

BGGS Careers Newsletter

Issue 2

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Introduction

Although it's early in the year, there are plenty of career events to attend. As you'll see, most events are offered online so please see what's coming up and register for any that might spark an interest. There's some interesting reading in the issue too, including the gap year stories of Steve Jobs, Emma Watson, Ed Sheeran, and more.

If you missed the Medicine Information Evening in Week 3, or if you attended but want to review the slides, please visit the [Tertiary Pathways page of Minerva](#) for the presentation slides from the session.

For further information, please contact Louise Walls at careerplanning@bggs.qld.edu.au or lwalls@bggs.qld.edu.au

Events

Next Week's Events

March 3: US College Sport Scholarship Information Session

Organisation: Study & Play USA

Location: Online

Date: March 3, 2025

This webinar is open to athletes, families, Career Counsellors, Heads of Sport, club coaches from across the globe, wanting to learn more about the US College pathway.

Why attend?

- Interested to learn more about the US College Pathway? Never heard of the NCAA before?
- Wanting to know what a scholarship actually covers?
- Intrigued by how our recruitment company can assist you with this process?
- Not sure if your grades are good enough to go to the US? Not sure if athletically you are where you need to be to get interest?

[Find out more and register](#)

March 4: Brisbane Defence Engineering Careers Information Session

Organisation: Australian Defence Force

Location: Brisbane ADF Careers Centre & Online

Consider an Engineering career in the Navy, Army or Air Force and work at the peak of your profession on formidable military assets such as warships, tanks, fighter aircraft and all the systems that control them.

Join us for an info session and speak with current serving military personnel to hear about their own experiences and advice and what opportunities are available to you.

[Find out more and register](#)

March 4: Medical Work Experience Overseas for High School Students



Projects Abroad has spent over 30 years helping our participants fulfill their potential and make the world a better place.

Projects Abroad offers a range of [Medical Work Experience](#) programs for high school students, and a number of the destinations are overseas. These overseas medical programs might be of interest to students keen to pursue studies and careers in medicine and healthcare.

These programs are designed for students in Years 10, 11, and 12 and run in the mid-year break and over the summer holiday. They are ideal for individuals or groups of friends. Projects Abroad has been running these programs for over 15 years. They are very popular with students from across Australia, New Zealand, Europe, and North America.

Projects Abroad will be running a *free* webinar for those students interested in the ***Overseas Medical Experience for High School Students***

Date: Tuesday 4 March 2025

Time: 6.30pm (AEST)

Register at [Projects Abroad Medical Work Experience Webinar](#).

March 6: UNSW Study Aviation Information Session

Organisation: UNSW (University of New South Wales) Sydney

Location: Online

Date: March 6, 2025

If you are interested in a career in aviation join UNSW online on **Thursday 6 March from 8:00 – 9:00pm** AEST for an interactive webinar with Q&A.

As air traffic continues to increase, the industry needs more airline pilots and aviation professionals to meet demand. Hear from UNSW Aviation staff and students and find out how you can kick start your career in this important industry.

Discover the exciting world of aviation at UNSW as our speakers delve into their personal experiences and share their insights into the broad range of career opportunities in the aviation sector.

Connect with our staff and students during the Q&A to discover the diverse range of student experience opportunities on offer at UNSW and get all your questions answered.

Information on how to access the webinar will be provided once you register. - [click here to register](#)

March 6: All Things Marine at JCU

Organisation: James Cook University

Location: Online

Date: March 6, 2025

Join JCU for this exclusive webinar designed to guide you through all things marine at James Cook University! Learn more about JCU's leading marine programs, world-class facilities and vibrant student life.

During this session, you'll have the opportunity to:

- Hear from JCU's renowned marine academics, Mia Hoogenboom and Mark Hamann.
- Learn more about our exciting undergraduate and postgraduate marine programs and gain valuable guidance on the application process.
- Uncover the James Cook University advantage through its world-class facilities, supportive learning environment, and vibrant student life.

