



## **Engineering & Technology Cadetships (ETCAD) Program**

The ***Engineering & Technology Cadetships (ETCAD) Program*** was launched in 2013 by Professional Cadetships Australia, an Australian company that has a proven record of placing Year 12 students with leading companies.

Under the 2016 ETCAD Program, Technology Cadets will work at Westpac in Group Technology.

Technology Cadets combine work at the Westpac Group in Sydney (city) with university study in *computer science, information technology or information systems*. Alternatively, cadets may undertake a commerce or arts degree and select information systems as one of their majors.

Technology Cadets study for six months of the year and work at Westpac Group Technology in the other half of the year. The bank allows for flexibility within the study and work program, particularly after the first year.

Applications for the ETCAD Program are made online to Professional Cadetships Australia. Applications are open and will close on Friday 17 June 2016. To be considered for a Cadetship under the ETCAD Program, students will need to expect an ATAR of at least 86.25.

Visit [Professional Cadets](#) to find out more, or [Engineering & Technology Cadetships \(ETCAD\) Program](#) to access the application.



## **CareerMe**

The ***CareerMe*** app allows students to get up to date information on hundreds of jobs and careers, view job descriptions, training requirements, training locations and available jobs. You can also find the industries where skills are most in demand. Students can go to the iTunes store or Google Playstore to download the app to their smartphone or tablet for *free* – just search “careerme”.



Working in the **real estate profession** offers students the opportunity to achieve high levels of personal satisfaction and career success. In general terms, estate agents *lease, manage, appraise, buy and sell residential, rural, commercial and industrial property or business* on behalf of clients. The first step in establishing a real estate career is to become an **agent's representative**. Agent's representatives perform a variety of real estate roles under the supervision of a licensed estate agent. Students who are interested in completing a course to become a real estate agent, might like to browse the following link that addresses a number of FAQs - [Student Information](#)

For more information about careers in real estate and the Real Estate Institute of Victoria (REIV) visit [REIV](#)



Worldly

News from Deakin University

➤ **Nursing & Midwifery Information Sessions**

The School of Nursing and Midwifery at Deakin University invites students to visit the school and hear about its innovative undergraduate degrees.

**Melbourne Burwood Campus**

**Date:** Wednesday 20 July 2016  
**Time:** 6.00pm – 8.00pm  
**Venue:** Building BC, Burwood Corporate Centre, Level 2

OR

**Date:** Saturday 23 July 2016  
**Time:** 2.30pm – 4.30pm  
**Venue:** Building BC, The Point, Level 1

**Geelong Waterfront Campus**

**Date:** Wednesday 20 July 2016  
**Time:** 6.00pm – 8.00pm  
**Venue:** Building AD, Western Beach Room 6.104

**Warrnambool City Centre Campus**

**Date:** Friday 22 July 2016  
**Time:** 7.30pm onwards  
**Venue:** 165 Timor Street in Warrnambool

Students should register their attendance at one of these information sessions by visiting [Nursing & Midwifery Information Sessions](#)

For all other information about nursing and midwifery at Deakin University, visit [Nursing & Midwifery at Deakin](#)



### **Explore Deakin**

Students are reminded about the **Explore** app that is a digital tool that enables students to search for courses and corresponding career possibilities, and vice versa at Deakin University. An **Explore app** should soon be available to download from the App Store. **Students can also access this resource at [Explore Deakin](#)**



Bond University would like to invite Victorian students to be our special guest and attend our annual Twilight Open Day. Students who attend can Experience Bond in a whole new light as part of our personalised Open Day Experience Weekend, receiving an all-access pass to our campus, take part in a range of exciting activities, network with staff and meet current bond students so that they can experience life at Bond for themselves.

**Once students make their way to the Gold Coast on Saturday, July 23, Bond will provide them and their parent or guardian with complimentary:** overnight accommodation for two guests (twin share) at QT on the Gold Coast, return coach transfers from the hotel to Bond's Twilight Open Day and VIP lunch with Bond staff and students.

