

# Careers Newsletter

## Career as a Registered Nurse



There are over 300,00 Registered Nurses (RN) in Australia, yet it is the number 1 occupation in demand and by 2026 we will need another 40,000+. RNs provide care to people in hospitals, other health and aged care facilities, and in the community.

### Nursing involves:

- Working with other Health Professionals to coordinate the care of patients.
- Providing treatments and therapies and monitoring patients' responses.
- Answering questions and providing information to patients and their families.
- Working shifts (early mornings and nights, weekends, and public holidays), long hours on their feet, and with people's bodies.

### Study Pathways

1. Study English, Maths, Biology, and health-related subjects in Year 12.
2. Complete a 3-year Bachelor of Nursing at university.
3. Register with the Nursing and Midwifery Board of Australia (NMBA), to officially become a Registered Nurse!

### OR

1. Complete an 18 month - 2-year Diploma of Nursing VET course.
2. Use this qualification to enter, and to provide credit towards a Bachelor of Nursing degree.

## In this Issue

[Career as a Registered Nurse](#)

[20 Occupations in Demand](#)

[Clean Energy Apprenticeships](#)

[Finding Your First Job](#)

[Meet the Pathfinders](#)

[Women in STEM Scholarships](#)

"Whether you think you can or think you can't, you're right."

— Henry Ford

# Top 20 Occupations in Demand



The most recent [Labour Market Update](#) highlights the top 20 occupations in demand across Australia. Studying in one of these areas when you finish school means you will likely have many job opportunities available when you graduate. The table below lists the occupations, their most common study pathway, and the minimum time it takes to gain a qualification. You can click on each occupation to learn more about it.

	Occupation	Study Pathway	Time to qualify
1.	<a href="#">Registered Nurses</a>	Higher Education	3 years
2.	<a href="#">Software and Applications Programmers</a>	Higher Education	3-4 years
3.	<a href="#">Aged and Disabled Carers</a>	VET	6-12 months
4.	<a href="#">Child Carers</a>	VET / Traineeship	1-2 years
5.	<a href="#">Construction Managers</a>	VET or HE + industry experience	2 years +
6.	<a href="#">Motor Mechanics</a>	Apprenticeship	3-4 years
7.	<a href="#">Retail Managers</a>	VET / Traineeship + industry experience	6-12 months
8.	<a href="#">Chefs</a>	Apprenticeship	3-4 years
9.	<a href="#">Generalist Medical Practitioners</a>	Higher Education	6 years
10.	<a href="#">Metal Fitters and Machinists</a>	Apprenticeship	3-4 years
11.	<a href="#">ICT Business and Systems Analysts</a>	Higher Education	3-4 years
12.	<a href="#">Civil Engineering Professionals</a>	Higher Education	4 years
13.	<a href="#">Electricians</a>	Apprenticeship	3-4 years
14.	<a href="#">Early Childhood Teachers</a>	Higher Education	4 years
15.	<a href="#">Contract, Program and Project Administrators</a>	Higher Education + industry experience	3-4 years
16.	<a href="#">Advertising and Marketing Professionals</a>	Higher Education	3-4 years
17.	<a href="#">Physiotherapists</a>	Higher Education	4 years
18.	<a href="#">Gardeners</a>	VET	6-12 months
19.	<a href="#">Mining Engineers</a>	Higher Education	4 years
20.	<a href="#">Database and Systems Administrators, and ICT Security Specialists</a>	Higher Education	3-4 years

# Clean Energy Apprenticeships



Australian Government

## A U S T R A L I A N A P P R E N T I C E S H I P S

Your Life. Your Career. Your Future.

### Considering an Apprenticeship? Consider a Clean Energy Apprenticeship.

To encourage you into a clean energy career, the Australian Government is offering you up to \$10,000 and industry mentor support when you join their New Energy Apprenticeships Program.

There are 40 occupations covering hundreds of qualifications identified as clean energy-related on the [Australian Apprenticeship Priority List](#).

Most fall into the Agriculture, Automotive, Electrical, Engineering, Metalworking, Plumbing, and Telecommunications sectors, but check the [list](#) for the full range - they are easy to spot highlighted in green.

