

Weekly Careers Newsletter

26th July 2017

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**OPEN DAY DATES**

**FOCUS ON CYBERSECURITY**

Please find below dates for upcoming open days.

**July**

- 30: UTAS, Hobart, <http://bit.ly/1tGD3B8>
- 30: Swinburne University, Hawthorn, <http://bit.ly/1FRMN40>

**August**

- 4, 6: La Trobe University, Shepparton (4), Melbourne (6), <http://bit.ly/1BGrG35>
- 5, 6: Monash University, Peninsula (5), Clayton & Caulfield (6), <http://bit.ly/2aVcXJc>
- 5: SAE Qantm, Melbourne, <http://bit.ly/2rhSKo3>
- 5: Australian Institute of Music, Melbourne, [www.aim.edu.au/](http://www.aim.edu.au/)
- 6: UTAS, Cradle Coast, <http://bit.ly/1tGD3B8>
- 6: Deakin University, Warrnambool, <http://bit.ly/1N0i0kr>

This information is for students applying for Victorian tertiary courses.

**YEAR 12 – KEY DATES**

- 31 July: Early Entry applications close for Australian Catholic University, <http://bit.ly/2kPLY2t>
- 7 August: Victorian Tertiary Admission Centre (VTAC) applications open for undergraduate courses, scholarships, Special Entry Access Schemes (SEAS) etc., [www.vtac.edu.au/](http://www.vtac.edu.au/)
- 7 August: Early Entry applications open for Victoria University, <http://bit.ly/2tDz9Bo> and RMIT, <http://bit.ly/2vAPIVT> (selected schools only).
- 31 August: Early Entry applications close for La Trobe University, <http://bit.ly/1cXetap>

**Have you considered studying cybersecurity?**

If you love maths, IT, solving problems, thinking 'outside the square' and working as part of a team, then you may be suited to working in cybersecurity.

Cybersecurity is one of the fastest growing industries in information and communication technologies. Demand for skilled professionals is booming with the rise of cloud computing, artificial intelligence, device interconnectivity and global cyber terrorism.

Graduates can work in industries such as national security, banking and finance, telecommunications, health care, retail, and law and specialists can earn excellent salaries.

**Where can I study cybersecurity?**

The following are examples of undergraduate cybersecurity courses in Victoria

**Deakin University**

- You can study the three-year Bachelor of Cyber Security or combine this course with a Bachelor of Criminology. You can also study the three-year Bachelor of Information Technology with a major in Security, <http://bit.ly/2pEyRbl>

**La Trobe University**

- You can study the three-year Bachelor of Cybersecurity or combine this course with the Bachelor of Commerce or the Bachelor of Psychological Science. Learn more about the degree on pages 20-23 of the 2018 Undergraduate Course Guide, <http://bit.ly/2rwRz5l>



**Swinburne University**

- You can study the three-year Bachelor of Computer Science with a major in Cybersecurity. You can combine this course with one of the following Bachelor degrees – Engineering (Honours) (including Software and Telecommunications), Laws, or Games and Interactivity.
- Students can also apply for the Bachelor of Computer Science (Professional) with a major in Cybersecurity. Students will be guaranteed access to one year of paid industry experience.

Course information, <http://bit.ly/2uYJyrN>

**Cybersecurity resources**

**Careers with Code magazine:** Has several excellent articles on studying cybersecurity and has profiles of young people working in different industries, <http://bit.ly/2tT2Qd4>

**Deakin University** recently published an excellent article ‘Algorithms – digital detectives in the fight against terrorism’, <http://bit.ly/2tCTG9b>

**Course search** – Victoria, [www.vtac.edu.au/](http://www.vtac.edu.au/)

**Course search** – NSW & ACT, [www.uac.edu.au/](http://www.uac.edu.au/)

**Are you considering applying for undergraduate medicine at Monash University?**

Interview dates have been released for Victorian and interstate students - <http://bit.ly/1ebkP6v>

**Are you currently in Year 12 and considering further study post school?**

You are now able to search for Victorian university and vocational courses that will be offered in 2018 via the Victorian Tertiary Admissions Centre (VTAC) – [www.vtac.edu.au](http://www.vtac.edu.au)

**Australian Apprenticeship Pathways:**

This site enables you to undertake apprenticeship aptitude tests, find local apprenticeship and group training centres, and learn about different trade occupations, [www.aapathways.com.au/](http://www.aapathways.com.au/)

**Interested in the environment, design, communication, and sociology?**

You may be interested in studying urban and regional planning in the future.

“Urban and regional planners develop policies and plans for the use of land and resources. They advise on the economic, environmental, social and cultural needs of particular localities or regions as they relate to the built environment and the community.

