



## **UPDATED: 'My Melbourne Future' Series**

Senior students should note that during the month of June, the University of Melbourne will be hosting a series of *free 'My Melbourne Future' Information Sessions at the Parkville Campus* from **6.30pm – 8.30pm**. These sessions are aimed at informing prospective students about the courses on offer including exploring majors, breadth options, and electives, etc. Attendees will also hear from current students, academic staff and recent graduates about what it is like to study that degree or course at Melbourne, and the career and personal development opportunities available to graduates

| Date              | Event  |
|-------------------|--|
| Tuesday 5 June    | My Future in Arts                              |
| Tuesday 5 June    | My Future in IT                                |
| Wednesday 13 June | My Future in Music                             |
| Wednesday 13 June | My Future in Design                            |
| Thursday 14 June  | My Future in Agriculture & Veterinary Medicine |
| Thursday 14 June  | My Future in Commerce                          |
| Tuesday 19 June   | My Future in Education                         |
| Wednesday 20 June | My Future in Law                               |
| Wednesday 20 June | My Future in Science                           |
| Thursday 21 June  | My Future in Biomedicine                       |
| Tuesday 26 June   | My Future in Engineering                       |
| Wednesday 27 June | My Future in Fine Arts (Southbank Campus)      |

Registrations are now open and students can register at [My Melbourne Future](#)



### **Aspire Program 2018**

Through the [Aspire Early Admissions Program](#) La Trobe University recognises those secondary students who have made a positive impact on their school or community through *leadership* or *volunteerism*. The *Aspire Program* acknowledges a student's volunteering efforts when they apply. As a successful applicant, students receive an

offer into their course in September before they receive their ATAR. This program is open to open to current Year 12s (domestic and on-shore international students).

Applicants will need to meet the following criteria –

- Provide a 400-word written statement indicating the activities they have been involved in, the impact these activities have had on their community, and how regularly they participated in them

Types of volunteering include –

- community service or community group activities
- religious/cultural group activities
- participating in social justice groups or a school leadership role
- leadership in sport, the performing arts or charity fund-raising group activities

Further details can be found at the [How to Apply](#) link.

**Key dates are -**

**Applications already open – 1 June 2018**

**Applications close – 31 August 2018**

**Notification of Outcome – from mid-September 2018**

Successful Aspire applicants receive an early conditional offer into La Trobe. This includes a minimum ATAR requirement for their chosen course. Most courses have a minimum ATAR of 50, but some professional degree programs have higher requirements.

The [Minimum ATAR Table](#) shows the minimum ATAR for some professional degree courses for entry through Aspire in 2019. Should an applicant's preferred course not be listed on this table, then the minimum ATAR is 50.



## **Engineers Australia**

***Engineers Australia** is the trusted voice of the engineering profession, which is committed to creating solutions to make the world a better place.* When students are doing their research about studying engineering at university, it is useful to pay attention to which courses are [accredited by Engineers Australia](#). Completing an accredited course means that graduates of that course are eligible for to become [members of Engineers Australia](#).



## Career as a Civil Engineer

Civil engineers plan, design, construct, operate and maintain roads, bridges, dams, water supply schemes, sewerage systems, transportation systems, harbours, canals, dockyards, airports, railways, factories and large buildings. They may perform some of the following tasks\*:

- investigate sites to work out the most suitable foundation for a proposed construction
- research and advise on the best engineering solution to meet a client's needs and budget
- produce detailed designs and documentation for the construction and implementation of civil engineering projects
- organise the delivery of materials, plant machinery and equipment needed for the construction project and supervise labour
- analyse and interpret reports on loading, labour, productivity, quality, materials and performance
- analyse risks associated with natural disasters including wind, earthquake, fire and floods, and design structures and services to meet appropriate standards
- arrange for geological and geophysical investigations and carry out feasibility studies

\* [Good Universities Guide - Civil Engineering](#)

