



St Andrews Christian College Careers Newsletter No. 8

Friday 11 May 2018

St Andrews Career Guidance and Pathways Program

At St Andrews we teach our students that each is an individual, created in the image of God with a unique purpose to fulfil as part of a great picture.

I am passionate about supporting our students to reach their career goals and ensure they receive all relevant information to help them prepare for the future. In Careers Newsletters I provide information about the latest offerings from universities and TAFE's, upcoming Expos, Open Days and workshops and it is inspiring to hear students' comments about the programs and workshops they've attended.

I've asked three Senior School students, Robert Vardapetyan, Yr. 10, Mykaela Coppens, Yr. 11 and Raaya Singh, Yr. 12, to share about what they did during the Term One school holidays and here are their reflections:

'Hands on Engineering and IT' - The University of Melbourne

Robert Vardapetyan, Yr. 10

On Friday the 6th of April, I travelled to the Parkville campus of Melbourne University to experience the Hands on Engineering & IT Workshop recommended and arranged for me by none other than Mrs Yevlahova herself. When I arrived at the registration desk in the Old Engineering building I saw students from all around Victoria, I met Jack from Ballarat and Anton from Werribee just to give some perspective on the diversity of the students attending. The first workshop we attended was hosted by a man from Denmark, Harald Sondergaard who

spoke to the 30-40 of us about cryptography. It really was enlightening to learn about the charms of data transfer and encryption and decryption. Moving on, after our 15 minute break concluded we made our way back into the Old Engineering building to participate in a workshop of App development led by app developer Greg Wadley. We then synchronized our app coding to our phones using the MIT's App Inventor application and tested out are apps, my partner and I managed to create a direction sensory oriented ball game just to give you a taste of the depth of app development we achieved.

During the lunch break we visited a literal workshop managed by mechanical engineering students who built 1-2 lesser Formula 1 style race cars every year. They provided us with a tour of their workshop and explained to us some of the processes of creating the chassis of the race car. After lunch we headed up back to the Old Engineering building and made bridges out of plastic parts in comparison to the role of a structural or civil engineer and we tested each group's bridge design to see which could hold the most weight before collapsing. After some experimentation with the plastic parts making rigid or flimsy bridges, it was 3pm and we made our way to a lecture hall to conclude the overall Engineering and IT workshop as well as to present participation certificates to all the attending students.

Overall, it was a very pleasant experience, experiencing the vibrant atmosphere of the busy university student life, travelling to the city independently from Ringwood Station to Melbourne Central and just absorbing all the knowledge there was to absorb regarding the workshop and its various utilities.

Robert Vardapetyan, Year 10



Mykaela Coppens, Yr. 11, 'Step on Campus' Deakin University

Before reading the 19th of March 2018 St Andrews Careers Newsletter I wasn't aware of the Deakin 'Step on Campus' tour. It opened my eyes to an opportunity to walk around campus and learn more about university life. By specifying the courses I was interested in, I signed up to the appropriate free tour using the available link. I went to my tour on the Burwood Deakin campus and was guided by two current students studying in the biomedical science field. They walked myself and ten or so others around the campus, showing us the facilities, library, labs and study rooms. They also explained the day to day life typical to University students including those with part time jobs, explaining Deakin's flexibility and support with online resources and lectures. It was a really rewarding experience that was made easily available by the Careers Newsletter run by Mrs Yevlahova. After the tour I looked through the information pack that I was given, going over it again and again with highlighters. Before this experience I had little to no clue what I wanted to do after school. I now have a direction that I want to take. I'm aiming to accelerate Health Practice and Research through the online campus in year 12. After school and taking a year off I want to pursue Deakin's Bachelor of Public Health and Health Promotion to continue following subjects that interest me, equipping myself for a future career that I enjoy.

Thank you so much Mrs Yevlahova for providing me with such easy access to these valuable resources.

Mykaela Coppens, Year 11



Raaya Singh, Yr. 12, 'Business Scholars Day' Monash University

Over the school holidays, it was a great privilege to attend an elite event at Monash University. Held at the CBD on a glorious day, Year 12 students from different parts of Victoria, experienced the life of a business student at Monash University. Some of the workshops that were offered included: International Business, Accounting, Economics and Business Management. It was interesting to see just how applicable theory taught in VCE is in business scenarios.

It was a great opportunity to build upon academic skills and knowledge, attend workshops taught by leaders in their field and discover more about what Monash Business School can offer.

