



Wyndham Central College Career News

No. 12: 19 August 2018

PATHWAYS INTERVIEWS/PROGRAMS...

The initial Year 12 Pathways Interviews were completed in Term 1. Year 12's are now invited to stop by the Careers Centre to follow up on the discussions, research, etc. The VTAC Application Process and Other Pathways Application Process has commenced this term. Each student will be meeting with Mrs Karlovic, the Pathways & Transitions Leader, to complete their pathway applications via VTAC or direct entry. Information was disseminated via assemblies for both Students (on Thursday 2 August) and Parents (on Thursday evening, 2 August, 7pm in our Auditorium) by Mrs Karlovic.

All Year 12 students have attended the Tertiary Information Service (TIS) Event on Thursday 19 July, held at Victoria University, Footscray Park Campus. The TIS event is an introduction to the VTAC Application Process followed by a mini tertiary institutional expo.

All Year 9, 10 & 11 students are also invited to stop by the Careers Centre to book a pathways interview, visit the Careers Reference Centre, collect tertiary handbooks/brochures, etc.

The Careers Program, which officially commenced last term for these year levels with an Introductory Careers Assembly, was administered via their CAPs/MIPS classes. A letter was sent home to parents/guardians via students outlining the Careers Program. The purpose of this program for the Year 9, 10 & 11 students was to investigate career pathways and to select the appropriate electives or programs, either VCE or VCAL and subjects to study in Year 11 or 12, if the VCE program is selected. For the Year 11 students it is important for them to confirm that they have selected the correct program/subjects and to make an informed decision as to which subject they will not continue with the following year (in Year 12). Subject Selection Counselling for all Year 9, 10 & 11 students with their parents was held during Careers/Pathways Week on Thursday evening, 26th July. Letters were sent home advising parents of the details. The Pathways Week consisted of a Pathways Expo with an applied and academic focus, a Subject Expo highlighting the programs and subjects on offer at Wyndham Central College for all our Year 9, 10 & 11 students and VCE/VCAL Subject Tasters for our current Year 10 students.

The Careers Centre is open to all students throughout the school day. It is run via interview bookings to ensure students' needs are met. Students may also stop by – an open door policy – for a quick chat, followed by an appointment booking if necessary.

CareerNews Key Dates & Reminders

Key Dates: For all Students:

'Inside Monash' Seminar Series

Running until September.

For more info and to register visit: <https://www.monash.edu/inside-monash>

Melbourne Polytechnic

VCE/VET Music Industry

Exam Prep Workshops (Performance & Sound Production)

When: 31st August & 5th of September

For details and registration visit:

<https://docs.google.com/forms/d/e/1FAIpQLScssEpULWQ-1d8RETgXPuYLzeeCwOI7oKwGOPRQ-7tf8g3U4Q/viewform>

Passion for Fashion?

Kangan Institute's Rags to Runway Great Southern Style show is on Tuesday 4th September. Call 1300 423 883 to register your interest.

Kangan Institute's September Open Nights

To express your interest in attending visit:

http://events.kangan.edu.au/open-nights-2018-sep?utm_campaign=KI-2018-Newsletter-SchoolsNewsletter-July&utm_medium=email&utm_source=Eloqua

Reminders: For all VCE Students

Swinburne Advice Nights

August is 'Year 12 Advice Month'.

Chat one-on-one with specialist staff and discover more about your ideal course, applying for university and all about student life at Swinburne.

<https://www.swinburne.edu.au/choose/#events>

La Trobe University - VCE Plus Program

For those Year 11 students wishing to include two university subjects in your studies during Year 12. Please refer to the information further down,

Open Days

University and TAFE Open Days have commenced! Be sure to attend these days to help you decide which institution best suits you. For remaining open days, refer to our 2018 Open Day table further down.

Key VTAC Dates: For all VCE Students:

Course, SEAS & scholarship applications have opened!

Timely applications close – Thursday 27th September

Late applications open – Thursday 27th September

Late applications close – Friday 2nd November

SEAS applications close – Friday 12th October

Werribee SEAS Information Evening for Students & Parents

Deakin University are hosting a special information evening for Year 11 and 12 students and their families and carers on Thursday 13 September. The information will focus on the Victorian

Tertiary Admissions Centre (VTAC) Special Entry Access Scheme (SEAS) and University Fees and Scholarships.

