

STUDENT PROGRAM INFORMATION

DUAL TRADE APPRENTICESHIP

- > **CERTIFICATE III IN ELECTROTECHNOLOGY ELECTRICIAN (UEE30820)**
- > **CERTIFICATE III IN AIR CONDITIONING AND REFRIGERATION (UEE32225)**



ABOUT THE QUALIFICATION

This unique 5-year dual trade apprenticeship supports a career working across both electrical systems and HVAC&R (Heating, Ventilation, Air Conditioning and Refrigeration) systems. You will complete the Certificate III in Electrotechnology Electrician (UEE30820) and Certificate III in Air Conditioning and Refrigeration (UEE32225) together, building the full capability expected of a dual-trade technician.

Electricians and HVAC&R technicians play an important role in powering buildings, maintaining comfortable environments, preserving food and medicines, and supporting critical industries and infrastructure. As a dual-trade apprentice, you'll develop skills across both disciplines, giving you a broader range of technical knowledge and career opportunities.

This apprenticeship teaches you the skills to install, set up, test, repair and maintain electrical systems and equipment in buildings. You'll also learn how to install, set up, test, troubleshoot, repair and maintain refrigeration and air conditioning systems.

You'll learn how to work with electrical, refrigeration, and air conditioning systems used in homes, commercial buildings, industrial facilities and critical infrastructure. You'll also learn how to safely handle refrigerants and undertake electrical work in accordance with industry and licensing requirements.

COURSE ADMISSION REQUIREMENTS

To enrol in and complete this qualification, you must be employed as an apprentice under a contract of training.

Students are also required to complete a language, literacy, numeracy and digital assessment. This assessment helps identify whether any additional support may help you succeed during your apprenticeship.

ADDITIONAL REQUIREMENTS

LICENCES

Dual trade apprentices must apply for and hold the following training licences. You will be supported to apply for these during your orientation session. Please note that a small fee applies to the Refrigerant Handling Licence.

LICENCE	ACTION REQUIRED
Electrical Licence (In Training)	CBS will contact you via your personal email after your Training Contract has been approved and TAFE SA has provided your details. Action this as soon as possible: cbs.sa.gov.au
Refrigerant Handling Licence (TL000)	Apply through: arctick.org

LVR/CPR

As a dual trade apprentice, you are also required to complete and maintain the following competencies:

- > HLTAID009: Provide cardiopulmonary resuscitation.
- > UETDRMP0007: Perform rescue from a live low voltage panel.

You will complete these units as part of your first year of training. After that, it is your responsibility to ensure these certifications remain current.

PROFILING (ON-THE-JOB EVIDENCE)

Throughout your apprenticeship, you'll complete workplace profiling through Exemplar. This is used to verify that you are exposed a wide range of jobs and tasks as part of your apprenticeship.

You will receive an e-mail directly from Exemplar with your log in details. This will go to your personal account.

During Orientation, you'll be supported to set up your account using your personal email address.

Your Responsibilities:

- > Submit profiling cards every week.
Your supervisor will need to approve them.
- > Keep profiling up to date.
- > Reach at least 85% completion of core units before undertaking your final Capstone assessment.

CAREER OUTCOMES

Completion of this qualification meets the requirements to apply for a Full Refrigerant Handling Licence and a South Australian Electrician's Licence, providing access to a wide range of career opportunities across the electrical, refrigeration, air conditioning and clean energy industries.

Dual-trade electricians and air conditioning and refrigeration mechanics install, maintain, troubleshoot and repair electrical, refrigeration and climate control systems. They play a vital role in keeping homes, businesses, industries and critical infrastructure operating safely and efficiently.

Career opportunities include working in:

- > Residential homes, installing and maintaining electrical, air conditioning and refrigeration systems
- > Commercial buildings such as shopping centres, hotels, schools, hospitals and office complexes
- > Industrial and manufacturing facilities, including pharmaceutical, food and beverage production plants
- > Refrigeration and cold chain operations, including supermarkets, distribution centres and cold storage warehouses
- > Data centres and critical infrastructure, supporting specialised electrical, automation and cooling systems
- > Construction and mechanical services, installing and commissioning systems in major commercial and infrastructure projects
- > Renewable and clean energy industries, including solar, battery storage and energy-efficient technologies
- > Building automation and smart technologies, including controls, energy management and intelligent building systems
- > Transport and specialised industries, including rail networks, marine vessels and cruise ships
- > Agriculture and primary industries, supporting livestock facilities, greenhouses, food processing plants and produce storage facilities

With experience, you may choose to specialise in areas such as electrical installation, renewable energy, commercial refrigeration, industrial cooling, air conditioning, controls and automation, building management systems, energy efficiency, project management or running your own business.