[Find out more and register](#)

Future Events

12 March: UNSW Year 12 Medicine Information Evening (online)

Organisation: UNSW (University of New South Wales) Sydney

Location: Online

Date: March 12, 2025

Get insight into the dynamic blend of hands-on clinical experiences and research-focused learning offered at UNSW Medicine. At this event, we'll cover detailed information on the application and admissions process for 2026 entry. [Register here](#) →

18-19 March: UQ Medicine Information Evening

Organisation: University of Queensland

Location: UQ St Lucia Campus & Online

Date: March 18 to March 19, 2025

Attend our information session to learn about studying medicine at The University of Queensland (UQ).

Hear from UQ Medical School staff, UQ alumni and current students on the changing medical climate, how to apply for medicine at UQ, and tips for success.

- Explore the current climate and magnitude of medicine.
- Learn how to apply for our Doctor of Medicine (MD) program.
- Discover our multiple entry routes and partnerships with CQUniversity and UniSQ.
- Get advice from recent graduates and current students.
- Engage in an interactive Q&A panel with alumni and current students.
- Network with current medical students.

[Find out more and register](#)

March 22: Introduction to Engineering – Year 9 and 10

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Organisation: The Engineering Link Group

Location: QUT Gardens Point Campus

Date: March 22, 2025

This is a one-day event for Year 9 and 10 students interested in discovering what engineering is all about!

Students will participate in two hands-on workshops in different engineering disciplines. Each workshop is designed to challenge creativity and knowledge of maths and science and introduce middle years students to the engineering paradigm.

[Find out more and register](#)

March 22: Engineering Link Project – Year 11 and 12

Organisation: The Engineering Link Group

Location: QUT Gardens Point Campus

Date: March 22, 2025

The Engineering Link Project is a one-day event for Year 11 and 12 students interested in discovering what engineering really is!

Students will participate in two hands-on workshops in different engineering disciplines. Each workshop will challenge your creativity and knowledge of maths and science and introduce you to the engineering paradigm.

[Find out more and register](#)

April 9: Discover ACU Brisbane

Organisation: Australian Catholic University

Location: ACU Brisbane Campus

Date: April 9, 2025

Experience university life firsthand at the 2025 Discover ACU. This free event, tailored to your specific study interests, offers an in-depth look at what it is like to be a university student.

At the Brisbane campus, you will find a range of engaging sessions on topics including business, education, nursing, midwifery, paramedicine, occupational therapy, physiotherapy, speech pathology, law, and criminology, plus guided campus tours.

[Find out more and register](#)

University Information

Snapshot of Bond University in 2025



In the 2025 [Good Universities Guide](#), Bond University was awarded more 5-star ratings in the Educational Experience category with 5 stars being the maximum rating awarded.

The QS star rankings were similar.

★★★★★ Student Support

★★★★★ Overall Experience

★★★★★ Learning Resources

★★★★★ Student Teacher Ratio

★★★★★ Teaching Quality

★★★★★ Learner Engagement

★★★★★ Skills Development

Bond also ranked #23 in world's best small universities according to the 2024 Times Higher Education (THE) Best Small Universities rankings, which ranks universities with fewer than 5,000 students. [Our rankings | Bond University](#)

- **[Accelerated degrees](#)**
Graduate up to 12 months ahead of the rest by studying three semesters per year and earn an income up to a year ahead of graduates from other universities. Students learn from world-renowned, highly qualified academics and high-level corporate and government consultants who take a hands-on role in guiding students' career paths.
- **[Core Curriculum](#)**
The Core Curriculum, embedded in each undergraduate program, establishes and begins the development of essential graduate attributes, supports students' capacity to acquire the knowledge and skills taught in their discipline-specific coursework, and prepares graduates to translate these capabilities into successful professional and personal lives.
- **[Leadership Development](#)**
Part of Bond University's unique approach is to help students develop a strong foundation of key leadership attributes that will prepare them for career success, regardless of which field of study they choose.
- **[Study facilities](#)**
Bond not only has state-of-the-art facilities, but it also offers unprecedented access to them. This means students can apply their profession as they learn it, in an environment far more akin to the real thing.
- **[Industry Experience Program](#)**
Bond is committed to producing graduates who are "ready to hit the ground running". The Industry Experience Program (IEP) provides a vital link between employers and students that can result in a mutually beneficial partnership.
- **[Beyond Bond](#)**
A practical, activity-based program that extends across the duration of all undergraduate degrees, as a mandatory degree requirement, ensuring all Bond students engage in various extra-curricular activities that complement their academic studies.
- **[Clubs and societies](#)**
Students have access to many sporting and social clubs, fitness centres, cafes, restaurants, and support services on offer, all available on campus.
- **[Bond alumni](#)**
Bond has a global network of 33,000 alumni, which is active in over 120 countries around the world, so students can be connected practically anywhere their ambition may take them.

