

Weekly Career News

Term 3

Tuesday 2 August 2016

UPCOMING OPEN DAYS

THURSDAY 4 AUGUST

Kangan Institute, Docklands <http://bit.ly/29NQuJa>

FRIDAY 5 AUGUST

La Trobe University, Shepparton <http://bit.ly/1BGrG35>

SATURDAY 6 AUGUST

Monash University, Peninsula <http://bit.ly/1PDMQTX>
Collarts, South Melbourne <https://collarts.edu.au/>
SAE Creative Media Institute, Melbourne <http://bit.ly/1U6g2RH>

SUNDAY 7 AUGUST

Academy of Design Australia, Melbourne <http://bit.ly/1gDDAlc>
Australian Maritime College, Tasmania <http://bit.ly/27MldQT>
Deakin University, Warrnambool <http://bit.ly/1N0i0kr>
La Trobe University, Melbourne <http://bit.ly/1BGrG35>
Macleay College, Melbourne <http://bit.ly/2aFdXPM>
Monash University, Clayton, Caulfield <http://bit.ly/1PDMQTX>
Oceania Polytechnic, Melbourne <http://bit.ly/2aj8hhC>
University of Tasmania <http://bit.ly/2aIGwza>

YEAR 10 – SUBJECT SELECTION

Year 10 Students: If you are planning on studying the VCE or HSC next year and are considering university study in the future, the following resources will assist you in understanding university study, prerequisites, selection criteria and how to choose senior school subjects:

- La Trobe University Year 10 website- <http://bit.ly/1OKh3xs>
- Charles Sturt University Year 10 website- <http://bit.ly/1g633vY>
- Monash University Year 10 website- <http://bit.ly/1KLhyJE>

RESOURCES

Myfuture: students will be able to explore courses, occupations, take a mini career quiz and an entrepreneurship quiz, and develop job-seeking skills, <https://myfuture.edu.au/>

The Good Careers Guide: You can search over 400 different occupations narrowed down by the field or type of work you would like to do in the future (e.g., helping/advising), <http://bit.ly/2a7Qr0Z>

Good Universities Guide: You will be able to find courses, compare university ratings, search for scholarships and explore careers, <http://bit.ly/1N6a3Pk>

Australian Apprenticeship Pathways: You will be able to undertake apprenticeship aptitude tests, find local apprenticeship and group training centres, and learn about different trade occupations, www.aapathways.com.au/

Defence Jobs: You can explore occupations, courses and technical trades in the Army, Navy and Air Force, www.defencejobs.gov.au/

Careers

Test: You can explore occupations based on your

AMAZING MATHS, SCIENCE & IT COURSES

The following courses may suit students who enjoy mathematics, science and information technology:

- Bachelor of Science majoring in Computational Biology, University of Melbourne, “analyse and interpret biological phenomena using mathematical and statistical models, computational tools and the algorithmic design and analysis of such models and tools”, <http://bit.ly/2aoAMp5>
- Bachelor of Computer Science majoring in Data Science, Swinburne University: “data science spans the use and processing of data across diverse fields, including modeling for supercomputing or astrophysics. Or you could work with metadata, a field that will require data to be processed in ways we’ve never considered before”, <http://bit.ly/2ahhG5m>
- Bachelor of Science majoring in Computational Science, Monash University: “use computers to construct and apply mathematical models, simulation, numerical methods and data-analysis techniques to solve scientific problems”, <http://bit.ly/2akXqkC>
- Bachelor of Science (Biotechnology), RMIT: use gene manipulation of plants, animals and micro-organisms to create new biological products for pharmaceutical, agricultural, diagnostic and environmental use...develop diagnostic tools to detect diseases rapidly and conduct human stem cell research with the aim of treating or preventing illnesses, <http://bit.ly/2aBMsbk>
- Bachelor of Design (Spatial Systems), University of Melbourne: “spatial systems is...needed in all walks of life and on many scales, with applications including land tenure systems, environmental modeling, food production, disaster management, health and artificial intelligence”, <http://bit.ly/2aDX8Yd>
- Bachelor of Medical Radiation Science (Nuclear Medicine), Charles Sturt University, “details the administration and imaging of...radiopharmaceuticals within the patient to detect physiological abnormalities and deliver appropriate treatment...requires formal training in clinical, instrumentation and computing aspects of SPECT, PET, CT, MRI, ultrasound and newer hybrid systems”, <http://bit.ly/1K8zvD0>
- Bachelor of Biomedical Engineering, UNSW: “as a biomedical engineer, you may be involved in the design, construction and development of- diagnostic systems, e.g., medical imaging systems (such as CT, PET, MRI)...and mechanical and computer models of physiological function, e.g., a virtual heart, aortic valve, biochemical pump”, <http://bit.ly/2aLyE3G>
- Bachelor of Computer Science (Cognitive Science), Deakin University: “cognitive systems learn and interact with people to extend what either humans or machines can do on their own. IBM Watson is just one example of a cognitive system demonstrating the capacity to answer natural language questions, acquire information, process large amounts of disparate data and learn through repeat interaction”, <http://bit.ly/2aG99tf>