Raaya Singh, Year 12



Universities offer a range of hands-on events, specifically designed for Senior School students to explore the university and investigate courses and career areas. It is a chance to ask questions, take part in a workshop and get an advice tailored to your interests. Careers Newsletter is a great resource for our students and it is available to students on Canvas, emailed to all Senior School parents, and is included in every school newsletter for the school community.

The event below will be held at Deakin University during the next school holidays. Aimed at Year 10, 11 and 12 students, it is designed to empower students to reach their potential and inspire them with exciting ideas of how their future could look.



A unique one-day event to inspire young minds

Melbourne Burwood Campus Tuesday 3 July 2018

Geelong Waurin Ponds Campus Thursday 5 July 2018

DeakInspire, is an event specially designed to inspire, motivate and engage students in Years 10, 11 and 12. **DeakInspire** will provide students with a head-start on their study and personal career goals.

On the day, students will get the opportunity to:

- 1. Transform their way of thinking**
- 2. Connect with meaningful experiences**
- 3. Explore their study options**

DeakInspire is a FREE event! Lunch and entertainment will be provided.

For a better idea of what **DeakInspire** involves, have a look at the [DeakInspire promo video](#).

To find out more, or to register, visit [DeakInspire](#)



Law Week 2018

Law Week is an annual festival of events which makes learning about the law easy. Held in May each year, the seven-day program has something for everyone. This year **Law Week** will take place from **Monday 14 May – Sunday 20 May 2018**.

Students get to *go behind the scenes of the Victorian legal system* and check out what the law is all about. Find *legal answers on everyday issues*, attend *mock-trials*, attend *mock bail-hearings*, *learn* about the types of crimes that may be motivated by race or religion, and so much more.

To find out more about all the activities on offer, visit [Law Week 2018](#)



Date: Tuesday 26th June

Time: 9:00am – 3:30pm

Location: RSPCA Education Centre, Burwood East

Cost: \$65 includes registration, morning tea, RSPCA career show bag, and all activity costs.

For more information and to book, visit : <https://weteachme.com/rspcavictoria/1016624-animal-career-discovery-day>.

➤ **Community Achiever Program (CAP)**

As a Year 12 student, do you demonstrate leadership in your school or workplace, coordinate a community initiative, volunteer in a local cultural, sporting or religious group or provide care to someone in need? ACU's **Community Achiever Program** is designed to acknowledge commitment to our local communities.

The **Community Achiever Program (CAP)** recognises a students' potential to achieve great things. A successful CAP application means a student could receive a provisional university offer as early as August to study at ACU. Being part of this CAP group also offers successful students unique opportunities to enhance their leadership and volunteering skills, while they study at ACU. Should an application be successful, the required ATARs would be as follows:

Degree	ATAR
• Law and dual Law degrees	70.00
• Physiotherapy*	70.00
• Occupational Therapy*	65.00
• Paramedicine in Victoria*	58.50
• Speech Pathology*	65.00
ALL OTHER degrees	58.50

** Numbers are capped*

CAP applications to study in 2019

- **Open** – Tuesday 1 May 2018
- **Close** - Midnight Tuesday 31 July 2018
- **Offers released** by end of August 2018

Students are encouraged to start gathering their required documentation now to submit with along their application. Failure to meet all the requirements for the CAP will result in not being considered for the program.

Find out more at [Community Achiever Program \(CAP\)](#)

➤ **Passion for Business (P4B) Early Entry 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 for the P4B Program.

Benefits of the program include:

- early offer into an ACU P4B course
- access to Academic Skills workshops, the CareerHub and networking events
- study abroad opportunities
- \$500 textbook voucher awarded to the top three P4B students at the end of Semester 1
- invitation to an ACU P4B welcome event

Eligible P4B Courses:

- Bachelor of Commerce
- Bachelor of Business Administration
- Bachelor of IT
- Bachelor of Accounting and Finance
- Bachelor of Commerce/Bachelor of Business Administration
- Bachelor of Commerce/Bachelor of Arts
- Bachelor of IT/Bachelor of Business Administration

Applications for Passion for Business (P4B) for 2019 open on Tuesday 1 May 2018.

Find out more about the P4B program, and the application process at

[Passion for Business \(P4B\) Early Entry Program](#)

➤ **Passion for Law (P4L) Early Entry Program**

Passion for Law (P4L) is a guaranteed early entry program for students passionate about studying law and designed to nurture their learning potential and give them a step up in their future law career.