[Skills you need to succeed at university](#)

Going off to university or another tertiary institution to study is exciting, but it can also be challenging. Knowing (and having) some of the skills you need to succeed at university could help you get off to a flying start. So what are they, and how can you build them? Let's find out.

The difference between university and high school

Not sure what to expect from university? Here are a few of the main differences:

- Your university lecturers won't be pushing you as much as your school teachers do.
- Attendance isn't compulsory for the majority of lectures (tutorials and lab work might be more monitored).
- Timetables aren't rigid and you have a lot more choice over the modules and subjects you take.
- There aren't as many scheduled hours, but the workload is probably higher.
- Your day won't start at 9am and finish at 3pm - you could be starting much earlier and have lectures that go on into the evening.
- Assignments aren't just memory tests to show how well you've learned subject matter. You'll need to show deeper understanding and are expected to illustrate your own research, reasoning, and original thoughts.
- You'll have to prioritise your workload and keep track of deadlines yourself.
- If you're having any problems, you need to take action to resolve them yourself.
- Unlike school, your parents or guardians won't be able to get involved, speak with administrative or teaching staff, or receive information about your studies unless you provide written consent.
- Your cohort will be a lot bigger than you're used to at school, with huge diversity in ages and backgrounds.

Human skills you'll need to succeed at university

There are ton of human skills that could help you to succeed at university. You don't have to perfect them all right now, but they're worth working on so you can make sure you're as prepared as possible.

Tip: mentioning these skills in applications and interviews and showing the awareness and effort to develop them could help boost your chances of success.

Self-motivation

While it's tempting to have a lie in and then meet your friends for lunch, that's a day wasted.

Remember, you're in charge - lecturers and tutors expect you to do the necessary work in your own time. You'll need to be efficient, productive, and use resources effectively by yourself.

Collaboration

Be involved, go to lectures, speak up in discussions - the more active you are, the more you'll get out of your course. You'll also need to actively listen and work well with others (yes, the dreaded group assignment).

Critical thinking

Most of your assessment will probably require a high level of research and analysis, as well as being able to draw your own conclusions.

Communication

This is essential at university - you'll be doing a lot of writing and speaking, and being able to express yourself clearly and succinctly is key in a lot of assessment.

Time management

Plan ahead and note down all your commitments, from lectures and tutorials to assessment and test deadlines. This will help you make the most out of your studies and social life.

Independence

No surprises here - you'll need to take care of your own needs and be responsible for your decisions and actions.

Other valuable skills to work on

The skills mentioned above are [human \(or soft\) skills](#), but there are lots of the practical skills that could benefit you too:

Reading and research

Knowing how and where to find the right information, scanning it quickly, and taking away the most important points will make your life much easier at assessment time.

Note taking

Work on ways to make thorough, accurate notes that make sense later on. Your future-self will thank you.

Referencing

It's critical that you're accurate and thorough in your referencing - plagiarism is a big deal at university. Find out what's expected of you as soon as possible and start practising. Most universities have lots of resources for students on referencing you can take advantage of as well.

Budgeting

This will not only help your money go further and ensure you don't have to miss out on the fun stuff, but it could help you to reduce the money you have to pay back when you graduate.

Cooking

If you can't already cook, now is a good time to learn. You'll save a fortune if you can plan and make meals at home, and it'll probably be better for your health than living on take away.

How can you work on these skills?

Be proactive, find your weaknesses, and show them who's boss.

- Find part-time or casual work
- [Volunteer](#)
- Undertake a work experience placement
- Take short courses online
- Ask your friends, teachers, and trusted adults for tips
- Do some research online

Don't stress about the learning curve

If you're looking at this list and feeling overwhelmed, remember you can probably already tick off lots of the skills we mentioned. All you need to do is focus on the ones that you haven't addressed and you'll be set.