RESOURCES

Careers in Science and Engineering,
<http://bit.ly/24hW6WV>

Careers With Code:
careers in computer science and gaming, <http://bit.ly/1UGX7Vf>

I Choose Technology: careers in information and communication technologies,
<http://bit.ly/2adStKy>

Maths Adds: view career profiles of people working in interesting maths careers, and also find out about how maths is used in careers such as hairdressing, building and nursing, <http://bit.ly/2anSARY>

Maths: make your career count: explore careers in mathematics such as electrician and meteorologist,
<http://bit.ly/1WWajoe>

Bullseye posters: You can explore occupations related to your favourite school subjects,
<http://bit.ly/1svwa98>

Free Careers Test: You can explore occupations based on your personality type,
<http://bit.ly/2aGkVD4>

Career Harvest: Careers in Agriculture, Food and Fiber,
<http://bit.ly/1f0m8jW>

Rural Careers Australia: You can explore careers in agriculture, horticulture, animal care and land management,
www.ruralcareers.net.au/

VOCATIONAL & HIGHER EDUCATION NEWS

Science news: Be inspired by the latest stories featured on RiAUS – Australia’s Science Channel. Some of the topics covered this week include:

- Paws for thought – cats are gamers too
- Dr Paul Willis reports on the latest record breaking climate data
- Scientists use poison-carrying self-sacrificing bacteria to attack cancerous tumour cells

Access the stories at this link - <http://bit.ly/2azANtX>

Applying to the University of Melbourne? If your circumstances have prevented you from achieving your best, Access Melbourne can help. The institute has just announced guaranteed ATARs for the 2017 intake for Access Melbourne students.

If you qualify for the Special Entry Access Scheme (SEAS) categories ‘applicants from rural or isolated areas’ (category 1) and/or ‘disadvantaged financial background’ (category 3), you will be guaranteed a place in one of the following degrees, providing you meet course prerequisites and achieve the minimum ATAR: Science (78), Design (78), Arts (80), Commerce (88) and Biomedicine (95).

To apply for Access Melbourne, apply for the desired course/s through VTAC and complete the VTAC SEAS application form by the closing dates, www.vtac.edu.au

Interested in working in theatre, film or television? National Institute of Dramatic Art (NIDA) applications are now open. NIDA offers undergraduate courses in Acting, Costume Design, Design for Performance, Technical Theatre, Properties and Objects, and Staging. For information, go to www.nida.edu.au

Interested in studying law in the future? Swinburne University Law School has just announced a new partnership with the Leo Cussen Centre for Law. Bachelor of Laws (LLB) students at Swinburne will have a direct and integrated pathway to the Leo Cussen Graduate Diploma of Legal Practice in the final year of the Bachelor degree. Swinburne is the only Victorian law school to offer this option. Students will be able to be admitted to legal practice on the day they graduate, saving months on further graduate study. For information, go to <http://bit.ly/2aokXxE>

Australia National University to look beyond the ATAR score as a sole measure of admission: Within the next few years, Australia National University will completely revamp its admission processes and move away from just considering the ATAR in the selection process. The University will take into consideration the ‘whole person’ and also consider factors such as community service, leadership, and co-curricular activities at school. Students will also be able to apply for courses, accommodation and scholarships at the same time. For information, go to <http://bit.ly/2aFacvE>