SEAS aims to make the university selection process fairer for students who have experienced circumstances that have impacted their education. As your child attends a Deakin Engagement and Access Program (DEAP) partner school, they are eligible under at least one category to apply for SEAS.

This information session will provide in depth information on preparing SEAS applications, information about Fees and the Higher Education Contribution scheme (HECS), Deakin Scholarships and the application process.

You will also have the opportunity to speak with Deakin staff and hear directly from a representative from the VTAC Scholarships selection committee.

Please see the Eventbrite's for our upcoming SEAS, Fees & Scholarships sessions.

Werribee: <http://bit.do/deakin-vce-werribee>

News & Updates

CASper Test for entry into Education

The CASper test is an online tool designed to evaluate key personal and professional characteristics of all applicants applying for courses in Medicine, Veterinary Science and Education. It has been found that traditional evaluation methods (interviews, letters and references) have been ineffective. Whereas the CASper test provides a reliable measure of traits like professionalism, ethics, communication and empathy, reviewing characteristics that make for successful students and graduates. Comprising of 12 sections, each section contains either a video-based scenario or a word-based scenario (i.e. a statement to consider), followed by a series of 3 probing questions.

There are technical (computer and internet) and security requirements and that you will need to follow, to ensure you complete the test correctly.

The universities that are using CASper for the 2019 admission cycle are; Australian Catholic University, Deakin University, Federation University, La Trobe University, Monash University, RMIT, Swinburne and Victoria University. If Education is on your list of preferences, please visit the CASper website to diarise your test date and read further on test preparation:

<https://takecasper.com/aboutcasper/>

Also, Mrs Karlovic has prepared a CASper package for students interested in Education courses.

Pathway's into Education

If you don't achieve the required ATAR to gain entry into your Education degree, remember you can consider the below Diploma's at RMIT and Victoria University.

[RMIT - Diploma of Teacher Education Preparation](#)

This diploma provides a pathway into the Bachelor of Education with the opportunity for students to obtain credits in the RMIT Bachelor of Education (Early Childhood, Primary or Disability). Applications for this one is via VTAC.

Victoria University Polytechnic - Diploma of Teacher Education Preparation (22451VIC)

Upon completion of this course, students are qualified to work as education support workers and are also eligible for guaranteed entry into the following Vic Uni's undergraduate education courses:

- Bachelor of Early Childhood Education (with up to 24 credit points/2 units of study) or
- Bachelor of Education Studies (with up to 24 credit points/2 units of study)

Applications are to be made directly with Vic Uni, please visit:

<https://www.vu.edu.au/courses/diploma-of-teacher-education-preparation-22451vic>

La Trobe University Update

La Trobe's Aspire Program

Applications for Latrobe's Aspire Program are still open and will be closing on Friday the 31st of August. If you are currently preparing your application, please check that you have nominated an 'Aspire Contact' at your school (a contact who receives all Aspire applications for endorsement). If you need to change your Aspire contact, please email aspire@latrobe.edu.au

La Trobe's Scholarships Update

Don't forget! La Trobe have a **Vice-Chancellor's Excellence Scholarship program** rewarding students for outstanding academic achievement. In 2019 La Trobe will be offering up to 60 scholarships to high-achieving Year 12 students. Those with a minimum ATAR of 80, who apply for an undergraduate course in the following areas will automatically be assessed (no need to apply):

- Arts, Social Sciences & Communications
- Business & Commerce
- Teaching & Education
- Health Sciences
- Information Technology & Engineering
- Law & Criminology
- Science & Psychology

To review your eligibility visit: <https://www.latrobe.edu.au/scholarships/la-trobe-vice-chancellors-excellence-scholarship>

RMIT Update

Elite Athlete Entrants Program

Applications for the EAEP can be made on the RMIT website and must be received by Sunday 16 December 2018 for Semester 1, 2019. If you have any specific questions about the program you can email elite.athletes@rmit.edu.au

Experience Surveying

RMIT are hosting monthly hands-on opportunities for future students to find out about the growing field of Surveying. Interested students are welcome to register to attend these free events held once a month in Yarra Bend Park.

Next session is on Thursday 6th September

at RMIT University Field Station, Yarra Bend Park - 201 Yarra Bend Road in Fairfield.

For more information, contact:

Thierry Demathieu (Program Manager) on 9925 8359 or thierry.demathieu@rmit.edu.au

To register:

<https://www.eventbrite.com.au/e/experience-surveying-at-yarra-bend-park-2018-tickets-43375485244>

Swinburne Update

Have you not completed Further Math's which is required for your preferred course?