By the time you start at university, you'll be better prepared and could save yourself a whole lot of stress - which will leave more time for acing your studies and having fun.

[You can find more blogs, tips, and information about university study and life on our website here.](#)

Entrepreneurship

[Business ideas to consider while you're at high school](#)

Coming up with a business idea while you're still at high school might seem like a bit of a stretch, but [over a 100 million people worldwide were self-employed in 2023](#), and they all started somewhere. If your venture is successful, you never know where it could all end, but one thing is for sure – you'll definitely learn a lot along the way. So, if you'd like to earn a bit of extra cash, start saving for your future goals, or dream about becoming a business guru, we have a few ideas that could work for you (or at least spark your creativity).

Keep your business idea simple and safe

Before you race off and get started, spend a while considering your business plan. Do some research into the potential demand for your goods or services, ask for advice and input from other people, and check out competitors as well.

For now, keep your idea as basic as possible. You can always build on your business and expand later on. When you're just starting out, try to reduce your risks so you don't end up wasting your time or money.

Small business ideas and inspiration to consider

Lots of goods and services are more in-demand than ever, and you could come up with a genius new way to appeal to lots of people and start making money quickly. Here are some business ideas you can still do while at high school:

Get creative

Make handmade items then sell them online, through local social media groups, or sign up to sites like [Etsy](#). As well as traditional goods, you could create custom portraits of people or pets, create bespoke artwork, posters, illustrations, murals and more.

Sell your skills

If you have a particular set of skills you can use to help other people, you could sign up with freelancing marketplaces such as [Fiverr](#), [Airtasker](#), or [Upwork](#). Or you could offer to tutor other students, either in person or online, if you're doing great in a particular subject.

Get handy around the home

There are lots of odd jobs people need done around the house that they are willing to pay someone else to do. You could do car washing and detailing, lawn mowing and weeding, simple repairs and DIY jobs, bin cleaning, or look after plants and pets for people while they're on holiday.

Be a content creator

Nowadays, there are heaps of avenues for making money on the internet. Pick a topic you're passionate about and produce your own podcasts or YouTube videos, start a TikTok channel, or even become a blogger.

Create culinary delights

If you're great in the kitchen, consider baking delicious treats to sell to friends and family or at community markets. You could also make picnic or gift hampers, start a meal delivery service, or teach others how to make delicious and nutritious meals.

Leverage your tech knowledge

Have technical skills and a fantastic idea? Use them to create an app, develop a game, or design a website. You could even provide technical support for people who need to set up IT systems or an online presence for their business.

Get sporty

Love being active and staying fit? You could offer personal training or group fitness services, start an inspo Instagram, or help to run sporting and fitness events in your community.

Don't overcommit yourself

Before you start, you'll need to figure out how much time you can commit without interfering with other aspects of your life that are important too – especially school work and sleep. Remember to always make sure you can meet your business obligations so you don't let customers down. A good reputation is really important in helping you keep and grow your customer base.

Find out more

If you're feeling inspired, [you can find more business ideas and information for high school students about work on our website here.](#)

Skills for Work

Example responses to job application questions

You might have already thought about doing mock interviews to practise answering interview questions. It is, after all, a crucial stage of any job application. But before you even get to the interview, you might be required to answer some questions as part of the initial application. If you're feeling a bit unsure about how to answer job application questions, we're here to go through what you might be able to expect and provide some example responses for you to follow.

Tips for answering job application questions

Before we begin, here are some of our tips to help you ace your application.

- Don't just answer the question reflexively - give some thought to what the employer is trying to find out and respond appropriately.
- Use the job description and your research on the company to supplement your answer with relevant information.
- Use the STAR technique (AKA "show don't tell") to answer where possible. Provide concrete examples, not just statements.
- Write original answers - don't copy and paste from your resume or use AI (employers can tell).
- Avoid plain "yes" or "no" answers.
- Don't leave fields empty.

Common questions you might be asked

Here are a few example job application questions and responses to help you out if you're struggling with writer's block. We recommend you don't just copy the answers - use them as inspiration.

Why do you want to work here?

Employers want to know if you've given serious consideration to your application. You need to show that you've done your research and understand exactly what the job entails.