To be eligible you must be:

1. Undertaking a Cert III, IV, Diploma or Advanced Diploma qualification identified as a clean energy occupation on the Priority List.
2. Employed by an organisation in the clean energy sector, with most of your work in clean energy.
3. Willing to sign a declaration stating your commitment to building your skills in the clean energy sector.

### Case Study



On 1 January 2023, Rachel commenced a 4-year Certificate III in Electrotechnology Electrician and will work in rooftop solar installation for a salary of \$30,040 annually. As a New Energy Apprentice, Rachel is eligible for:

- Up to \$10,000 (\$2,000 for each study year and on completion of the apprenticeship).
- Personalised non-financial supports services (mentoring, peer-support, networking).
- An income contingent loan, as part of the trade support loan program.

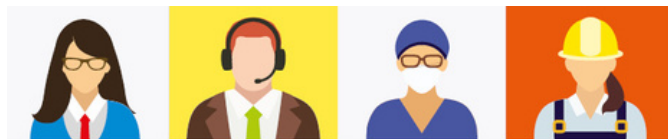
Rachel's employer is eligible to receive around \$8,430 in wage subsidies. This is equivalent to 10 per cent of Rachel's wages paid in the first and second year, and 5 per cent in the third year.

*Note: Wages are for non-adult apprentice that completed Year 12 under the Electrical, Electronic and Communications Contracting Award (MA000025).*

To become a New Energy Apprentice, contact your local Australian Apprenticeship Support Network provider.

# Finding Your First Job

The 2022 Australian Jobs Report provides detailed information about the Australian labour market. Over the next few newsletters, we'll be explaining what it means for you, as you head towards further education/training and the workforce.



## AUSTRALIAN JOBS REPORT 2022 now available



### How do I find my first job?

Teenage employment is at record levels with 54.4% of 15-19 year olds already in the workforce.

The Australian Jobs Report offers insight into the industries and occupations employing young people and the ways they find work.

### Which industries and occupations employ young people?

Many young people are employed in industries offering entry level jobs that don't require post-school qualifications and that have flexible hours to fit around their studies. The top 3 industries hiring the largest percentage of 15-24 year olds are:



### CORE SKILLS

People skills	Communication skills
Work ethic	Initiative
Ability to work in a team	Personal presentation
Reliability and punctuality	Customer service
A positive attitude and motivation	

### 21ST CENTURY SKILLS

Problem solving	Digital literacy
Creativity	Presenting skills
Critical thinking	Financial literacy

### But I don't have any experience yet!

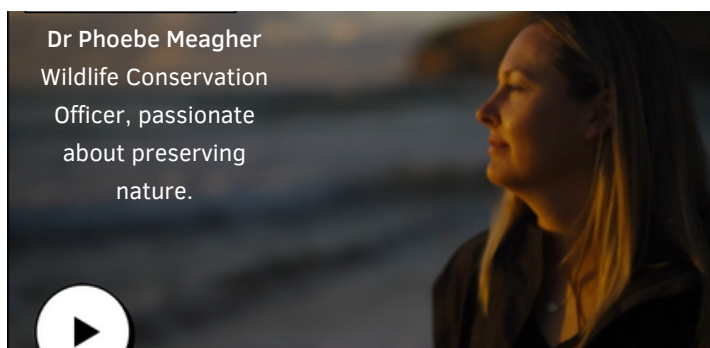
Core and 21st Century Skills are the general skills you develop early in life and at school and 74% of employers rate them as equally or more important than technical skills. That's good news if you don't have experience yet! Employers value these skills because they want to hire people who will be a good fit for their business.

If you don't have any work experience, think about other ways you can demonstrate these skills. You can provide examples from your school activities or work on group projects, working with your local sports club, even participating in debating, theatre or dance performances or chess competitions. Employers are very encouraged by young people who participate in the community or volunteering activities.

# Meet the Pathfinders

Four amazing women. Four great stories. Meet the Pathfinders!

The Future You [Pathfinders documentaries](#) showcase women from different backgrounds, races, and ethnicities who have made significant contributions to their STEM fields. They help to break down stereotypes and biases, present diverse role models, and inspire you to use your STEM skills in the future.



