CAREER NEWS

Friday 6 September

Dates to Diarise in Term 3

- **Year 12 VTAC timely applications** – throughout August and September
- **VTAC SEAS and Scholarship applications** open August and September

Australian Apprenticeships

The term 'Australian Apprenticeships' covers both apprenticeships and traineeships, which start when an employer creates a job and decides to use this way of employing and training staff.

Australian Apprenticeships are available to anyone of working age with eligibility to work in Australia. There aren't specific school levels, certificates or other qualifications needed to start one.

Australian Apprenticeships offer opportunities for you to train, study and earn an income at a variety of Vocational Education and Training qualification levels in many occupations including traditional trades.

Find out more at Australian Apprenticeships

Diploma of Teacher Education Preparation

*The **Diploma of Teacher Education Preparation** may be the right study choice for students with the motivation, capability and personal attributes to be a great teacher.*

The **Diploma of Teacher Education Preparation (Dip TEP)** is an accredited AQF5 level qualification aimed at students who do not initially meet the minimum ATAR for teaching. The course has been developed as part of the Victorian Government's Excellence in Teacher Education Reforms to ensure that disadvantage and diverse educational experiences are not a barrier to capable and committed people who want to pursue a career in teaching.

Successful completion of the Dip TEP will ensure that students graduate with the prerequisite knowledge and skills to undertake a rigorous undergraduate teacher education course. The Dip TEP supports students to meet the literacy and numeracy standards they will need in order to graduate with a teaching qualification and supports them to meet the demands of study at a higher education level. The course introduces them to contemporary issues in education and to teaching as a profession, including practical school-based placement.

The course is offered by RMIT, VU Polytechnic, and Swinburne

Study Abroad & Exchange Programs

Students who choose to take up an opportunity to do some of their university study overseas get the opportunity to immerse themselves in another culture, study at an overseas university, and really get to engage with students and lecturers at those institutions. An added bonus of many study abroad programs is that students get to study for one or two semesters at these overseas partner institutions and earn credit towards their degrees.

Find out more about the Study Abroad programs offered by browsing the following links!

Australian Catholic University	Exchange and Study Abroad
Charles Sturt University	CSU Global
Deakin University	Student Exchange
Federation University	Study Abroad and Exchange Programs
La Trobe University	Students going on Exchange
Monash University	Study Abroad
RMIT University	Study Abroad
Swinburne University	Study Abroad
University of Melbourne	Study Abroad
Victoria University	Student Exchange Program

Scholarships to Study Abroad

*Looking to study abroad but worried about the costs? Good news! There are hundreds of **scholarships to study abroad**, including general scholarships and more specialized funding schemes. Some are offered by government agencies, some by individual universities, and others by external funding organizations and charitable enterprises.*

The **Top Universities website** is an excellent resource to learn more about what scholarships are on offer. Students can search for **region-specific scholarships** or **country-specific scholarships**. Students can even search for **subject-specific scholarships.**

Students are encouraged to browse Top Universities - Study Abroad Scholarships

UPCOMING OPEN DAYS 2019

INSTITUTION	DATE	TIME	CONTACT DETAILS
Box Hill Institute of TAFE Lilydale Campus	Sun 15 September	10am – 3pm	1300 269 445 www.boxhill.edu.au/openday
Holmesglen Institute Open Days - all campuses	12 September 17 October	Various times	1300 639 888 Online bookings are essential www.holmesglen.edu.au/opendays
University of Melbourne Dookie Campus Werribee Campus	Sun 22 September Sun 20 October Sat 31 August	10am – 4pm 10am – 4pm 9am – 4pm	1800 801 662 https://openday.unimelb.edu.au/ http://openday.sydney.edu.au/

News from Federation University

- ➢ **Bachelor of Information Technology**

FedUni's Bachelor of Information Technology (BIT) specialised streams have been developed in accordance with the Australian Computer Society's accreditation requirements and in consultation with IT staff and the industry advisory group. The degree is designed to appeal directly to particular market needs and student interests.

Links to specialised streams of the Bachelor of Information Technology are listed below, and students are encouraged to note the VCE prerequisites each specialisation requires.

- Big Data and Analytics - analysis of large, complex data sets
- Business Information Systems - analysis and design of business information systems
- Cloud and Enterprise Computing - mainframe and cloud computing
- Games Development - design, creation and production of computer and video games
- Mobile App Development - with a particular focus on developing apps for mobile platforms
- Networking and Security - join the war in cyberspace through ethical hacking and data security
- Software Development - testing, refinement and maintenance of tools and techniques, evaluation of existing products.