"Your company stood out when I was researching the leading IT Solutions companies. I am aware of your dedication to the development of innovative consumer products and I believe that this role would be the perfect fit considering my strong IT background."

Why do you think you are suitable for this role?

Explain how your skills, knowledge and experience match the job outline, while also explaining your motivation and goals.

"I have always wanted to work as graphic designer that embraces change and provides great user experience. My studies have helped me to develop key artistic and organisational skills, while the experience that I gained from working on the school magazine has been the ideal preparation for a job in this field. I would relish the opportunity to be part of the team that works on your upcoming projects to learn more about the processes involved."

Can you briefly outline your relevant skills and experience?

Even if you haven't got any direct experience, yet, you can still highlight any transferable skills that relate to the role. Turn your answer into a positive one by making it clear that you want the job in order to gain experience in the area.

"Although I haven't had the opportunity to get work experience in a marketing company yet, I have already created high level concepts that have been used by the organisation where I volunteer, I was the copywriter on a number of marketing campaigns through the school magazine and have generated interest in my work through my website, which I designed myself."

Can you give us an example of how you made a positive contribution to a team and what the outcome was?

Talk about a time that you were recently expected to achieve a goal in a team setting. Discuss how you went above and beyond to ensure that your contribution made a difference.

"I was elected as captain by my soccer team and committed to winning a few games this season. Along with the coach, I implemented a reward system and encouraged everyone to attend extra training and organised some workshops with other professionals."

Tell us about your strengths

Identify two or three of what you'd consider to be your best attributes. If you're struggling to think of what they are, what do you often get good feedback for? Make sure you mention how they'd be an asset to the job you're applying for.

What are your weaknesses?

You don't want to undersell yourself or turn off employers, but you also don't want to say nothing. This is an opportunity to show your self awareness. Follow up with how you'd like some professional development in that area and mention how you've already been working towards it - a specific goal that you're working towards perhaps?

For example, if you're a bit shy, you could talk about ways that you're taking on public speaking roles and putting yourself forward for leadership or performing roles at school to.

We all have to start somewhere

You don't have to wait until you're applying for a job to start practising how to answer application questions. You could go online and find jobs similar to the ones you think you'd like to apply for, then go to the application page and copy the questions. Write your answers and ask somebody else to read them and suggest ways you could improve.

If these example responses to job application questions have you wanting more tips, [you might like to read some other blogs on our website here](#).

The Gap Year

10 famous people who took gap years

There are lots of times you might want to take some time out, whether it's before further study, before starting your career, or in between jobs. And sometimes a break can be more beneficial than trying to push on when you're already burnt out or uninspired. In this blog, we'll look at some examples of 10 famous people who took gap years and went on to be hugely successful.

10 famous people who took gap years

If you or your parents need some convincing that a gap year isn't a bad thing, have a quick look at this list - it could help change your minds.

Steve Jobs

The co-founder, chief executive, and chairman of Apple famously dropped out of college to spend a year in India. He spent months meditating in the mountains and learning how to tap into what was important to him, before returning home and revolutionising the world of technology with the invention of the Mac. Interestingly, the only class he ended up taking in his short time at college was a calligraphy class - and it did end up being useful to him later, as he describes:

"Because I had dropped out and didn't have to take the "normal" classes, I decided to take a calligraphy class ... It was beautiful, historical, artistically subtle in a way that science can't capture, and I found it fascinating. None of this had even a hope of any practical application in my life, but ten years later, when we were designing the first Macintosh computer, it all came back to me—and we designed it all into the Mac.

If I had never dropped out, I would have never dropped in on that calligraphy class and personal computers might not have the wonderful typography that they do."

- Steve Jobs, [2005 Stanford Commencement Address](#)

Malia Obama

Feeling like she needed to spend some time out of the shadow of her dad, former US President Barack Obama's oldest daughter decided to take a gap year between finishing school and heading off to further study. She travelled South America and experienced real life first-hand: staying in local homestays, taking public transport, and volunteering wherever she could.

Emma Watson

Probably known best for her role in the wildly successful *Harry Potter* film series, a less-known fact about Emma Watson is that she decided to move away from acting in 2016 to focus on personal development and her interest in gender issues instead. What started as a gap year turned into several gap years, but during this time she accomplished many incredible things, including starting a feminist book club, launching a legal helpline for people who have suffered sexual harassment in the workplace, travelling internationally to advocate for the education of girls, investing in sustainable alternatives to petrochemical products, and more.