### Universities in Victoria that offer undergraduate degrees in Civil Engineering include -

| INSTITUTION  | VCE REQUIREMENTS   | ATAR 2018                                       |
|--|--|---|
| <a href="#">Deakin University</a><br>G – Geelong Waurin Ponds Campus<br>M – Melbourne Campus | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 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.                 | <b>65.65 (G)</b><br><b>71.65 (M)</b>            |
| <a href="#">Federation University</a><br>G – Gippsland Campus<br>MH – Mount Helen Campus     | Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods (any) or Maths: Specialist Mathematics; and a study score of at least 15 in any English.   | <b>n/a (G)</b><br><b>n/a (MH)</b>               |
| <a href="#">La Trobe University</a><br>M – Melbourne Campus<br>Be - Bendigo                  | 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 one of Maths: Mathematical Methods (any) or Maths: Specialist Mathematics.                            | <b>60.55 (M)</b><br><b>61.70 (Be)</b>           |
| <a href="#">Monash University</a><br>CL – Clayton Campus                                     | 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 25 in Maths: Mathematical Methods (any); and a study score of at least 25 in one of Chemistry or Physics.   | <b>91.05</b>                                    |
| <a href="#">RMIT University</a><br>C/B – City & Bundoora                                     | 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 one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.                            | <b>85.05</b>                                    |
| <a href="#">Swinburne University</a><br>H – Hawthorn Campus<br>*Professional Degree          | 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 Maths: Mathematical Methods (CAS).<br><b>Engineering Practice (Honours)^^ accepts 20 in any maths</b> | <b>76.10</b><br><b>85.00*</b><br><b>R.C. ^^</b> |
| <a href="#">Victoria University</a><br>FP – Footscray Park                                   | 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   | <b>n/a</b>                                      |



## Electrical Engineering

*Electrical engineers design, develop and supervise the manufacture, installation, operation and maintenance of electrical systems. They work on systems for the generation, distribution, utilisation and control of electric power. They also work on electronic systems used for computing, communications and other industrial applications. (Good Universities Guide).*

Electrical Engineering involves the design and study of electronics, power, and electrical systems. Electrical Engineering deals with the problems associated with large-scale electrical systems such as power transmission and motor control. So, Electrical Engineers are usually concerned with using electricity to transmit energy.

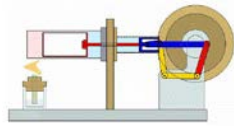
Read more at [Good Universities Guide - Electrical Engineer](#)

**Electrical engineering degrees are offered at several Victorian universities including:**

| INSTITUTION   | VCE PREREQUISITE SUBJECTS  | ATAR 2018             |
|---|--|-----------------------|
| <a href="#">Deakin University</a>                               | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 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.   | 71.85(G)<br>71.10 (M) |
| <a href="#">Monash University</a>                               | 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 Maths: Mathematical Methods (any) or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics. | 91.05 (CI)            |
| <a href="#">RMIT University</a><br><a href="#">Electrical</a>   | 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.   | 80.00 (C)             |
| <a href="#">Electrical &amp; Electronic</a>                     | 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.   | 80.60 (C)             |
| <a href="#">Telecommunications</a>                              | 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.   | n/a (C)               |
| <a href="#">Swinburne University</a><br><a href="#">Honours</a> | 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.   | 76.10 (H)             |
| <a href="#">Honours (Professional)</a>                          | 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.   | 85.00 (H)             |
| <a href="#">Victoria University</a>                             | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.   | n/a (F)               |

B – Bendigo, C – City, CI – Clayton, F – Footscray, G – Geelong Waterfront, H – Hawthorn, M – Melbourne

**Students are encouraged to browse [VTAC](#) for a comprehensive list**



## Mechanical Engineering Degrees in Victoria

Mechanical engineers plan, design and oversee the development, installation, operation and maintenance of machinery. They conduct research to solve practical engineering problems and improve efficiency - [Good Universities Guide - Mechanical Engineer](#)