Benefits of the program include:

- early offer for an ACU law degree
- access to Academic Skills workshops, the CareerHub, and network events
- taking part in study abroad opportunities
- participating in the pro bono program
- \$500 textbook voucher to the top three P4L students at the end of Semester 1
- invitation to an ACU P4L welcome event

Eligible P4L Courses:

- Bachelor of Laws
- Bachelor of Arts/Bachelor of Laws
- Bachelor of Biomedical Science/Bachelor of Laws
- Bachelor of Business Administration/Bachelor of Laws
- Bachelor of Commerce/Bachelor of Laws
- Bachelor of Laws/Bachelor of Global Studies
- Bachelor of Psychological Science/Bachelor of Laws
- Bachelor of Theology/Bachelor of Laws

Applications for Passion for Law (P4L) for 2019 open on Tuesday 1 May 2018. Find out more about the P4L program, and the application process at

[Passion for Law \(P4L\) Early Entry Program](#)



Year 11 & 12 Winter School Programs

[The School for Excellence](#) has a number of revision and head start programs coming up during the winter break, and registration for these programs have already opened. There will also be a *free** lecture held on Saturday 16 June 2018 at the University of Melbourne titled [Maximising Examination Marks](#). Valued at **over \$150**, this lecture is ***FREE** when students make a \$10 donation to [The Fred Hollows Foundation](#) on the day.



News from Swinburne University

➤ **Sport Development/Leadership and Management**

This unique dual diploma is designed to complement your development as an athlete with a strong emphasis on experiential learning and practical skills and a focus on management and leadership capabilities. The program is aimed at developing the next generation of leaders within the sports industry and delivered by Richmond Institute of Sports Leadership and Swinburne University of Technology. Students will have access to state-of-the-art high performance training, teaching and learning facilities. In addition, they will gain an industry placement and on successful completion of the dual diploma, be eligible for a guaranteed university pathway into selected Bachelor courses.

Applications for the 2019 intake will open on Sunday May 13 2018 at the [Richmond Institute of Sport Leadership Open Day](#). Register and/or find out more at [Diploma Sport Development/Diploma Leadership and Management](#)

➤ **Architecture at Swinburne**

From crafting areas that promote wellbeing, to engineering bridges and designing interiors for the future – choose a course in Built Environment and Architecture at Swinburne, and you'll learn how to apply innovation in spaces far and wide.

Swinburne offers a range of architecture-related courses. Two such courses are –

The [Bachelor of Design \(Architecture\)](#) that focuses on building design, and students get to *tackle digital technology, environmental awareness, construction, practice, ethics, history and theory* as they gain skills for the future of architecture.

The [Bachelor of Architectural Engineering](#) allows students to not only design the aesthetics of buildings, but also learn foundational engineering disciplines too.



Career as an Architect

Architects use creativity and a practical understanding of structures and materials to develop concepts, plans, specifications and detailed drawings for buildings and other structures. They negotiate with builders and planning authorities, administer building contracts and inspect work that has been carried out. To become an architect, you usually have to complete an accredited degree in architecture. This usually consists of a degree in arts or design with a major in architecture, followed by a Master of Architecture. Completion of a Master's degree meets the academic requirements for registration as an architect in Australia. [Good Universities Guide - Architecture](#)

The duties of an architect include –

- meeting with clients or builders to discuss their requirements and prepare a design brief
- prepare sketches, production drawings and detailed drawings by hand or using computer-aided design (CAD) software
- combine structural, mechanical and artistic elements into a building's design, such as decks and atriums, lifts, air conditioning systems and decorative finishes
- discuss designs and cost estimates with clients and others involved in the project
- obtain necessary approvals from authorities
- prepare specifications and contract documents for builders, tradespeople and legal advisers

Sometime students opt to become an **Architectural Draftsperson** and this role involves completing architects' and other designers' concepts by preparing documents (drawings or plans) and liaising with builders and contractors - [Good Universities Guide - Architectural Draftsperson](#). Most often, a TAFE qualification – **Advanced Diploma of Building Design (Architectural)** – is required to fulfil this role, and in Victoria this diploma is offered at a number of institutions including Box Hill Institute, Holmesglen Institute, Federation University, RMIT University, Swinburne University, and Victoria University.