Prince William

Even royalty need a break sometimes! While his father didn't really approve, Prince William was determined to experience life outside the palace. His gap year consisted of British Army training exercises in Belize, working on dairy farms in England, visiting charities in Africa, and ten weeks teaching children in southern Chile. He also spent a fair bit of time scrubbing toilets (true story) and even had a go at being a local DJ.

Benedict Cumberbatch

British actor Benedict Cumberbatch has had a varied and successful career, which he attributes not to his education, but to the year he spent teaching English to Tibetan Buddhist monks in India. While there he threw himself into the culture and lifestyle, learning to meditate and tapping into his spiritual side. This is what he had to say about his gap year:

“They were amazingly warm, intelligent, humorous people. Hard to teach English to. I built a blackboard, which no previous teachers seem to have done. With twelve monks in a room, with an age range of about eight to forty, that’s quite important. But they taught me a lot more than I could possibly ever teach them.

They taught me about the simplicity of human nature, but also the humanity of it, and the ridiculous sense of humour you need to live a full spiritual life.”

- Benedict Cumberbatch, [Interview with Lion's Roar](#)

Amazingly, he would return to the Himalayas many years later to film *Doctor Strange*, where he took some time off filming to reconnect with the culture and tradition that had inspired him.

Hugh Jackman

After finishing school, Hugh Jackman decided to delay going to university to instead work as a teaching assistant in the UK. At one point, he was even in the classroom teaching 14 year olds. He returned home to study a Bachelor of Communications at UTS. In his final year he enrolled in a drama class because he'd heard it was "easy to pass" - but it ended up changing the trajectory of his career. "In that week I felt more at home with those people than I did in the entire three years at university," he said.

Ed Sheeran

When you're topping charts with your music, touring the world, and have just been named artist of the decade, it might seem a bit strange to want to leave it all behind. But that's exactly what Ed Sheeran did in 2016, announcing that he was taking time off from music and public life to simply “travel, write and read”. He spent time roadtripping in Australia, bungy jumping in New Zealand, white water rafting in Fiji, and watching the northern lights in Iceland.

Bradley Cooper

Many years before his acting career took off, Bradley Cooper decided to spend 6 months as an exchange student in Aix-en-Provence in the south of France. Why? Just to learn French, of course!

“When I was a kid, I remember watching *Chariots of Fire*. And French is the official language of the Olympics. So there’s a scene where a guy was speaking French and I thought, ‘Man, that sounds so cool. I want to learn French.’”

Bradley Cooper, [Interview with PEOPLE](#)

Mark Zuckerberg

It's one of the most successful social media sites in history, but it wasn't always smooth sailing at Facebook. Amidst tough competition and intense buyout pressure in 2008, Mark Zuckerberg took some advice from his friend and fellow tech entrepreneur Steve Jobs - do what I did and take some time off to travel. So he spent a month travelling India and reflecting on his career, before returning to make Facebook bigger than ever.

Charles Darwin

After dropping out of medical school and neglecting his studies to become a clergyman, Charles Darwin received an invitation to an expedition around the coast of South America that would change the course of history. Despite his father's objections, Darwin decided to go anyway, and it was on this voyage that he formed his theory of evolution. He described the trip as "by far the most important event in my life. It determined my whole career."

Taking a gap year could pay off

Remember, a gap year isn't a break from learning altogether; it's just a break from traditional forms of learning like school and university. Spent the right way, a gap year can have great benefits for you professionally, academically, and personally.

If the stories of these 10 famous people who took gap years still didn't quite win you over, [you can read more about the advantages of a gap year on our website here.](#)

Job Spotlights

[Discover career pathways in Telecommunications](#)

Telecommunications is a dynamic pathway that focuses on the transmission of information through various channels, such as telephone lines, radio waves, and computer networks. It includes a wide range of technologies and services that enable us to communicate and connect with others regardless of distance, from mobile phones to fibre-optic cables. This pathway might be right for you if you enjoy exploring the latest advancements in technology and communication systems.

What do careers in this pathway involve?