Swinburne offers 'Mathslink', a bridging program for students needing VCE Units 3 and 4

Further Mathematics to study at Swinburne. The course runs for 7 weeks online with some contact hours and the next intake is in January 2019. To enquire further visit:

<https://www.swinburne.edu.au/study/options/connect/email/>

Endota Wellness College for Beauty Therapy

The Endota Spa Group now have launched a Endota Wellness College (EWC) with campuses in Melbourne and Canberra. Offering nationally recognised training in Beauty Therapy - Retail Cosmetics, Remedial Massage, Business – Salon Management and Makeup – Screen and Media, there are full time and part time (including evening) options available.

Some of EWC's courses are partially government subsidised and VET student loans (Fee-Help) are available. To review the requirements and application process visit:

<http://endotawellnesscollege.edu.au/>

Federation University Update

Visual Arts Folio Presentations & Performing Arts Auditions

Folio and interview applications are open for the Bachelor of Contemporary Communication Design and Bachelor of Contemporary Visual Arts. Audition applications are also open for the Bachelor of Contemporary Performance Practice.

Scholarships update

Federation University's School of Science, Engineering and Information Technology supports their students with a range of scholarships valued up to \$12,000 including:

- Women in Information Technology/Engineering Scholarships
- Engineering
- Information Technology

Geoscience

- Mathematics

There are also 'High Achievers' scholarships available for students who achieve an adjusted ATAR above 80.00.

To read more visit: <https://federation.edu.au/schools/school-of-science-engineering-and-information-technology/student-resources/scholarships>

Chisholm Update

The first year of your degree could be free!

Chisholm's Diploma's in Accounting, Community Services and Nursing are all on the Government's 2019 'Free TAFE' list. Some diplomas may lead into the La Trobe pathway degrees, this means that you can potentially receive the first year of your degree free by doing the diploma first. Many of Chisholm's diplomas attract credits from other universities also. You can contact Tania Pearce for more details. tania.pearce@chisholm.edu.au

Quick links for Year 12 Students

Instructional YouTube links for VTAC applications:

<https://www.youtube.com/watch?v=omthlvllaJc>

<https://www.youtube.com/watch?v=2MRbS1Om4Oc>

Study score calculator (App):

<https://itunes.apple.com/au/app/study-score-calculator/id1282878794?mt=8>

VTAC App: <https://itunes.apple.com/au/app/vtac/id1119361879?mt=8>

Researching universities: <https://www.topuniversities.com/courses/engineering/guide>

Deakin Update

New Diploma's

Are you interested in Construction Management?

Like other institutions, Deakin University have been working on developing pathways for students who have not met entry requirements for their preferred course at an Australian University.

At Deakin's Geelong Waterfront campus, you can now complete an 8-12-month Diploma in Construction Management and be considered for entry into second year of university study. Deakin's Diploma of Construction Management builds the foundation for further study in Construction Management (Honours) at Deakin University.

The following Diplomas are now being offered at Deakin's Burwood campus, providing students a pathway into relevant Bachelor Degree's:

- Diploma of Film, Television and Animation – Articulates into 2nd year of Bachelor of Film, Television and Animation.
- Diploma of Information Technology – Articulates into 2nd year of Bachelor of Computer Science, Bachelor of Information Technology and Bachelor of Cyber Security.
- Diploma of Design – (50 WAM) Articulates into 2nd year of Bachelor of Design (3D Animation), Bachelor of Design (Digital Technologies) and Bachelor of Design (Visual Communication).
- Diploma of Communication – (50 WAM) Articulates into 2nd year of Bachelor of Communication (Advertising), Bachelor of Communication (Digital Media), Bachelor of Communication (Journalism), Bachelor of Communication (Public Relations).
- Diploma of Business (60 WAM Burwood) (50 WAM Geelong) – Articulates into 2nd year of Bachelor of Business and majors include; Events Management, Film & Television, Organisational Psychology, Project Management, Property & Real Estate, People Management, Public Relations and Retail Management.

