CAREER NEWS

Friday 21 May





There's something for everyone during Law Week this year! Law Week is an annual festival of events which makes learning about the law easy. This year Law Week will look different to last year, but it is going ahead, nonetheless. With webinars, interviews, information sessions, free legal advice, podcasts, and plenty more, Law Week makes learning about the law easy for all Victorians.

This year, Law Week will take place from Monday 17 – Sunday 23 May 2021.

Check out the Victorian Law Week program at Law Week 2021



Studying Medicine at the University of Adelaide

2021 was the final intake for the Bachelor of Medicine and Bachelor of Surgery program. The Bachelor of Medicine and Bachelor of Surgery will be replaced by the new <u>Bachelor of</u> <u>Medical Studies / Doctor of Medicine</u> programs from 2022.

The Medical program at the University of Adelaide has a six-year full-time duration which leads to the awards of Bachelor of Medical Studies and Doctor of Medicine.

The Bachelor of Medical Studies provides the foundation knowledge and skills needed to excel in health care. Students will also gain a deep understanding of how the Australian health care system works. This includes from the 'consumer' perspective; how patients interact with various health services and providers.

The <u>Bachelor of Medical Studies</u> is the first part of the university's medicine program; upon completion, students gain direct entry into the <u>Doctor of Medicine</u>. Together, these degrees will qualify graduates to practise medicine anywhere in Australia and throughout many parts of the world.

Entry requirements into the Bachelor of Medical Studies are – an ATAR of 90.00 and above, and completion of Units 3/4 in English, and Biology or Chemistry or Mathematical Methods in the VCE.



What is Mechatronics and Robotics?

According to the Excel Education website, these specialised roles are defined accordingly:

Mechatronics

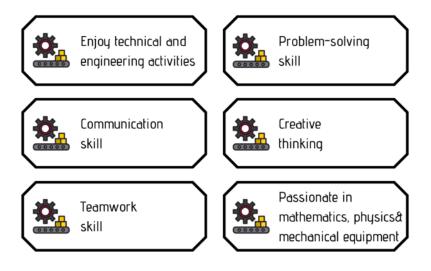
Mechatronics is an essential foundation for the expected growth in automation and manufacturing. It is the best of both worlds where electrical and mechanical realms complement each other to create a good system. To put it simply, you need to have good electronics skills in order to have an even better mechanical design when it comes to robotics and mechatronics, and vice versa. Mechanic engineers and electronic engineers are both specialists in their own major. However, for mechatronic engineers, they need to take both mechanical and electronic into account because they need to have a broader view for the overall design.

Robotics

Robotics is closely related to the design, construction, and as well as computer systems mainly focusing on the control, sensory feedback, and information processing. It involves the concept of Programming, Mathematics, Design, Electronics and much more. **Robotic engineers deal with creating robots and robotic systems mainly to make impossible duties to be possible, and difficult duties to be convenient.** Particularly in the manufacturing industry, robotics engineers help to make jobs safer, easier, and more efficient for human beings.

Robotics can be considered as part of Mechatronics as it similarly involves these mechanical, electronics and computer engineering fields. Mathematically, robotics is the subset of mechatronics set. In simple words, *all robotic systems are mechatronic systems, but not all mechatronic systems are robotic systems.*

Below are the key skills required to succeed in the study of robotics and mechatronics.





UNIVERSITY RMIT top in Australian and Global Animation Rankings

Students considering applying for an **animation and interactive media** course after Year 12 might find the following information very informative.

The **2021** Animation Career Review rankings have been published and the RMIT <u>Bachelor of</u> <u>Design (Animation & Interactive Media)</u> has been ranked again #1 in Australia and #8 worldwide – a fantastic achievement!

Students in Animation courses are "immersed in specialised design laboratories and studios from day one," and all courses are taught by practicing artists, designers, and industry practitioners.

Other similar courses on offer include -

A pathway course in <u>Diploma of Digital Media Technologies</u> – on successful completion of this one-year diploma, students are guaranteed a place into the one-year <u>Advanced Diploma</u> <u>of Screen and Media</u>. Students who select the *Interactive Digital Media (IDM)* stream are then eligible to upskill still further into one of the following degrees with credit -

- Bachelor of Design (Games)
- Bachelor of Communication (Media)
- Bachelor of Design (Digital Media)



Global Educators" Music Degrees offered at Box Hill Institute

Box Hill Institute offers a range of music courses, and four bachelor degrees include -

Bachelor of Applied Music (Audio Production) – students attain a diverse range of both Audio Production and Music related skills. Core study areas include Advanced Audio Recording, Mixing and Producing, Music Theory, Advanced Music Production (DAW), Aural Training, Music Business and History.