- ➢ **Arts Academy Degrees**

Three *new* degrees were introduced this year allowing for students to develop key skills in their chosen discipline to maximise their ability to thrive in today's diverse creative industries. There are three areas of focus – *studio, forum,* and *collaborative* workshops. Students learn how to manage and promote their work, and link to community events and programs. They will study project based units and learn how to manage and promote their own work.

- Bachelor of Contemporary Performance Practice
- Bachelor of Contemporary Visual Arts
- Bachelor of Contemporary Communication Design

Cybersecurity Courses in Victoria

Wikipedia defines cybersecurity or computer *security as the protection of computer systems from theft or damage to their hardware, software or electronic data, as well as from disruption or misdirection of the services they provide.*

Another explanation is that **cybersecurity** is the protection of internet-connected systems, including hardware, software and data, from cyberattacks. In a computing context, **security** comprises **cybersecurity** and physical **security** -- both are used by enterprises to protect against unauthorized access to data centers and other computerized systems.

Cybersecurity professionals are employed in all industries, and they work hard at ensuring computer data stays out of the wrong hands.

Although **Cybersecurity Education** is an American organisation, its website is well-worth a visit just to begin to grasp the broad range of careers in this field.

Cybersecurity is taught at a number of Victorian institutions – either as a course in its own right, or as a major in another courses. **Below is a list of some of these, and students are encouraged to browse VTAC for a comprehensive list of all courses available.**

INSTITUTION	COURSE NAME	VCE PREREQs	MAJOR STUDIES IN 2019
Box Hill Institute	Advanced Diploma of Cyber Security	n/a	Cyber Security Policy and Planning, Forensics, IOT device security, Incident response, Networking and Network Security, Penetration testing, Threat detection and mitigation.
Deakin University	Bachelor of Cyber Security	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Access control, Computer and network security, Computing, Cryptography, Data analytics, Database, Digital forensics, Hi-tech crime, Identity management and authentication, Information and communication technology, Information technology, Internet and web, Internet technology and security, Internet-of-things security, Network management and network systems, Penetration testing, Privacy, Public-key cryptography, Security analytics, Security and management, Security and risk analysis, System and software vulnerabilities.
Holmesglen Institute	Cert IV in Cyber Security	n/a	Collecting and analysing data to identify cyber threats and vulnerabilities, Cyber Security Industry Project, Cyber ethics and workplace legislation, Introduction to Pen Testing, Intrusion testing, Managing System Security, Network Security firewall configuration, Networking skills for Cyber Security, Programming skills for Cyber Security, Securing Websites, Security monitoring & Incident response, Working and communicating in a Cyber Security Operations Centre in an Organisation.
La Trobe University	Bachelor of Cybersecurity	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Computer science, Cybersecurity Management, Information technology.
Swinburne University	Cert IV in Cyber Security	n/a	Implement network security infrastructure, Test concepts and procedures, Utilise basic network concepts and protocols, Write script for software applications. Information session

Photography Courses in Victoria

Photography courses are offered at a number of institutions in Victoria.
Many of these courses are listed below.
Log onto VTAC to find out more about these courses and many others.

UNIVERSITY	VCE PREREQUISITE SUBJECTS	SELECTION CRITERIA FOR 2019
Box Hill Institute	**Certificate IV in Photography and Photo Imaging** (min Year 11 pass)	**Selection:** Folio Interview
Chisholm Institute	**Diploma of Photography and Photo Imaging** (Year 12 pass)	**Selection:** Folio and Folio Presentation
Deakin University	**Bachelor of Creative Arts (Photography)** (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)	**Selection:** Folio, Folio Presentation, and ATAR
Holmesglen Institute	**Certificate IV in Photography & Photo Imaging** (Year 12 pass)	**Selection:** Folio and Interview
LCI Melbourne	**Bachelor of Design Arts (Filmmaking & Photography)** (Year 12 pass)	**Selection:** Folio and Interview, and ATAR
Melbourne Polytechnic	**Certificate IV in Photography and Photo Imaging** (Year 12 pass)	**Selection:** Folio and Folio Presentation
Photographic Studies College	**Bachelor of Photography** (Year 12 pass)	**Selection:** Supplementary Form, Interview, **Folio Presentation**
	Certificate IV in Photography and Photo Imaging	**Selection:** Supplementary Form, Interview
RMIT University	**Bachelor of Arts (Photography)** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	**Selection:** Pre-selection kit, Folio Presentation (some)
	Certificate IV in Photography and Photo Imaging (Year 12 pass)	**Selection:** Pre-selection kit, Folio Presentation (some)
Swinburne University	**Photography and Photo Imaging - Certificate IV/Diploma** (Year 12 Pass)	**Selection:** Pre-Training Interview