To learn more about entry requirements, contact Deakin

<http://discover.deakin.edu.au/Student-Enquiry.html>

Remaining Open Days 2018

INSTITUTION	DATE
Australian Catholic University Ballarat Campus	Sunday 26 August
Box Hill Institute of TAFE Box Hill Campus	Sunday 26 August
Chisholm Institute Berwick Campus Frankston Campus	Monday 27 August Tuesday 9 October
Deakin University & Deakin College Geelong Campus (Waurin Ponds & Waterfront) Melbourne (Burwood) Campus	Sunday 19 August Sunday 26 August
Federation University of Australia Berwick, Gippsland & Mount Helen	Sunday 26 August
JMC Academy	Saturday 25 August

Kangan Institute	September Open Nights Expressions of interest required. See link on page 1.
La Trobe University & La Trobe Melbourne Bendigo Campus	Sunday 27 August
Melbourne Polytechnic Preston Campus	Sunday 19 August
Monash University Parkville Campus (Pharmacy Focus)	Sunday 19 August
RMIT City & Brunswick Campuses	Sunday 12 August
University of Melbourne Parkville & Southbank Campuses	Sunday 19 August
Victoria University Footscray Park campus	Sunday 19 August
Collarts (Australian College of the Arts) Collingwood	Saturday 8 th Septembet

Career Focus: Engineering

Engineers are creative and inspired problem solvers who display unwavering attention to detail while maintaining a focus on the big picture. Engineers are responsible for the transportation and building infrastructure of the world, development of up-and-coming technology (software, hardware and electronics) and development of chemicals, machinery, and businesses.

The term 'engineering' covers many fields which is one of the great attractions of engineering work. It can provide a huge variety of tasks and environments to work in. The main disciplines are; Mechanical, Chemical, Civil, Electrical, Management, and Geotechnical and there are many different branches within each of these disciplines. You can read more about these areas (below) at <https://www.engineersaustralia.org.au> - Australia's principal Engineering Association.

- Aerospace Engineering
- Agricultural Engineering
- Building Services
- Chemical Engineering
- Food Engineering
- Petroleum & Petrochemical Engineering
- Pharmaceutical
- Process Control
- Production
- Civil Engineering
- Geotechnical Engineering
- Hydraulics (Water) Engineering
- Structural Engineering
- Transport Engineering
- Coastal and Ocean Engineering
- Electrical Engineering
- Electronics & Telecommunications Engineering
- Environmental Engineering
- Industrial Engineering
- Marine Engineering
- Materials Engineering
- Mechanical and Manufacturing Engineering
- Minerals and Metallurgical Engineering
- Mining Engineering,

- Resource Engineering
- Risk Engineering
- Software Engineering



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To enter the world of engineering, it is helpful to be naturally curious, innovative, driven and interested STEM subjects (Science, Technology, Engineering and Mathematics). It is also beneficial if you are; patient, accurate, safety-conscious, have good hand-eye co-ordination, are able to work in a team or independently, have strong attention to detail and enjoy technical work.

Secondary students planning to become an engineer have much to consider. What type of engineer to become, what industry to enter and which institution to attend. Many students undertake a common year at university or a pathway course to establish their chosen area and refine their university degree.

Graduates of accredited degrees are guaranteed a membership with 'Engineers Australia'. Engineers Australia is the accreditation authority for tertiary institutions in Australia who are responsible for providing course programs that meet Australian and global benchmarks.

Future engineers can also explore the many fields available in Engineering by getting involved in community STEM learning activities. The Australian Government have developed a handy resource called 'Star-Portal' (<https://starportal.edu.au/find-activity/1/>) which is a facility that connects you directly to your local area.

The below table is a list of **single** undergraduate degrees in Engineering and pathway options in Victoria:

Institution/Campus	Bachelor Course	ATAR
Collarts (Australian College of the Arts)		
Collingwood	Audio Engineering (Diploma/Degree) 2 years and 7 months	NA
Chisholm Institute		
Dandenong	Diploma of Engineering Technology: 1-year min Bachelor of Engineering Technology (Mechatronics): 3 years min	NA
	Diploma of Engineering Technology: 1-year min Bachelor of Engineering Technology (Mechanical and Manufacturing): 3 years min	NA
Deakin University		
Cloud, Geelong, Melbourne	Bachelor of Civil Engineering (Honours): 4 years min	80.75
	Bachelor of Electrical and Electronics Engineering (Honours): 4 years min	71.85
	Bachelor of Mechanical Engineering (Honours): 4 years min	71.10-97.80
	Bachelor of Mechatronics Engineering (Honours): 4 years min	65.95-93.60
	Bachelor of Software Engineering (Honours): 4 years min	66.15-81.10
Geelong	Bachelor of Environmental Engineering (Honours): 4 years min	73.50-89.85
Federation University		
Gippsland, Mt Helen (Ballarat)	Bachelor Degree (Honours) in Engineering (Civil): 4 years min	NA
Gippsland, Off-Campus	Bachelor Degree (Honours) in Mechatronics Systems Engineering: 4 years min	NA
Mt Helen (Ballarat)	Bachelor Degree (Honours) in Engineering (Mining): 4 years min	NA
JMC Academy		



