



CAREERS NEWS: 24 June 2024

Book a one-on-one session with Mrs Martin. [Click here to book.](#)

UNIVERSITY APPLICATIONS SESSIONS

University application (TISC application) help sessions are on **today** and **tomorrow at Recess** in **GG.2**. These sessions will run **every week** on Mondays and Tuesdays to assist Year 12s apply to university.

SISTERHOOD SERIES

The Sisterhood Series is exclusively for students in Years 10 - 12 and offers the chance to hear from inspirational alumni guest speakers. The series will run over recess every Wednesday during Terms 2 and 3 in the Santa Maria College **Boardroom** in the McAuley Building, with the exception of the first and last weeks of the term. All bookings can be made on the [Careers Hub](#).

Here are the event details for the upcoming session in the series:

Session 10 (Term 3)

Date: Wednesday 24 July

Time: 10.40 am (sharp)

Guest Speaker: Louise Hausted (**Dietitian**)

Area of Expertise: Louise studied a Bachelor of Science in Nutrition at Curtin University, followed by completing a Postgraduate Diploma in Dietetics. Louise has recently started in a new role at the Perth Children's Hospital, working on an exciting research program for children with chronic diseases such as cystic fibrosis and type 1 diabetes. **Register:** Click [here](#) to register

Session 11 (Term 3)

Date: Wednesday 31 July

Time: 10.20 am (sharp)

Guest Speaker: Olivia von Bertouch (**Lawyer**)

Area of Expertise: Olivia is studying in Canberra at the Australian National University. Now in her fourth year, she is pursuing a **Bachelor of Laws (Honours)** and a Bachelor of Politics, Philosophy and Economics, thanks to a prestigious scholarship. Olivia has experience in civil, family, and protection law and currently works in a family law firm focusing on property settlement and child protection.

Register: Click [here](#) to register

Session 12 (Term 3)

Date: Wednesday 7 August

Time: 10.40 am (sharp)

Guest Speaker: Stephanie Barr (**Registered Nurse**).

Register: Click [here](#) to register

These sessions are invaluable opportunities to learn from accomplished professionals in their fields.

UPCOMING COLLEGE EVENTS

Monday 29 July 2024: SEDA College Sport and Business Programs: recess in the Careers Centre.

If you are interested in hearing about the dual diploma program (Diploma in Sport – specialisation in Sport Development and Coaching and Diploma of Business – specialisation in Business Operations) at SEDA college come along and hear about this hands on, practical learning opportunity

UPCOMING EVENTS

Notre Dame | Architecture Winter School

1 July – 6 July 2024 (9.00 am – 12.00 pm daily) | Notre Dame's historical Old Mariner's Chapel, High Street

Do you have Years 10-12 students interested in design and the built environment? Get them immersed in Notre Dame's one-week Architecture Winter School to experience first-hand what a career in architecture could hold. Cost: \$350. All material and refreshments are provided. [Register here](#)

Experience ECU for Years 9 and 10 Students

2 July – 5 July 2024

Experience what it's like to study at Edith Cowan University. You'll be able to explore our campuses, meet academics, ask questions of our current students, find out about our courses, and learn about our entry pathways. Experience what ECU has to offer by taking part in a workshop in our real-world facilities.

Arts and Humanities | Tuesday 2 July | 8.30 am – 4.00 pm | ECU Mount Lawley Campus

Workshops: Broadcasting (TV and Radio), Photography and Visual Art. Registrations open now - [Book here](#)

Experience ECU day is FREE but registrations are essential. Get in early to avoid missing out, as places are limited.

SAE | Create for a Day

6 July 2024

SAE is opening its doors this July for a one-day program, designed to expand your skills and get you working on inspiring creative projects in the fields of Animation, Audio, Design, Film, Games or Electronic Music Production.

Don't miss out on your chance to experience life as an SAE student and discover what it means to be a creative professional, in state-of-the-art facilities with industry experts by your side.

During the workshop, attendees will learn valuable practical and collaborative skills to build a creative piece of work. They will also receive a certificate of participation to acknowledge the creative project they have undertaken. [Find out more](#)

Experience UWA for Years 11 & 12

10 July 2024 | 9.00 am

Are you in Years 11 or 12? Join us on campus on Wednesday 10 July from 9.00 am – 12.00 pm to Experience UWA. Explore UWA's diverse courses, vibrant campus life and range of entry pathways. Take a moment to deep dive into your area of interest with a campus tour, where you'll visit the facilities and spaces you'll be learning in, find out about how your experience at UWA can shape your future life and career, and chat with our friendly staff and students to get all your questions answered.

Plus, sign up to get a taste of living on campus! You'll enjoy a free lunch, followed by a tour of our five colleges. Find details and register [HERE](#).

WAAPA Arts and Cultural Management & Production

17 July 2024 | 6.00 pm

Our Bachelor of Arts (Arts and Cultural Management) prepares students for exciting and challenging careers in the arts and entertainment industries. Whilst our Production and Design programs prepare students for a range of technical live production careers.

Please note that this information session will not cover performance courses.

