SUPERIOR TRAINING CENTRE

RTO ID NUMBER 41122 CRICOS PROVIDER 03591C

- ELECTRICAL
- AIR CONDITIONING
- METAL FABRICATION

BUILDING A FUTURE ON A TRADES CAREER

WELCOME TO THE FUTURE OF THE TRADES INDUSTRY

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ABOUT US

Superior Training Centre (RTO ID 4112 CRICOS Provider 03591C) is a specialised Australian-owned and operated registered training organisation (RTO). Superior Training Centre was created in 2015 to serve a niche training market for Electrotechnology Electrician, Heating, Ventilation Air Conditioning and Refrigeration (HVAC&R). STC delivers nationally recognised training that students and apprentices require to develop their skills to be able to meet the workplace challenges.

Located in Ingleburn, STC is central to many businesses employing the trades as well as the growth corridor of greater Western Sydney. STC brings the industry to the classroom employing tradesmen as trainers and assessors with industry currency and relevant qualifications. STC creates partnerships with leaders in the industry to pass on the knowledge and skills to our students.

WHY ARE WE DIFFERENT?

Superior Training Centre is not your average education provider, started by tradies and taught by tradies. STC has many industry partnerships, endorsements and recognition.

The quality of STC's training has been recognised by the industry and government, accredited to deliver training to apprentices, international students and gap training for overseas trained tradespeople. STC is involved in national standard curriculum development in HVAC&R and pilot programs delivering vocational education and training in high schools.

OUR GOALS

STC is committed to developing initiatives for jobs and apprenticeships, currently partnering with government and non-government bodies to improve trade skills training and opportunities for women in trades. We pledge to continue giving our students skills that will make them tradespeople and help them take control of their careers, income and life.

WE MAKE THINGS HAPPEN

UPSKILLING	Upgrading your resume and get ahead of the competition. Expand your opportunities and close that knowledge gap by making yourself and your industry a safer place to be via quality training. See our website for short courses.
RESKILLING	Reskilling is the perfect opportunity to make the switch to a new industry, increasing the scope of opportunities available. STC assists electrical engineers and experienced but unqualified tradespeople who can do more training to gain a valuable qualification. Whether you're looking to pivot into a growing field or to broaden your expertise, reskilling can provide the knowledge and credentials needed to succeed.
APPRENTICESHIP PROGRAMS	STC holds a training contract with the NSW Government to deliver courses for apprentices in Electrotechnology Electrician, Air Conditioning and Refrigeration and Engineering Fabrication Trade. This training is subsidised by the NSW Government.

UEE30820 (CRICOS CODE 10851D)

Certificate III in Electrotechnology Electrician

The qualification is designed for students wishing to enter the electrical industry for roles including Electrician, Telecommunications Trades Workers and Energy Systems Tradesperson. This qualification provides competencies to select, install, set up, test, fault find, repair and maintain electrical systems and equipment in buildings and premises. It includes ERAC requirements for an 'Electrician's licence'.

Course Duration
129 weeks.

Career Opportunities
Graduated students with relevant experience in the industry can work in many industries across the globe, including electricity & waste service, construction, manufacturing, mining, and solar energy.

Components
Classroom-based and practical training along with Workplace Learning Component requirements.

Entry requirements
There are no formal course entry requirements into this qualification. International students must meet visa, financial (fees/relevant costs) and English language proficiency requirements.

CORE UNITS

- UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
- UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work
- UEECD0019 Fabricate, assemble and dismantle utilities industry components
- UEECD0020 Fix and secure electrotechnology equipment
- UEECD0044 Solve problems in multiple path circuits
- UEECD0046 Solve problems in single path circuits
- UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
- UEECO0023 Participate in electrical work and competency development activities
- UEEEL0003 Arrange circuits, control and protection for electrical installations
- UEEEL0005 Develop and connect electrical control circuits
- UEEEL0008 Evaluate and modify low voltage heating equipment and controls
- UEEEL0009 Evaluate and modify low voltage lighting circuits, equipment and controls
- UEEEL0010 Evaluate and modify low voltage socket outlets circuits
- UEEEL0012 Install low voltage wiring, appliances, switchgear and associated accessories
- UEEEL0014 Isolate, test and troubleshoot low voltage electrical circuits
- UEEEL0018 Select wiring systems and select cables for low voltage electrical installations
- UEEEL0019 Solve problems in direct current (d.c.) machines
- UEEEL0020 Solve problems in low voltage a.c. circuits
- UEEEL0021 Solve problems in magnetic and electromagnetic devices
- UEEEL0023 Terminate cables, cords and accessories for low voltage circuits
- UEEEL0024 Test and connect alternating current (a.c,) rotating machines
- UEEEL0025 Test and connect transformers
- UEEEL0039 Design, install and verify compliance and functionality of general electrical installations
- UEEEL0047 Identify, shut down and restart systems with alternate supplies
- UEERE0001 Apply environmentally and sustainable procedures in the energy sector
- UETDRRF004 Perform rescue from a LV panel

UEE32225 (CRICOS CODE 117748F)

Certificate III in Air Conditioning and Refrigeration

This qualification provides competencies to select components, install, set up, test, fault find, repair and maintain refrigeration systems and equipment that apply to food storage and preservation, air conditioning and air distribution equipment in buildings and premises. It includes regulatory requirements for purchasing and handling refrigerants

Course Duration
125 weeks.