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Brisbane, Melbourne, Sydney	Diploma of Audio Engineering and Sound Production: 8 months' min Bachelor of Creative Technology (Audio Engineering and Sound Production): 2 years min	65.00
La Trobe University		
Bendigo, Melbourne	Bachelor Degree (Honours) in Civil Engineering: 4 years min	60.55-99.95
	Bachelor Degree (Honours) in Engineering (Industrial): 4 years min	60.05-99.95
Monash University		
Clayton	Bachelor of Aerospace Engineering (Honours): 4 years min	91.10-99.95
	Bachelor of Engineering (Honours) in your chosen specialisation: 4 years min	91.05-99.95
	Bachelor of Software Engineering (Honours): 4 years min	91.75-99.95
Melbourne Institute of Technology		
Melbourne	Bachelor of Engineering Technology (Telecommunications): 3 years min	NA
RMIT University		
Melbourne	Associate Degree in Engineering Technology: 2 years min	51.35
City/Bundoora	Bachelor Degree (Honours) in Engineering (Advanced Manufacturing and Mechatronics): 4 years min	80.00-99.75
	Bachelor Degree (Honours) in Engineering (Aerospace Engineering): 4 years min	85.05-99.70
	Bachelor Degree (Honours) in Engineering (Automotive Engineering): 4 years min	80.80-96.45
	Bachelor Degree (Honours) in Engineering (Biomedical Engineering): 4 years min	85.55-92.25
	Bachelor Degree (Honours) in Engineering (Civil and Infrastructure): 4 years min	85.05-99.65
	Bachelor Degree (Honours) in Engineering (Environmental Engineering): 4 years min	81.35-97.85
	Bachelor Degree (Honours) in Engineering (Mechanical Engineering): 4 years min	80.30-99.70
	Bachelor Degree (Honours) in Engineering (Sustainable Systems Engineering): 4 years min	80.05-97.05
City	Bachelor of Engineering (Chemical Engineering) (Honours): 4 years min	80.00-97.45
	Bachelor Degree (Honours) in Engineering (Computer and Network Engineering): 4 years	80.35-87.45
	Bachelor Degree (Honours) in Engineering (Electrical Engineering): 4 years	80.00-93.90
	Bachelor Degree (Honours) in Engineering (Electrical and Electronic Engineering): 4 years	80.60-96.75
	Bachelor Degree (Honours) in Engineering (Telecommunications Engineering):	NA



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	4 years min	
	Bachelor of Software Engineering: 4 years min	90.05
Swinburne University of Technology		
Hawthorn	Bachelor of Engineering (Honours): 4 years min	76.10-98.75
	Bachelor of Engineering (Honours) (Professional): 5 years min	85.00-99.60
	Bachelor of Engineering Practice (Honours): 4 years minimum duration	RC
	Engineering - Associate Degree: 2 years	55.80-75.30
Torrens University Melbourne, online	Bachelor of Software Engineering (Game Programing)	NA
Victoria University Footscray Park	Bachelor of Engineering (Honours) (Civil Engineering): 4 years min	NA
	Bachelor of Engineering (Honours) (Architectural Engineering): 4 years min	NA
	Bachelor of Engineering (Honours) (Electrical and Electronic Engineering): 4 years min	NA
	Bachelor of Engineering (Honours) (Mechanical Engineering): 4 years min	NA
Institution/Campus	Pathway Course	ATAR
Deakin College Geelong)	Diploma of Engineering: 8 months minimum duration	NA
Federation University Berwick, Gippsland, Mt Helen, Online	Foundation Access Studies (FAST) for Engineering, Maths and Science: 6 months	NA
La Trobe University (Melbourne – Bundoora)	Diploma of Engineering: 8 months minimum duration	NA
Monash College (Clayton)	Diploma of Engineering: 1 year minimum duration	NA
	Diploma of Engineering (Information Technology): 8 months minimum duration	NA
Swinburne University of Technology (Hawthorn)	Diploma of Engineering (UniLink): 8 months minimum duration	NA

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