Mechanical engineering is offered at the following Victorian Universities –

| INSTITUTION   | VCE REQUIREMENTS   | ATAR 2018                            |
|---|--|--------------------------------------|
| <b><a href="#">Deakin University</a></b><br>G – Geelong Waurin Ponds Campus<br>M – Melbourne Campus   | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 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.   | <b>65.00 (G)</b><br><b>69.60 (M)</b> |
| <b><a href="#">Federation University</a></b><br>MH – Mount Helen Campus   | Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods (any) or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 15 in any English.  | <b>n/a (MH)</b>                      |
| <b><a href="#">Monash University</a></b><br>CI – Clayton Campus   | 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 Maths: Mathematical Methods (any) or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics. | <b>91.05 (CI)</b>                    |
| <b><a href="#">RMIT University</a></b><br><a href="#">Engineering Degree</a><br><br><a href="#">Associate Degree Engineering Technology</a><br><br>C/B – City & Bundoora<br>C - City  | 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 Maths: Mathematical Methods (any) or Maths: Specialist Mathematics.   | <b>80.30 (C/B)</b>                   |
|   | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 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.   | <b>51.35 (C)</b>                     |
| <b><a href="#">Swinburne University</a></b><br><a href="#">Engineering Degree (Prof)</a><br><br><a href="#">Engineering Degree</a><br><br><a href="#">Engineering Practice Degree</a><br><br>H – Hawthorn Campus<br>R.C. – Selection based on range of criteria | 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.   | <b>85 (H)</b>                        |
|   | 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.   | <b>76.10 (H)</b>                     |
|   | 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: Further Mathematics, Maths: Mathematical Methods (any) or Maths: Specialist Mathematics.   | <b>R.C. (H)</b>                      |
| <b><a href="#">Victoria University</a></b><br>FP – Footscray Park   | Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.   | <b>n/a (FP)</b>                      |

For a comprehensive list of similar courses, double degrees, and major studies, visit [VTAC](#).

## **Snapshot of William Angliss Institute (WAI) in 2018**

- WAI has a two campuses Melbourne - city and Lilydale (in partnership with Box Hill Institute), as well as a campus in Sydney. It also has joint-ventures with Thailand, Sri Lanka and Malaysia
- WAI is one of Australia's largest specialist centres for foods, tourism, hospitality and events training
- WAI offers a broad range of courses from Certificate level to Bachelor degrees
- Courses are categorised in four groups:
  1. *Food Trades and Culinary Arts* - [Foods](#)
  2. *Tourism, Travel & Resorts* - [Tourism](#)
  3. *Hospitality and Resort & Hotel Management* - [Hospitality](#)
  4. *Event Management* - [Events](#)
- WAI offers a number of Bachelor's degrees including:
  1. [Bachelor of Culinary Management](#)
  2. [Bachelor of Food Studies](#)
  3. [Bachelor of Tourism and Hospitality Management](#)
  4. [Bachelor of Resort and Hotel Management](#)
  5. [Bachelor of Event Management](#)
- WAI also offers *apprenticeships and traineeships* - [Apprenticeships and Traineeships](#), as well as numerous [short courses](#)
- WAI recently introduced a 6-month [Certificate III in Aviation \(Flight Operations\)](#) designed to enhance students' opportunities to fulfil their plans to work with an airline as a cabin crew member. The focus of this course is about customer service, and not really about emergency procedures. Topics of study - beverage service, flight retailing, meeting customers, etc. managing disruptive customers, etc.
- Another specialised area WAI offers training in is [Resort and Hotel Management](#) and students get to gain specialised industry training and qualifications tailored to particular areas of the industry
- Students keen on the travel and tourism courses offered at WAI might like to access a dedicated blog that provides ongoing snippets of information about students' activities, travels and insights as they proceed through semester - [Tourism and Travel Blog](#)
- Numerous [scholarships](#) are on offer to students each year
- Opened in 2016, the [Angliss International Hotel School](#) offers students a study pathway to take service delivery to a new and luxurious level. With exposure to masterclasses covering the finer and more specialised areas of hotel service, students will be equipped for a career offering exceptional service in the international hotel industry.