RESOURCES

and explore vocational courses across Australia, learn about in demand jobs and watch videos of young people who have completed vocational training, <http://bit.ly/1D8uek7>

SkillsOne: you can watch videos about different trades, www.skillsone.com.au/

QILT: You can compare independent student ratings about different universities and courses, www.qilt.edu.au

Australian Dental Association, careers in dentistry and dentistry specialisations, <http://bit.ly/2af2xjn>

Exercise and Sports Science Australia, careers in exercise and sports science, <http://bit.ly/2abl8RG>

Optometry Australia, careers and courses in optometry, <http://bit.ly/2aCiLpk>

A Life Without Limits: careers in surveying, <http://bit.ly/1I8GVkL>

Student Edge: videos and profiles of people working in various occupations, <http://bit.ly/2aCpXSy>

Chartered Accountants: careers in chartered accountancy, <http://bit.ly/2almabl>

VOCATIONAL & HIGHER EDUCATION NEWS

Early entry – Torrens University and Think Education: These are private institutions offering a wide variety of vocational and higher education courses. Students can apply for courses via early entry and potentially receive an offer before exam results are released. Applications close Thursday 29 September.

- Torrens University - <http://bit.ly/2alhH8A>
- Think Education - <http://bit.ly/2aFdRcN>

Day in the Life Creative Workshops: If you love being creative but you aren't sure what course to study after school, the Billy Blue College of Design 'Day in the Life Creative Workshops' will give you the opportunity to explore two career areas you are interested in. The day will be held on Saturday 3 September at the Melbourne campus and you can choose from the following areas:

- Communication/Graphic Design
- Interior Design
- Digital Media
- Branded Fashion
- Photography

For more information and to register, to go <http://bit.ly/2ao6FDF>



National Science and Engineering Summer School for Indigenous Students: This program is being run by the Australia National University and Tjabal Indigenous Higher Education Centre. This week long Summer School is for 20 current Year 10 and 11 Indigenous students from across Australia who are interested in science, technology, engineering and mathematics. The program will run between Monday 12 – Friday 16 December. For information and to apply by 2 September, go to <http://bit.ly/2aFlShX>

ADFA Roadshow: Representatives from the Australian Defence Force Academy (ADFA) will be running an information session on Tuesday 23 August at Level 2/501 Swanston Street, Melbourne. They will be discussing the various degree options and the recruiting process. To RSVP your seats by Friday 12 August, email CPTVIC@dfr.com.au

UPCOMING EVENTS

- 2, 4: Experience Days, Kangan Institute: Creative Arts and Allied Health, Richmond (2) and Automotive, Docklands (4), <http://bit.ly/29NQuJa>
- 13 - 14: MCM Orchestral Excerpt Academy, Melbourne, <http://bit.ly/29O6JYH>
- 13 – 21: National Science Week, www.scienceweek.net.au
- 18: Surveying Experience Day, RMIT, Fairfield, <http://bit.ly/2aGFzpe>
- 23: ADFA Roadshow, Melbourne, book tickets by Friday 12 August by emailing CPTVIC@dfr.com.au
- 24: Inside Monash Seminar Series, Science, Clayton campus, <http://bit.ly/29YsVhe>
- 26 - 28: SpotJobs Career Expo, Melbourne Exhibition Centre, Southbank, <http://bit.ly/1K04jo4>

SEPTEMBER

- 3: Day in the Life Creative Workshops, Billy Blue College of Design, Melbourne, <http://bit.ly/2ao6FDF>
- 13: Inside Monash Seminar Series, Teaching, Clayton campus, <http://bit.ly/29YsVhe>
- 13 - 15: ConocoPhillips Science Experience, Swinburne University, Hawthorn, <http://bit.ly/2ap3Cau>
- 19 - 25: NIDA drama workshops, Melbourne, <http://bit.ly/22yVXtr>
- 20 - 22: ConocoPhillips Science Experience, Federation University, Gippsland, <http://bit.ly/2ap3Cau>
- 22, 23: Audition Masterclass, Federation University, Ballarat, <http://bit.ly/29IQOcx>