They also work on large-scale projects such as new suburbs, towns, industrial areas, commercial and retail developments, urban renewal projects and transportation links”, <http://bit.ly/29YwJPO>

The following are examples of planning courses you can study in Victoria:

- Bachelor of Urban, Rural, and Environmental Planning, La Trobe University, Bendigo, <http://bit.ly/1PILAGQ>
- Bachelor of Design (majoring in Urban Planning), > Master of Urban Planning, University of Melbourne, <http://bdes.unimelb.edu.au/>
- Bachelor of Urban and Regional Planning (Honours), RMIT, <http://bit.ly/2a4LW71>

**VOCATIONAL & HIGHER EDUCATION NEWS**

**Deakin Explore:**

You can search for careers by course, occupation, what type of work would be important to you (e.g., conserving the environment), and by broad interest area (e.g., business). Once you click on an occupation that interests you, you will be given a list of Deakin University courses that could lead you to this career, <http://explore.deakin.edu.au/>

**La Trobe Young Writers’ Award-**

If you are in Year 10 and attend a school in Victoria or on the NSW border, you are eligible to enter the Young Writers’ Awards. This year’s theme is ‘Roads’. Entries close Friday 25 August. For information about the competition and how to enter, go to <http://bit.ly/2tucmDX>

**Defence Jobs:**

This site enables you to explore occupations, courses and technical trades in the Army, Navy and Air Force, [www.defencejobs.gov.au/](http://www.defencejobs.gov.au/)

**Bullseye posters:**

You can explore occupations related to your favourite subjects such as English, Mathematics, Food Studies and Art. Click on the occupation title in the bullseye to explore the career area, <http://bit.ly/1svwa98>

**New courses at La Trobe University**

- The **Bachelor of Engineering Honours (Industrial)** will be offered at the Melbourne and Bendigo campuses from 2018. This is the only course of its kind in Australia. The focus of the degree will be on engineering design and problem solving, renewable energy design, electrical and electronic engineering, robotic system design, and engineering innovation. Information will be available on the La Trobe website soon.
- The **Bachelor of Paramedicine (Honours)** will replace the current Bachelor of Paramedicine/ Bachelor of Public Health in 2018. This will be the only Paramedicine course in Australia with Honours built into the Bachelor. Students will be immersed in a curriculum covering paediatrics, obstetrics, advanced mental health, gerontology and special needs, extended care paramedicine, community paramedicine and public health promotion. Information will be available on the La Trobe website soon.

**Undergraduate teaching at Deakin:**

For the 2018 intake, students will be required to complete the CASPer test as part of the application process. Deakin hasn't released full details yet, but you can use this link to familiarise yourself with the test - <http://bit.ly/2uQz5hf> Other universities may also require students to complete this test.

Applicants will need to have access to a computer and possibly a webcam or video recording equipment. If you don't have these resources, please speak to your Career Adviser as soon as possible. There may also be a cost involved with completing the test.

Contact the university you would like to study education at to find out if you will need to take the CASPer test.

**Experience Days at Kangan Institute:** Kangan is a TAFE with several campuses across Victoria. The Institute is running the following experiences days in August:

- 3: Docklands campus, automotive focus
- 11: Broadmeadows campus, varied workshops
- 25: Moonee Ponds, health focus
- 31: Richmond campus, creative focus

For information and to register your place, go to <http://bit.ly/2ttNFrp>

**The Indigenous Australian Engineering Summer School** will be held at the University of Sydney between 14 – 20 January 2018. This program is for Indigenous students who will be entering Years 10, 11 or 12 in 2018. The program is fully funded and entries close 6 October. For more information and to apply, go to <http://bit.ly/2am3tWK>

UPCOMING EVENTS

**JULY**

**29: Nursing & Midwifery Information Sessions,** Deakin University, Melbourne & Geelong Waterfront, <http://bit.ly/2qHNIHe>

**AUGUST**

**2: Exercise & Nutrition Sciences Information Session,** Deakin University, Geelong Waurin Ponds, <http://bit.ly/2qHNIHe>

**3, 11, 25, 31: Experience Days, Kangan Institute:** automotive focus, Docklands (3), varied workshops, Broadmeadows (11), health focus, Moonee Ponds (25), creative focus, Richmond (31), <http://bit.ly/2ttNFrp>

**11: Health Information Sessions,** Deakin University, Nursing & Midwifery, Psychology, and Health Sciences, Warrnambool, <http://bit.ly/2qHNIHe>

**13, 31: Inside Monash Seminars,** Monash University, Music (15), Education (31), and Science & Careers (31), <http://bit.ly/2ki2NYw>

**12 – 20: National Science Week,** [www.scienceweek.net.au](http://www.scienceweek.net.au)