Career Opportunities
Graduated students may continue their vocational education by undertaking a Certificate IV level course from the UEE20 Electrotechnology Training Package such as the UEE42925 - Certificate IV in Refrigeration and Air Conditioning Systems.

Components
Classroom-based and practical training along with Workplace Learning Component requirements.

Entry requirements
There are no formal course entry requirements into this qualification. International students must meet visa, financial (fees/relevant costs) and English language proficiency requirements.

CORE UNITS

- UEECD0007 Apply work health and safety regulations, codes and practices.
- UEECD0016 Document and apply measures to control WHS risks.
- UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
- UEERA0036 Establish the basic operating conditions of vapour compression systems
- UEECD0019 Fabricate, assemble and dismantle utilities industry components
- UEERA0035 Establish the basic operating conditions of air conditioning systems
- UEECD0020 Fix and secure electrotechnology equipment
- UEERA0059 Prepare and connect refrigerant tubing and fittings
- UEERE0001 Apply environmentally and sustainable procedures in the energy sector
- UEERA0050 Install refrigerant pipe work, flow controls and accessories
- UEECD0042 Solve problems in ELV single-path circuits
- UEERL0004 Disconnect – reconnect electrical equipment connected to low voltage (LV) installation wiring*
- UEERL0005 Locate and rectify faults in low voltage (LV) electrical equipment using set procedures*
- UEERL0001 Attach cords and plugs to electrical equipment for connection to a single - phase 230 Volt supply
- UEERL0002 Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c.
- UEERA0062 Recover and charge refrigerants*
- UEERA0079 Safely handle refrigerants and lubricants*
- UEERA0092 Solve problems in low voltage refrigeration and air conditioning circuits
- UEERA0044 Find and rectify faults in single-phase motors and associated
- UEERA0045 Find and rectify faults in three-phase motors and associated controls*
- UEERA0081 Select refrigerant piping, accessories and associated controls
- UEERA0031 Diagnose and rectify faults in air conditioning and refrigeration.
- UEERA0051 Install, commission, service and maintain air conditioning systems*
- UEERA0052 Install, commission, service and maintain low-temperature systems*
- UEERA0053 Install, commission, service and maintain medium temperature systems*
- UEECO0010 Participate in refrigeration and air conditioning work.
- UEERA0094 Verify functionality and compliance of refrigeration and air conditioning installations

UEE20120 (CRICOS CODE 103423J)

Certificate II in Split Air Conditioning and Heat Pump Systems

This Certificate II covers competencies to install, commission and decommission single head, split air conditioning and heat pumps systems to a prescribed routine where the maximum plant capacity for each system does not exceed 18 kilowatts (kW) refrigeration. This includes wall hung, floor and ceiling suspended, cassette and ducted fan coil split systems and water heating heat pump systems.

Course Duration

36 weeks.

Career Opportunities

Graduated students may continue their vocational education by undertaking a UEE32225 Certificate III in Air Conditioning Refrigeration receiving credit transfer for some of the units coursed.

Components

Classroom-based and practical training along with Workplace Learning Component requirements.

Entry requirements

There are no formal course entry requirements into this qualification. International students must meet visa, financial (fees/relevant costs) and English language proficiency requirements.

CORE UNITS

- UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
- UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work
- UEECD0019 Fabricate, assemble and dismantle utilities industry components
- UEECD0020 Fix and secure electrotechnology equipment
- UEECD0027 Participate in development and follow a personal competency development plan
- UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
- UEERA0049 Install and start up single head split air conditioning and water heating heat pump systems
- UEERA0059 Prepare and connect refrigerant tubing and fittings
- UEERA0064 Recover, pressure test, evacuate, charge and leak test refrigerants – split systems
- UEERE0001 Apply environmentally and sustainable procedures in the energy sector
- UEENEEC001B Maintain documentation

MEM31922

Certificate III in Engineering Fabrication Trade

This qualification defines the skills and knowledge required of an engineering tradesperson - fabrication within metal, engineering, manufacturing and associated industries. The qualification has been specifically developed to meet the needs of apprentices in the above trade.