These hands-on trades offer variety, problem-solving and opportunities to work across a diverse range of industries throughout Australia and around the world. As a dual-trade qualified electrician and air conditioning and refrigeration mechanic, you'll have the flexibility to work across multiple industries and emerging technologies, creating a broad range of career pathways and opportunities for advancement.

WHAT YOU'LL NEED

All learning materials required for your study will be provided.

During your training, you will occasionally need to access the internet and complete online learning activities. You are welcome to bring your own laptop, or you can borrow one through the on-campus laptop loan program.

Some units also require the use of a scientific calculator. Calculators are available for student use; however, if you prefer to use your own, we recommend a Casio FX-82.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Dual trade apprentices are required to wear appropriate safety clothing and personal protective equipment (PPE) while participating in practical training on campus.

You will need:

- > Long cotton drill work pants
- > Safety boots
- > Clear safety glasses

Most apprentices choose to wear their employer's work uniform while attending training.

Appropriate PPE helps ensure a safe learning environment and prepares you for working in industry-standard conditions.

HOW IS THE QUALIFICATION DELIVERED?

To complete the Certificate III in Air Conditioning and Refrigeration, you are required to complete a total of 1,210 weighting points, consisting of:

- > 990 core weighting points across 27 units of competency (subjects)
- > 120 general elective weight points

To complete the Certificate III in Electrotechnology Electrician, you are required to complete a total of 1110 weighting points, consisting of:

- > 1,070 core weighting points across 27 units of competency (subjects)
- > 140 general elective weighting points

A full list of units of competency is available on the TAFE SA website under the **Dual Trade** course page.

EFFICIENT DELIVERY

The dual trade apprenticeship has been designed to maximise the overlap between the two qualifications. Shared and related units are delivered together, allowing you to build complementary electrical and refrigeration skills in an efficient and practical way.

Through a combination of integrated training, credit transfer and Recognition of Prior Learning (RPL), you'll gain all the skills and knowledge required to become dual qualified while completing both trade qualifications within a five-year dual trade apprenticeship.

YEAR	WHAT YOU'LL STUDY
Year 1	Enrol in and study 19 units of competency Receive credit for 10 units of competency Undergo RPL for 1 unit of competency
Year 2	Enrol in and study 8 units of competency Undergo RPL for 5 unit of competency
Year 3	Enrol in and study 7 units of competency
Year 4	Enrol in and study 7 units of competency Undergo RPL for 2 unit of competency
Year 5	Enrol in and study the 2 capstone units of competency Undergo RPL for 1 unit of competency

By combining two closely related trades into a single training pathway, you'll develop a broader range of technical skills while avoiding unnecessary duplication of learning. This means you'll graduate with qualifications as both an Electrician and an Air Conditioning and Refrigeration Mechanic, creating access to a wider range of career opportunities across electrical, refrigeration, air conditioning, automation and clean energy industries

TRAINING SCHEDULE

Training is delivered through block release at TAFE SA's Tonsley campus, with apprentices attending training for one to two weeks at a time throughout the year while continuing to work with their employer.

Classes are typically scheduled from 7:45 am to 4:30 pm and include:

- > Two 15-minute breaks
- > One 45-minute lunch break

This training model allows you to develop practical skills and industry knowledge in the classroom and workshop, while gaining valuable hands-on experience in the workplace.

HOW MUCH TIME WILL I SPEND AT TAFE SA?

During your apprenticeship, you will spend a total of 39 weeks attending training with TAFE SA across 5 years. Training blocks are scheduled throughout the year and may vary slightly depending on your commencement date

YEAR	WEEKS AT TAFE SA
Year 1	11 weeks
Year 2	9 weeks
Year 3	8 weeks
Year 4	7 weeks
Year 5	3 weeks
Total	38 weeks

The block release format helps you build your skills progressively throughout your apprenticeship, giving you the opportunity to learn at TAFE SA and then apply those skills on the job with your employer.

