

Electronics and Communications Apprenticeship

FACT SHEET

As a Communications Apprentice, you'll learn how to install, maintain and fix the communication systems that keep a major energy site connected and operating safely. This includes working with all kinds of equipment – from fibre optic cables and data networks to security systems, radios, and audio-visual gear.

You'll learn how to test and troubleshoot systems, work with both digital and analogue tech, and follow strict safety standards. It's a hands-on role where you'll be learning on the job with experienced tradies and gaining real-world skills that are used every day across the oil and gas industry.

Where will you be working?

You'll start your training at Woodside's Production Training Academy, located at the Karratha Gas Plant. This is where you'll build a solid foundation learning how the LNG (liquefied natural gas) process works and picking up key industry and site knowledge.

After a few months, you'll join the Communications Team supporting the Burrup Production Facilities. You'll be learning on the job, working alongside qualified technicians and getting hands-on experience maintaining the systems that keep the site connected.

As you progress through your apprenticeship, you'll also have the opportunity to complete secondments with other local companies to broaden your skills and experience.

What equipment will you be working on?

You will get hands-on experience with a wide range of systems and equipment, including:

- **Radio and communication systems** - UHF, VHF, digital radios, and ship-to-shore equipment
- **Telephony systems** - PABX and VoIP telephone systems
- **Security and monitoring systems** - CCTV, access control, alarm systems (e.g. SCADA and Firemon), and mooring pin calibration for shipping load monitoring
- **Network infrastructure** - mesh networks, switches, access points, modems and routers
- **Transmission systems** - microwave links and tropospheric scatter links



- **Audio and visual systems** – public address (PA) systems and offshore radar
- **Fibre optic systems** - including installation and testing of fibre links used for critical site communications

You'll also learn to use specialist testing and diagnostic tools to install, maintain and troubleshoot these systems safely and effectively.

What types of tools and equipment will you use?

You'll use a range of tools to install, connect, and troubleshoot communication systems. Each tool plays a key role in helping you get the job done safely and correctly. These include:

- **Hand tools** – like pliers, screwdrivers, cable strippers, crimpers and punch-down tools. These are used to prepare, connect and secure cables into sockets, panels, and communication hardware.
- **Power tools** – including cordless drills, grinders and cable cutters, used for mounting equipment, running cables, and installing hardware in challenging or tight spaces.
- **Testing equipment** – such as multimeters, signal strength meters, tone and probe kits and OTDRs (optical time-domain reflectometers). These are used to check connections, identify faults, and make sure systems are working as expected.
- **Networking tools** – like label makers, cable testers and patch panel tools, which help you organise and test cabling for network and data systems.

You'll be trained to use all tools safely and efficiently, gaining confidence and skills with each job.



What training will be provided?

Over the four-year apprenticeship, you'll receive:

- **Initial onboarding and ongoing technical** training through Woodside's Production Training Academy
- **Regular TAFE blocks at North Metropolitan TAFE**, where you'll work towards completing a Certificate III in Electronics and Communications. This leads to a trade certificate in Radio Communications and a Restricted Electrical Licence.
- **Additional safety and trade-related training**, including tickets for Forklift, Dogging, Elevated Work Platform, Confined Space, Working at Heights, Fire Fighting, and First Aid

What do you need to apply?

To be successful in this role, you'll need:

- Successful completion of Year 12 (or equivalent age level)
- A strong willingness to learn and take on new challenges
- A genuine interest in building a long-term career in the trade
- The ability to work well in a team and follow instructions
- Good problem-solving and technical thinking skills
- A good level of physical fitness and a commitment to health and wellbeing
- You'll need to be prepared to travel to Perth for TAFE – flights, accommodation, and a meal allowance are provided.

You don't need previous experience - just the right mindset and a genuine interest in developing a trade career.

About Woodside Energy

Woodside Energy is a global energy company, founded in Australia with a spirit of innovation and determination. They provide the energy the world needs to heat and cool homes, keep lights on, and enable industry.

Woodside led the development of the LNG industry in Australia. Today, Woodside aims to thrive through the global energy transition.

Woodside's success is driven by its people, and they aim to attract, develop and retain a diverse high-performing workforce. Their proven track record and distinctive capabilities are underpinned by more than 65 years of experience, making Woodside an employer and partner of choice.

These apprenticeships are delivered in collaboration with **Programmed**, a Group Training Organisation and recognised leader in apprentice employment and support.

As your legal employer, Programmed is with you every step of the way. You'll have a dedicated Training Coordinator who provides regular check-ins, mentoring, and support to help you succeed - on the tools, with your studies, and in your career.

We're more than just your employer - we're here to back you, guide you, and help you grow into a confident, capable tradesperson.

For more information and to apply, visit programmed.com.au/woodside