**Places for this exclusive event are limited, to register your interest please contact your Career Practitioner.**

- ACU has seven campuses across Australia and a *new* campus in Rome - [ACU Campuses](#)
- There are over 30,000 students nationally
- ACU can proudly claim that 93% of its graduates find employment within 4 months of graduation
- Besides its wide range of institutes and centres, ACU also has four faculties –  
[Education and Arts](#)  
[Health Sciences](#)  
[Law and Business](#)  
[Theology and Philosophy](#)
- [ACU Student Accommodation](#) is offered at five campuses
- ACU students can attend an overseas university in more than 16 countries, complete international internships, and work in community programs around the world – all while receiving credit towards their degree - [Study Abroad and Exchange](#)
- Community engagement is also a core part of every student's experience at ACU, to the point where it's embedded within its courses. This allows students to give back to their communities and make a difference through opportunities such as volunteer experience programs - [Community Engagement](#)
- ACU has an alternative entry scheme called the Early Achievers Program (EAP); this program is designed to acknowledge Year 12 students who have participated in significant voluntary community service programs while at school. One of the biggest benefits of the program is that successful applicants receive an offer well ahead of the usual tertiary admissions announcements - [EAP](#)
- ACU also has an Elite Athletes Program which has been designed to support and encourage students in managing both areas of their life to ensure that elite student athletes achieve their goals - [Elite Athlete Program](#)
- Passion for Business Program (P4B) is a guaranteed early entry program designed to nurture a students' learning passion and give them a step up in their future business career. Current Year 12 students studying a business related subject are encouraged to apply - [P4B Program](#)
- ACU introduced a number of *new* courses in 2016 including:  
[Bachelor of Digital Media](#)  
[Bachelor of Biomedical Science/Bachelor of Laws](#)  
[Bachelor of Biomedical Science/Bachelor of Business Administration](#)  
[Bachelor of Biomedical Science/Bachelor of Applied Public Health](#)  
[Bachelor of Teaching/Bachelor of Exercise Science](#)
- ACU will be introducing the Bachelor of Physiotherapy at its Ballarat campus from 2017 - [Bachelor of Physiotherapy](#)
- ACUcom provides excellent pathways to select bachelor degrees at ACU. Courses on offer through ACUcom include *aged care, exercise science, nursing, education support, and early childhood education* - [ACUcom Courses](#).



## **Career as a Park Ranger**

***Park rangers control, supervise and manage national parks, scenic areas, historic sites, nature reserves and other recreational areas \*\****

Park rangers may perform the following tasks:

- assist with guided tours and promote an understanding and appreciation of the natural and cultural features of the park
- supervise public visits and inform visitors about park facilities, advising of park rules and regulations, and enforcing these when necessary
- patrol waterways, roads and tracks to observe and report on the park environment, including the condition of animals and plants
- ensure endangered animals and plants are protected, and assist with related research projects
- ensure parks, park facilities and equipment are clean and properly maintained
- assist with wildlife management projects, including surveys and monitoring of wildlife
- participate in search and rescue operations
- supervise and coordinate fire management, weed eradication and pest-control programmes
- investigate and report to supervisors on matters relating to park management
- support local communities in protecting their cultural heritage and in developing sustainable land management practices
- conduct research into the protection and recording of Indigenous and historical sites
- supervise and train park staff and volunteers, and oversee crews of general maintenance workers and contractors
- undertake administrative and clerical duties
- prepare, review and implement reports, submissions, management plans, development proposals and environmental impact assessments

**\*\*[Good Universities Guide - Park Ranger](#)**

There are a number of professional associations park rangers can be part of, and in Victoria it is [Parks Victoria](#). Students keen on Work Experience at Parks Victoria should browse [Work Experience at Parks Victoria](#)

There are a number of courses in Victoria that prepare students for a career as a park ranger. Some of these include –