Successful architectural drafts people need to -

- *be able to visualise ideas in three-dimensional form*
- *enjoy technical drawing and working with technology*
- *be able to draw neatly and accurately*
- *have good concentration and attention to detail*
- *have some artistic talent in freehand drawing*

In the case of either of these two roles, both include liaising with other designers and specialists throughout the building process, such as structural and civil engineers; electrical, mechanical and hydraulic consultants; builders; surveyors; and landscapers.



Architecture, Construction & Surveying Degrees in Victoria

Below is a list of some single undergraduate degrees in architecture, building & construction, and surveying. To find out about all architecture, building & construction, and surveying courses on offer (including double degree options) at both TAFEs and universities, visit [VTAC](http://www.vtac.edu.au). Students are encouraged to explore pathway courses to these degrees.

INSTITUTION	COURSE	VCE PREREQUISITES	2018 ENTRY REQUIREMENTS
Deakin (Geelong Waterfront Campus)	Architecture	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR 70.05
	Construction Management	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR 60.65
Holmesglen (Chadstone Campus)	Building Surveying	n/a	ATAR n/a Personal Statement
	Construction Management and Economics	n/a	ATAR n/a Personal Statement
Monash (Caulfield Campus)	Architectural Design	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR 80.00
RMIT (City Campus)	Architectural Design	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR R.C. Pre-Selection Kit Interview (some)
	Landscape Architecture	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR R.C. Pre-Selection Kit Folio Presentation (some)
	Construction Management	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: satisfactory completion of any Mathematics.	ATAR 80.05
	Surveying	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods (any) or Maths: Specialist Mathematics.	ATAR 75.90
Swinburne (Hawthorn Campus)	Architecture	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR R.C. Online Digital Portfolio
	Interior Architecture	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Art, Product Design And Technology, Media, Interactive Digital Media C, Creative And Digital Media (VCE VET) I, Studio Arts, Systems Engineering or Visual Communication Design.	ATAR 77.10
University of Melbourne (Parkville Campus)	Design	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL	ATAR 86.20
Victoria University (Footscray Park Campus)	Building Surveying	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR n/a
	Construction Management	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR n/a

Graphic, Interior & Visual Design Degrees in Victoria

UNIVERSITY	VCE PREREQUISITE SUBJECTS	SELECTION CRITERIA FOR 2018
ACU M – Melbourne Campus	Creative Arts (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	59.65 (M) Selection: ATAR
	Visual Arts and Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Art, Studio Arts or Visual Communication Design.)	58.80 (M) Selection: ATAR
DEAKIN GW – Geelong Waterfront M – Melbourne Campus	Visual Arts (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)	Range of Criteria (GW) and (M) Selection: Folio & statement, and ATAR
	Visual Communication (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)	Range of Criteria (GW) and (M) Selection: Online Folio, and ATAR
LA TROBE B – Bendigo Campus M – Mildura Campus	Creative Arts (Visual Arts) (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Range of Criteria (B) and (M) Selection: Folio, Interview, and ATAR
MONASH C – Caulfield Campus	Communication Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	74.00 (C) Selection: ATAR
	Fine Arts (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	Range of Criteria (C) Selection: Supplementary Form, Folio, Interview, and ATAR
RMIT M – Melbourne Campus	Communication Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Range of Criteria (M) Selection: Preselection kit, Folio Presentation, and ATAR
	Graphic Design Associate Degree (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Range of Criteria (M) Selection: Selection kit, Folio Presentation, and ATAR
	Interior Decoration & Design Associate Degree (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Range of Criteria (M) Selection: Selection kit, Folio and ATAR
	Interior Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Range of Criteria (M) Selection: Selection kit, Folio and ATAR
SWINBURNE H – Hawthorn Campus	Communication Design (Honours) (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Art, Product Design And Technology, Media, Interactive Digital Media C, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.)	94.40 (H) Selection: ATAR
	Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Art, Product Design And Technology, Media, Interactive Digital Media C, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.)	65.20 (H) Selection: ATAR
UNI MELBOURNE P – Parkville Campus VCA – Victorian College of the Arts in Southbank	Design – (Units 3 & 4: A study score of at least 25 in English/English Language/Literature or at least 30 in EAL.) * For major in Digital technologies or Graphic design	88.25 (P) Selection: ATAR
	Fine Arts (Visual Art) at the VCA (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	Range of Criteria (VCA) Selection: Supplementary Form, Folio and Interview, and ATAR