Bachelor of Applied Business in Music Industry – this course prepares students for music careers as *band managers, publicists, tour and event managers, music marketers,* and *promoters in record or publishing company* roles.

Bachelor of Applied Music (Composition) – this course is for students wishing to gain employment in music composition. It is designed to expose students to, and teach them, a diverse range of composition related skills required for the music industry, film and media industries and the computer game music areas.

Bachelor of Applied Music (Performance) – students will explore both the theoretical and practical side of music via individual instrumental lessons, music production and music business training. They get to choose from *audio production, composition, teaching,* and *performance* electives.



Banking and/or Finance Degrees in Victoria in 2021

A number of universities in Victoria offer specific Banking and Finance, Accounting and Finance, or similarly named degrees, and many of these are listed below. Students are encouraged to take note of the <u>maths prerequisites</u> that may differ between institutions.

For a comprehensive list of all courses, their majors, and double degrees on offer, visit <u>VTAC</u>.

INSTITUTION	COURSE NAME	VCE PREREQs	MAJOR STUDIES IN 2021	ATAR 2021
ACU M - Melbourne	Accounting and Finance	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting Theory, Auditing, Company Law, Corporate Accounting, Economics, Financial Accounting, Financial Risk Management, Principles of Finance, Taxation Law.	58.85 (M)
LA TROBE M - Melbourne	Accounting and Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Finance	57.60 (M)
	Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Business, Economics, Financial management.	68.00 (M)
MONASH Ca – Caulfield Cl - Clayton	Banking and Finance	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 25 in Maths: Further Mathematics.	Banking and Finance.	84.75 (Ca)
	Finance	Units 3 and 4: a study score of at least 27 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 or Maths: Specialist Mathematics.	Finance.	n/a (Cl)
RMIT C - City	Economics and Finance	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting, Business, Business (accounting), Business (economics), Business (finance), Business Finance, Econometrics, Economics, Finance, Financial Markets, International Economics, International Trade, Investment, Macroeconomics, Management (finance), Risk Management, Statistics, Treasury management.	65.10 (C) 80.05 (Applied)
VICTORIA CF – City Flinders <u>Note</u> : Some	Banking and Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics, Tourism and Hospitality Management.	n/a (CF)
majors are taught at the Footscray Park Campus	Financial Risk Management	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics.	n/a (CF)

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Snapshot of Torrens University in 2021

- Founded in 2013, Torrens University is Australia's international university, partnering with prestigious schools and colleges, to develop a fresh, modern, global perspective for higher education.
- Torrens offers a range of <u>study options</u> undergraduate, graduate, higher degree by research and specialised degree programs in a wide range of academic disciplines, delivering its programs online and at its campuses. Torrens has six campuses in Sydney, two in Melbourne, one in Adelaide, two in Brisbane, one in the Blue Mountains, one in Auckland and one in China.
- Torrens has a very strong <u>industry connection</u> and Work-Integrated Learning (WIL) is an essential part of its course offerings – with industry placement built into every one of its undergraduate degrees.
- <u>Student support and well-being</u> is taken very seriously, whether it in regard to requiring academic guidance or social support.
- Partner institutions to Torrens University include -
 - Billy Blue College of Design Blue Mountains International Hotel School
- Torrens offers <u>courses</u> in areas including –

Business Design Education Health Hospitality Technology





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Snapshot of The Hotel School – Melbourne in 2021

- The Hotel School delivers <u>Southern Cross University</u> courses and is the only hotel school in Australia formed through a unique partnership between a public university and a global hotel investment group.
- Southern Cross University ranks in the top 55 <u>Academic Rankings of World</u> <u>Universities</u> in the area of *Hospitality and Tourism Management*.
- <u>The Hotel School</u> Melbourne Campus is located in the heart of the CBD.
- Students have access to a state-of-the-art learning hub with dedicated student spaces.
- The Hotel School offers a range of student support services.
- A number of <u>courses</u> are on offer, including
 - ✓ Diploma of Hotel Management
 - ✓ Associate Degree of International Hotel and Tourism Management
 - <u>Bachelor of Business in Hotel Management</u>
- The Hotel School has over 1000 <u>industry connections</u> who provide an invaluable resource for internships and Work Integrated Learning as well as other activities to students.
- Internships make up an important part of the courses taught at The Hotel School
- Students can learn more by participating in a virtual tour of the Melbourne Campus