LOCATION ECU Mount Lawley Campus, Building 3 Room 101, 2 Bradford St, Mount Lawley WA 6050

Register [HERE](#).

ECU WAAPA Bachelor of Performing Arts, Performance Making

1 August 2024 | 6.00 pm

WAAPA's Bachelor of Performing Arts, Performance Making is ideal for those interested in more than one area of performance, from creative development through to performing for an audience, for future writer-performers or director-performers.

Please note this information evening does not cover our Acting or Musical Theatre programs.

LOCATION Building 3 Room 201 Mount Lawley Campus, 2 Bradford St, Mount Lawley WA 6050

Register [HERE](#).

WORK EXPERIENCE OPPORTUNITIES

The Defence Work Experience Program has a range of programs available for students to apply for and attend during Term 2.

To be eligible to apply student's must:

- Be aged 15 – 24
- Currently enrolled in an educational institution
- An Australian citizen or permanent resident

Army

A Day in the Life of a Soldier – 15 August 2024. Students can apply here: [Day in the life of a Soldier: Irwin Barracks - August \(nga.net.au\)](#) applications close 7 July 2024

Air Force

An Aerial View: Air Force Careers Experience 20 August 2024. Students can apply here: [An Aerial View: Air Force Careers Day RAAF Base Pearce - August \(nga.net.au\)](#) applications close 7 July 2024

There are more placements for later in the year available on our website

[Jobs List - Defence Work Experience \(nga.net.au\)](#)

Questions can be directed to wa.workexperienceprogram@defence.gov.au

APPRENTICESHIPS

Our Women in Pre-apprenticeship Program *exclusively for women is returning in 2025!!*

SMTAFE is excited to continue our support of more female participation in VETDSS pre-app pathways and to encourage female students who are keen to start their journey into a trade career.

Course: MEM20105-AA50 Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship)

Campus: Rockingham

Duration & Day: 1 year (3 Terms), Thursdays and Fridays (2 days per week)

Applications open to: Current Year 9, 10 and 11 female students (Course starts Term 1, 2025)

To be eligible:

Female students from current year 9s, 10s and 11s are eligible to apply.

Students need to have a minimum of a C Grade for English and Maths or achieved OLN Category Level 3.

Students Semester 1, 2024 school report and a student statement will also need to be attached to their application.

Note:

Year 9 students can make an application for next year i.e., use semester 1 reports and subject level for Maths and English as “N/A Year 9” with your semester 1 grades.

How to apply

If you are interested in applying, please complete the application form via the following link:

[WIP PROGRAM APPLICATION FORM](#)

Applications will remain open until the **30 August 2024**.

1 July 2024 Komatsu Australia Apprenticeships open

Komatsu offers apprentice streams in plant mechanic, auto electrician, electrician and automotive sales. Applications open 1 July 2024, with apprenticeships commencing January 2025. By registering your interest, you will be notified of any Open Day Events at our facilities, giving you the chance to learn more about what a Komatsu apprenticeship is all about. Register for notifications [HERE](#).

4 August Rio Tinto Apprenticeships and Traineeships open

The 2025 Apprenticeship programs will open on 4 August. Traineeships will open on 25 August. Follow the Facebook page [HERE](#). Visit <https://www.riotinto.com/careers>

OVER EAST UNIVERSITY SPOT LIGHT

Exercise Science & Sport Degrees in Victoria in 2024

Many of the courses listed below provide an accredited pathway for graduates to be eligible to register and practise as an Accredited Exercise Scientist with [Exercise and Sports Science Australia \(ESSA\)](#). They are also often used as pathways to post-graduate study in courses such as the *Master of Clinical Exercise Physiology*, *Graduate Diploma or Master of Applied Sport Science*, *Graduate Certificate of Strength and Conditioning*, *Graduate Certificate of Sport Performance*, to name a few.

UNIVERSITY	COURSES	VCE PREREQUISITE SUBJECTS IN 2024	ATAR 2024
ACU M - Melbourne	Exercise & Sport Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	63.05 (M)

	High Performance Sport		61.20 (M)
<u>DEAKIN</u> M – Melbourne G – Waurin Ponds # Sports Science School ranked 1 st in the world	Business (Sport Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	80.00 (M)
	Exercise & Sport Science #	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	62.10 (G) 70.05 (M)
	Exercise & Sport Science (Hon) #		70.20 (G)
	Sport Development	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	60.05 (M)
<u>FEDERATION</u> B – Ballarat Be – Berwick Gi – Gippsland	Exercise & Sport Science	Units 3 and 4: a study score of at least 20 in any English; Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics.	50.55 (B) 51.95 (Gi)
	Sport, Physical and Outdoor Education		53.90 (B) 51.65 (Be) 50.15 (Gi)
<u>LA TROBE</u> B – Bendigo M - Melbourne	Business (Sport Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	n/p (B) 55.45 (M)
	Exercise Science	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 Biology, Chemistry, any Mathematics, Physical Education or Physics.	55.85 (B)
	Sport and Exercise Science	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 two of Biology, Chemistry, any Mathematics, Physical Education or Physics.	60.90 (M)
	Sport Coaching & Development		57.20 (M)
<u>SWINBURNE</u> H - Hawthorn	Exercise and Sport Science	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	57.50 (H)
<u>VIC UNI</u> F – Footscray S.A. – St. Albans F/S.A. – Footscray / St. Albans	Biomedical & Exercise Science	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 two of Biology, Chemistry, Health And Human Development, any Mathematics or Physical Education.	65.55 (F/S.A.) n/p (S.A.)
	Exercise Science – Clinical Practice	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	65.55 (F)
	Exercise Science – Sport Practice		60.00 (F)
	Physical Education and Sport Science		n/p (F)
	Sport Management		n/p (F)
	Sport Science		n/p (F)