INSTITUTION	COURSE
Box Hill Institute	<a href="#">Bachelor of Biosecurity Science</a>
Chisholm Institute	<a href="#">Diploma of Conservation and Land Management</a>
Deakin University	<a href="#">Bachelor of Environmental Science - Environmental Management &amp; Sustainability</a>
Holmesglen Institute	<a href="#">Diploma of Conservation and Land Management</a>
La Trobe University	<a href="#">Bachelor of Outdoor Recreation Education</a>
Melbourne Polytechnic	<a href="#">Diploma of Conservation and Land Management</a>
Monash University	<a href="#">Bachelor of Science / Bachelor of Arts</a>
RMIT University	<a href="#">Diploma of Conservation and Land Management</a>
Swinburne University	<a href="#">Diploma of Conservation and Land Management</a>



## Information Technology Degrees on offer in Victoria

A number of universities offer a broad range of **Information Technology** degrees and below is a list of some of these courses. For a comprehensive list of courses (including the many double-degree options) on offer at both TAFEs and universities, visit [VTAC](http://VTAC).

INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES
<b>ACU</b>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Application Development, Business Analysis, Database Analysis, Database Management, Enterprise Architecture, Information Systems, Systems Analysis, Web Applications Programming.
<b>CHARLES STURT</b>	n/a	Computer programming, Computing, Computing (networks), Object-oriented programming, Software engineering, Systems administration, Systems analysis.
<b>CQU</b>	Units 3 and 4: a study score of at least 25 in any English.	Application Development, Business Analysis, Network Security.
<b>DEAKIN</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Animation (games), Cloud computing, Computer and network security, Computer networks, Computer programming, Computer science, Databases, Distributed systems and applications, Games development, Games programming, Information technology, Interactive media, Internet and World Wide Web, Mobile and Apps Development, Multimedia, Network security, Networking, Networking (CISCO curriculum), Object-oriented design, Object-oriented programming, Operating systems, Programming, Security, Security and management, Software development, Software engineering, Systems analysis and design, Systems and networks, Virtualisation, Web applications programming, Web design.
<b>FEDERATION</b>	Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 15 in any English.	Computer applications, Computer programming, Computing, Computing (skills), Database management, Databases, Games programming, Information technology, Information technology management, Interactive multimedia, Internet and World Wide Web, Internet technology, Java programming, Multimedia and internet technology, Networking, Project management, Software development, Software engineering, World Wide Web.
<b>LA TROBE</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Big data, Computer applications, Computer networks, Database systems, Information systems, Information systems management, Multimedia authoring, Object-oriented development, Project management, Software development, Software engineering, Systems and software engineering, Systems design and development, Web applications programming, Website development.
<b>MONASH</b>	Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Business analytics, Business information systems, Computer networks and security, Computer programming, Computer science, Computing, Creative computing, Cybersecurity, Data science, Games design, Games development, Information and society, Information management, Information technology, IT for business, Mobile apps development, Multimedia development, Software development, Software engineering, Web development.
<b>RMIT</b>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in any Mathematics.	Business IT, Data networks, Database administration, Databases, Graphics, Information technology, Internet technology, Networks and data communications, Object-oriented modelling, Object-oriented programming, Problem solving, Professional practice, Programming, Programming (.NET), Programming (C#), Programming (C), Programming (Java), Programming (PHP), Security, System administration.
<b>SWINBURNE</b>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in any Mathematics.	Business information systems, Business process modelling, Database analysis and design, Database systems, Enterprise systems, Information systems management, Management and accounting, Mobile business and connectivity, Object-oriented programming, Programming (C), Programming (Java), Programming (Pascal), Programming (VB), Project management, Requirements analysis and modelling, Systems acquisition and implementation.
<b>VICTORIA</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; and a study score of at least 20 in any Mathematics.	CCNA Security, CCNA Wireless, Database analysis and design, Database recovery, Database systems, Emerging technologies, ER modelling, ICT management, Industrial project and project management., Network design and systems, Network management, Networking, Normalisation, Object-oriented programming, Operating systems, Sensor network and Internet of Things, SQL query, Transactions, Virtual LAN, Web and programming.