Telecommunications is all about keeping people connected. Whether you're working hands-on as a technician installing internet and phone services, designing networks that connect entire cities, or troubleshooting connection issues, your main focus will be on making sure everyone can communicate effectively.

This field offers lots of different career options – from practical, hands-on roles to technical design positions – and since technology is constantly advancing, there's always something new to learn.

What are some important human skills for this pathway?

- Digital literacy
- Critical thinking
- Innovation
- Making decisions
- Adaptability

What are some of the tasks involved?

- Inspect, test, and maintain systems
- Install new equipment
- Troubleshoot technical issues
- Monitor network performance
- Design new systems
- Plan project budgets and timelines
- Lead teams of workers
- Monitor regulatory compliance
- Stay up to date with industry changes

What kind of work environment and conditions can I expect?

This pathway includes roles in all kinds of environments, from desk work to field work. Some office jobs may allow for remote working, but hands-on roles will require you to be on-site. Most workers in this field work either full-time or part-time, with some casual roles and contract work available too. Self-employment is relatively uncommon.

The Clusters in telecommunications

Find out more about the kind of work people in each [Career Cluster](#) might do in this pathway.

Guardians

Guardians in this pathway help to ensure the security and reliability of telecommunication services.

Linkers

There aren't a lot of Linkers in this pathway, but you might connect telecommunications providers with consumers, regulators, and partners.

Coordinators

Coordinators are vital in this pathway to manage telecommunications networks, from infrastructure to customer service.

Informers

Informers in this pathway are responsible for educating users on telecommunications services, features, and security.

Makers

Makers are the backbone of this pathway, operating and maintaining telecommunications equipment and networks.

Innovators

Innovators in this pathway use their skills to develop new telecommunications technologies and service offerings.

Where can a telecommunications pathway take me?

Interested in a career in telecommunications? There are many roles you might like to consider – here are just a few.

Entry level roles

These jobs can be started with little or no training or experience, and are great as a stepping stone towards more senior roles in the pathway.

Cable Technician

Install and repair cable services (like TV, internet, and phone) in homes and businesses, running cables, setting up equipment, and troubleshooting connection issues.

Telecommunications Linesworker

Construct and maintain the physical network of telephone and internet lines, working on poles and underground systems to install, repair, and connect telecommunications infrastructure.

Telecommunications Technician

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Install, maintain, and repair telecommunications equipment like routers, switches, and fibre optic systems in both residential and commercial settings.

Mid-level roles

Once you have some further study or experience under your belt, you might like to consider moving into one of these roles.

Network Designer

Plan and create the layout of telecommunications networks, deciding where to place equipment and how to connect different parts to provide the best coverage.

Systems Engineer

Manage the overall telecommunications infrastructure, making sure all the different parts work together properly and fixing any technical issues that come up.

Telecommunications Engineer

Design and oversee telecommunications systems (like mobile networks and internet infrastructure), making sure they work efficiently and can handle lots of users at once.

Senior level roles

These jobs will require extensive further education or many years of experience, but are also highly rewarding.

Technical Director

Lead teams of engineers and technicians, making sure everyone works together effectively and keeping up with new technology trends.

Chief Technology Officer

Make decisions about what technology the company should use and invest in, working closely with other company leaders to shape the future of the business.

Project Manager

Coordinate teams of engineers, technicians, and other professionals to get big projects done on time and within budget.

Similar pathways

If these careers aren't quite right for you, you might like to explore some other similar pathways instead.

Utilities

Manage, maintain, and distribute essential services such as electricity, water, and gas.

Electrical Engineering

Design, analyse, and develop electrical systems for various industries and applications.

Network Administration

Manage and maintain computer networks, troubleshoot issues, and ensure smooth operations.

How can I build experience in this pathway?

If you're still in high school and want to find out if a career in telecommunications is right for you, here are some activities you can do:

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- Study basic networking to understand data transmission
- Research telecommunications standards like 5G
- Take a virtual tour of a telecommunications centre

We recommend studying these subjects in high school:

- English
- Mathematics
- Technology
- Engineering

Here are some suggestions of places you might like to try and find work experience:

- Telecommunications companies
- Tech start-ups specialising in telecommunications solutions
- Electrical businesses
- Data centres
- Mobile phone providers

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