



There are numerous courses on offer in Victoria for students who wish to study music production courses. A selection of courses is listed below but for a comprehensive list of all similar courses on offer – including double-degrees – visit [VTAC](#).

UNIVERSITY	MAJOR STUDIES IN 2024	SELECTION CRITERIA
AIM (M) – Melbourne	Music (Creative Technology – Audio): Audio Technology, Digital Technology (DAW Skills)	Selection: Folio and Folio Presentation, Audition (M)
	Composition and Music Production: Composition, Digital Technology (DAW Skills), Music Production.	Selection: Portfolio and Folio, Interview (M)
BOX HILL INSTITUTE (B) – Box Hill	Music Industry (Audio Production): Live Sound, Mastering, Mixing, Post Production, Sound for Media, Studio Recording.	Selection: Portfolio and Folio Presentation, Interview (B)
	Music Industry (Music Production): Artistic direction, Creative collaborations, DJ'ing and performing with technology, Immersive and interactive music production, Music production technology and aesthetics, Releasing music, Song production.	Selection: Portfolio and Folio Presentation, Interview (B)
COLLARTS (C) – Collingwood	Music Production: Mixing & Studio Foundations; Ensemble Rehearsal & Direction; Composing & Sequencing; The Fundamentals of Sound & Music; Solo Recording & Working with Musicians; Technology in Performance; Creative Software Practice; Microphone & Music: Theory & History; Sound Design; Music for Image; Advanced Critical Listening; Applied Digital Marketing; Mastering; Remixing & Arranging and many more.	Selection: Interview (C)
JMC ACADEMY (M) – Melbourne	Audio Engineering and Sound Production: Acoustic Design, Acoustics Theory, Audio, Audio + Sound Theory, Audio Engineering, Audio Industry, Audio Post Production, Audio System Design, Electronic Music, Electronics, Foley, History of Western Recording, Live Sound, Music Business, Music History, Music Production, Music Production Analysis, Musical Instrument Digital Interface (MIDI), Recording, Research Project, Sound Art, Sound Design, Sound Recording, Spatial Recording, Studio Recording, TV, Radio + Film Audio.	Selection: Interview (M)
MELBOURNE POLYTECHNIC (F) – Fairfield	Music Production: Ableton Live, Audio synthesis, Digital audio workstations, Electronic music production, Music analysis, Music composition and arrangement, Music industry studies, Pro Tools 101, Project management, Sound editing and mixing, Studio recording and production techniques, Technology in performance.	Selection: Audition, Interview (F)
NCAT (P) – Preston	Music Industry: Music Business, Music Industry, Music Theory, Performance, Recording, Sound Production.	Selection: Application form, Interview (P)
RMIT (C) – City	Music Industry Sound Production: Acoustics, Audio mastering, Audio production technology, Broadcast sound, Computer music production systems, Dialogue editing, Digital audio, Digital media, Digital technology, Electronic music, Film and television sound production, Film music, Live sound, Music industry, Music technology, Radio production, Sound engineering, Sound mixing, Sound production, Sound recording, Surround sound applications.	Selection: Selection Task and Interview (C)
	Music Industry: DJing, Electronic music, Music, Music business, Music culture, Music history, Music industry, Music media, Music performance, Music production, Music promotion, Music technology, Music video, Popular music, Sound design, World music.	Selection: ATAR: 68.10 (C)
SAE (M) – Melbourne	Music: Creative Musicianship, Electronic Music Production, Music Industry and Business, Songwriting and Music Production.	Selection: Portfolio, Folio Presentation, Interview (M)



MONASH
University

REGISTER NOW

Year 10 Discovery Day

There will be something for everyone at this Discovery Day! **Students** will have the opportunity to take part in a series of interactive workshops that explore different subject areas and build insights about post-school options.

Parents, you are also welcome! We will have a separate session for you delivered by Educational & Developmental Psychologist, Dr Christine Grove.

With such a jam-packed, educational day, this opportunity is not to be missed.

Friday 5 April, 2024

TIME: around 9 am - 2 pm

VENUE: Monash University Clayton Campus

REGISTER: Registrations are essential with priority given to regional and interstate families.

REGISTER [HERE](#) NOW!

Study at a top University.
Live in a top city.



GROUP
OF EIGHT
AUSTRALIA

Disclaimer/Footnote: Achieve your potential at Monash, based in Melbourne, Australia and in the top 1% of universities worldwide.*