EXTRA CAREER INFORMATION

Register Now: Fogarty Futures Leadership Conference for Years 10 – 11 | 3 – 6 October

Fogarty Futures Leadership Conference empowers Year 10 and 11 students with leadership skills for the future. We seek to encourage students to develop a passion for social justice and benefit their local communities. Soft skills such as leadership, communication and interpersonal skills are not taught in schools, despite being vital to living in a modern globalised world; Futures aims to fix this gap.

Location: Ern Halliday Recreation Camp (Hillarys)

Cost: Approx. \$100 (travel grants for students living in regional/remote areas, and financial aid is available) Find out more and apply [HERE](#).

Work – Job Spotlight

How to become a Cartographer

Cartographers are map makers. They design, create, and adapt maps, charts, and plans using a combination of geographical, scientific, and mathematical methods. The scope for this job ranges from creating traditional maps to driving directions, and cartographers are employed by individuals, businesses, or specific industries such as the military. While it may seem obscure, this role is in fact more in demand than ever, with jobs expected to increase in the coming years. If you love maps and geography, and enjoy researching and designing things, then a career in Cartography could be perfect for you.

What skills do I need as a cartographer?

- Geographical, environmental & mathematical knowledge
- Graphic & design skills
- Analytical thinking & technical skills
- Thorough & precise
- Proficient communicator
- Collaborative & adaptable
- Computer literacy skills
- Strong spatial awareness

What does the job involve?

- Researching, evaluating, and manipulating data to create maps, charts, and plans
- Using [GIS](#) (geographical information systems) to study and copy landscapes
- Engaging with digital and graphical source material for design and collation of maps
- Conducting topographic (land) and hydrographic (sea) surveys
- Editing and updating older versions of maps
- Using specialist technical software to design maps for different media
- Collaborating with other industry professionals such as surveyors, architects, and engineers
- Using attention to detail to ensure details are accurate and to scale
- Rendering data into visual translations

What industries do cartographers typically work in?

- Public Administration and Safety
- Professional, Scientific and Technical Services
- Mining

What Career Cluster do cartographers belong to?

Because their work involves using their skills and knowledge to collate specialised information, [Informers](#) tend to suit careers in cartography. [Innovators](#) may also enjoy cartography due to the design and creativity elements of map-making.

What kind of lifestyle can I expect?

Cartographers tend to work full time, with an average work load of 40 hours a week, although some work additional overtime. There aren't many part-time opportunities available for this profession. You most likely won't need to work weekends or holidays, as the work is generally expected to be done in normal business hours. Although most cartographers work in an office, there are options for remote work-from-home positions (if you have the software). You may also occasionally need to travel to locations that are being mapped, so expect to occasionally work outdoors as well.

Most cartographers earn an average salary throughout their career, but salaries vary depending on your skill and experience.

How to become a cartographer

You usually need to complete a formal vocational or undergraduate qualification in spatial or geographical sciences to become a cartographer.

You may be required to learn programming languages such as Python or Javascript to draw web maps and spatial analysis. Practical experience is also important, so securing an internship could be a beneficial step toward becoming a cartographer.

If you're in high school and you'd like to find out if a career as a cartographer is right for you, here's a few things you could do right now:

- Focus on STEM subjects at school, such as mathematics, geography, mechanical drawing, and computer science. Finishing Year 12 with an emphasis on these skills is your first step to becoming a cartographer.
- Do an [online GIS course](#) to familiarise yourself with the technology.
- Join a professional cartography organisation, such as the [Mapping Sciences Institute Australia](#). This is great for networking within your field, as well as keeping an eye on any events or training on offer.

Find out more here:

- [Geospatial Council of Australia](#)
- [International Map Industry Association](#)
- [Women in GIS](#)
- [Geospatial Information & Technology Association](#)
- [ESRI – Environmental Systems Research Institute](#)
- [American Association of Geographers](#)
- [ICSM – Intergovernmental Committee on Surveying and Mapping](#)

Similar careers to cartographer

- Surveyor
- Geologist
- Geophysicist
- Environmental scientist
- Geographer
- Spatial information scientist
- Remote sensing scientist

- Soil scientist

Find out more about [alternative careers](#).

Please be aware the opportunities in this newsletter are not endorsed by Santa Maria College. We wish to merely make you aware of opportunities provided by organisations in the wider community. We strongly urge you to conduct your own due diligence around the suitability and safety of these activities for your child.