As you progress through the apprenticeship, you'll spend more time in the workplace and less time at TAFE SA. This allows you to consolidate your skills in a real work environment and take on increasing levels of responsibility as your experience grows.

NEXT STEPS

Once you've completed the apprenticeship sign-up process, here's what happens next.

STEP 1: TRAINING PLAN APPROVAL

Once Skills SA approves your Training Contract, it will be linked to your Training Plan.

TAFE SA will then email you:

- > Your approved Training Plan
- > A Fee Advice outlining any applicable fees

STEP 2: COMPLETE YOUR LLND ASSESSMENT

Before you can be booked into Orientation, you will need to complete a **Language, Literacy, Numeracy and Digital (LLND) Assessment**.

You will receive an email with instructions on how to book your assessment. This assessment forms part of your training and can be completed during work hours. Speak with your employer to arrange a suitable date and time.

Important: Completion of the LLND Assessment is mandatory. You cannot progress to Orientation or receive your Orientation invitation until it has been completed.

ASSESSMENT OPTIONS

You can complete your assessments through one of the following options:

- > Face-to-face at a TAFE SA campus
- > Virtual classroom
- > Online with supervision

Where required, TAFE SA may provide additional support, including bridging units and learning assistance. More information is available at: students.tafesa.edu.au/getting-started/LLN

STEP 3: ATTEND ORIENTATION

You'll receive an email with your Orientation date. Orientation is mandatory. You cannot be enrolled into classes until Orientation is completed.

During Orientation you will:

- > Receive your student account and TAFE SA email address
- > Learn how to use Self Service, TAFE SA's online registration system
- > Learn how to register for classes
- > Set up your Student ID card
- > Tour the campus
- > Meet support staff and industry representatives

What to bring:

- > Long cotton drill work pants
- > Safety boots
- > Clear safety glasses (most apprentices wear their work uniform)
- > Pens and a notebook
- > Photo identification (required for Orientation only)

STEP 4: REGISTER FOR CLASSES

After Orientation, both you and your employer will receive your training schedule, often referred to as a "call-up."

Before registering, make sure you:

- > Confirm your employer can release you from work to attend training
- > Check that your training dates do not clash with holidays or planned leave

You must register yourself into each class through Self Service before attending.

YOU'RE READY TO BEGIN

Once you've completed these steps, you'll be ready to start your off-the-job training at TAFE SA and begin developing the skills and knowledge required to become a dual-trade qualified Electrician and Air Conditioning and Refrigeration Mechanic.

WHAT SUPPORT IS AVAILABLE?

At TAFE SA, you'll have access to a range of free and confidential support services designed to help you succeed throughout your apprenticeship.

Whether you need help with your studies, career planning, personal wellbeing, or understanding apprenticeship requirements, support is available when you need it.

For information on student services, support and important resources, visit the **TAFE SA Student Website**.

USEFUL LINKS

TAFE SA RESOURCE	LINK
Apprentices & Trainees General Information	students.tafesa.edu.au/information-for/apprentices-and-trainees
Student Counselling	students.tafesa.edu.au/getting-help/counselling
Careers Counselling	students.tafesa.edu.au/getting-help/career-support
Financial Information	students.tafesa.edu.au/information-for/apprentices-and-trainees/financial
Learning Support	students.tafesa.edu.au/getting-help/learning-support#Bridging%20Units

SUPPORT SERVICES AVAILABLE

TAFE SA offers assistance in a range of areas, including:

- > Learning Support for study skills, literacy, numeracy and digital skills
- > Bridging Units to help build foundation knowledge where required
- > Student Counselling for personal and wellbeing support
- > Career Support to help you explore future career pathways and opportunities
- > Financial Information and Assistance to help you understand fees, concessions and available support

NEED HELP?

If you're unsure where to find information or who to talk to, start with the TAFE SA Student Website. It contains helpful information, support contacts and resources to help you get the most out of your apprenticeship and training experience.

Remember, asking for help is a normal part of learning. TAFE SA's support services are there to help you stay on track and achieve your goals.