## Women in STEM Scholarships

On March 8, the world celebrated International Women's Day to recognise the social, economic, cultural, and political achievements of women. The 2023 International Women's Day theme was to 'embrace equity' and that's what these university scholarships aim to achieve, as women only make up 15% of the STEM workforce.

### Why does it matter?

Diversity of all kinds, not just gender, is important in STEM because a broader range of perspectives lead to more innovative and creative solutions, which result in better products and technologies to meet the needs of a wider range of people. It also makes organisations more inclusive, happier places to work.

The following list is not exhaustive, but it's a good starting place if you identify as female, want to study a STEM course, and would benefit from financial assistance. Click on the scholarship names for more information.



# Women in STEM Scholarships

	Uni	Course	Scholarship	\$
ACT	ANU	Bachelor of Engineering	<a href="#">Lisa Brodribb Women in Engineering Scholarship</a>	5,000
NT	CDU	Any Certificate IV, Diploma or Advanced Diploma	<a href="#">Minister for Women's Scholarship - Vocational Education &amp; Training (VET)</a>	2,000
NT	CDU	Any undergraduate degree	<a href="#">Minister for Women's Scholarship - Higher Education</a>	16,200
NSW	CSU	Any degree in the Faculty of Science	<a href="#">Valerie Cox Memorial Scholarship for Commencing Students</a>	20,000
NSW	UoN	Bachelor of Surveying (Honours)	<a href="#">NSW Surveyor General's Women in Surveying Undergraduate Scholarship</a>	5,000
NSW	UNSW	Any in the Faculty of Engineering	<a href="#">Alexandria Ada Lam Scholarship in Engineering for Female Students</a>	40,000
NSW	UNSW	Bachelor of Engineering (single or dual)	<a href="#">Vida Balshaw Women in Engineering Scholarship</a>	20,000
NSW	UTS	5-year Bachelor of Engineering/ Diploma in Professional Engineering Practice	<a href="#">Downer Rail Scholarship for Women in Engineering</a>	14,000
NSW	UTS	Bachelor of Engineering (Honours)/ Diploma in Professional Practice	<a href="#">Women in Engineering Equity Scholarship</a>	14,000
NSW	UTS	Any in the Faculty of Engineering and IT or the Faculty of Design, Architecture and Building	<a href="#">Richard Crookes Construction Merit Scholarship for Women</a>	7,000
NSW	UoW	Any in the Faculty of Engineering and Information Sciences	<a href="#">Women in Engineering and Information Sciences Award</a>	5,000
QLD	QUT	Bachelor of Engineering or an engineering double degree	<a href="#">Women in Engineering Scholarship</a>	6,000
QLD	UoQ	Bachelor of Engineering (including dual degrees)	<a href="#">Leeanne Bond Scholarship for Women in Engineering</a>	5,000
SA	UoSA	Bachelor of Mathematical Sciences or Bachelor of Quantitative Finance	<a href="#">Hypatia Scholarship for Mathematically Talented Women</a>	5,000
SA	UoSA	Bachelor of Engineering	<a href="#">School of Engineering High Achiever Scholarship for Women</a>	2,000
SA	UoSA	Bachelor of Quantitative Finance or Bachelor of Mathematical Sciences	<a href="#">SA Water Hypatia Scholarship</a>	22,260
SA	UoSA	Bachelor in the School of Computer and Information Science	<a href="#">Scholarship in Information and Communications Technology and Placement</a>	20,000
TAS	UTAS	Naval Architecture, Ocean Engineering or Marine and Offshore Systems	<a href="#">Women in Maritime Engineering Scholarship</a>	8,200
VIC	Deakin	A range of Engineering, Computer/IT, and Construction courses	<a href="#">IGNITED Scholarship</a>	5,000
VIC	RMIT	Bachelor of Applied Science (Property and Valuation) (Honours)	<a href="#">RMIT Bachelor of Applied Science (Property and Valuation) Scholarship</a>	5,000
VIC	RMIT	Bachelor of Applied Science (Project Management) (Honours)	<a href="#">RMIT Bachelor of Applied Science (Project Management) Scholarship</a>	5,000
WA	UoWA	Honours course in Geology	<a href="#">Buru Energy Scholarship for Women in Petroleum</a>	10,000