Course Duration
94 weeks - 14 hours per week

Career Opportunities
The qualification is designed for students wishing to enter the Metal and engineering industry for roles including undertaking metal fabrication, structural steel erection, sheet metal work, welding, blacksmithing and surface finishing.

Components
Classroom-based and practical training along with Workplace Learning Component requirements.

Entry requirements
There are no formal course entry requirements into this qualification.

Costs
This training is subsidised by the NSW Government under Smart and Skilled.

CORE UNITS

- MEM09002 Interpret technical drawing
- MEM11011 Undertake manual handling
- MEM12023 Perform engineering measurements
- MEM12024 Perform computations Core
- MEM13015 Work safely and effectively in manufacturing and Core
- MEM14006 Plan work activities Core
- MEM16006 Organise and communicate information
- MEM16008 Interact with computing technology
- MEM17003 Assist in the provision of on the-job training
- MEM18001 Use hand tools
- MEM18002 Use power tools/hand held operations
- MSMENV272 Participate in environmentally sustainable workpractices Core

ELECTIVE UNITS

- MEM05004 Perform routine oxy fuel gas welding
- MEM05007 Perform manual heating and thermal cutting
- MEM05010 Apply fabrication, forming and shaping techniques
- MEM05011 Assemble fabricated components
- MEM05012 Perform routine manual metal arc welding Elective
- MEM05015 Weld using manual metal arc welding process
- MEM05017 Weld using gas metal arc welding process
- MEM05018 Perform advanced welding using gas metal arc
- MEM05019 Weld using gas tungsten arc welding process
- MEM05037 Perform geometric development
- MEM05049 Perform routine gas tungsten arc welding
- MEM05050 Perform routine gas metal arc welding
- MEM05051 Select welding processes
- MEM05052 Apply safe welding practices
- MEM08010 Manually finish/polish materials
- MEM12007 Mark off/out structural fabrications and shapes Elective

UEERA0098

Fire and Smoke Control Training

This unit has been developed by AIRAH and Superior Training Centre to provide technicians with the skills and knowledge required to inspect, test, and repair all safety measures relating to fire and smoke control features of mechanical services systems.

Course Duration
25 hours.

Format
The course is delivered 100% online through our learning platform.

Pre-requisites
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEERA0051 Install, commission, service and maintain air conditioning systems

COURSE OVERVIEW

This unit has been developed by AIRAH and Superior Training Centre to provide technicians with the skills and knowledge required to inspect, test, and repair all safety measures relating to fire and smoke control features of mechanical services systems.

On November 9, 2023, FPA Australia received formal approval from the NSW Department of Customer Service for a Certificate III Pathway for the four mechanical fire safety assessment measures, encompassing fire dampers, smoke dampers, smoke and heat vents, and mechanical air handling systems. This alternative pathway was developed through collaborative efforts with the air-conditioning and mechanical industry, reflecting FPA Australia's commitment to industry engagement and compliance.

To qualify under the Certificate III Pathway, applicants must hold a Certificate III qualification or higher in one of the following fields:

- Engineering
- Construction
- Plumbing
- Electrical
- Fire Safety
- Air Conditioning

The course covers Australian Standards, Building Code requirements, and the statutory responsibilities of building owners, contractors, and service technicians regarding fire and smoke control features in mechanical services systems.
Although the unit does not focus on designing fire and smoke control systems, it does provide a thorough understanding of:

- Different types of mechanical fire safety systems and their installations
- Relevant sections of the Australian Standards, Building Code of Australia, and Building Regulations
- Licensing and permit requirements for electrical installations greater than 50V AC or 120V DC
- Work health and safety (WHS) and occupational health and safety (OHS) regulations
- Additional permits may be required for work in confined spaces, at heights, near live electrical apparatus, or in hazardous environments.

AIR CONDITIONING UPSKILLING

Advance your career with our specialized upskilling programs for graduates who have completed a Certificate III in Electrotechnology or HVAC. These programs are designed to build on your existing skills, broaden your technical expertise, and provide a clear pathway to advanced roles within the industry. With flexible scheduling options and nationally recognized certifications, you can continue your professional development without interrupting your work commitments.

Our courses are delivered by experienced instructors with strong industry backgrounds, ensuring you receive both practical knowledge and real-world insight. Through hands-on projects and applied learning, you will gain the confidence and technical capability to take on more complex responsibilities. Completing these programs not only enhances your qualifications but also positions you for long-term success in a highly competitive field.

Specialist Refrigerants Training

- Low GWP Refrigerants Training
- CO2 Training
- Ammonia Training

ELECTRICAL PATHWAYS

The electrotechnology industry is rapidly evolving, with new opportunities emerging in areas such as renewable energy, solar systems, and battery storage. Our advanced training programs are designed to help qualified electricians strengthen their expertise while staying at the forefront of industry change. Whether your goal is to expand your capabilities, move into specialised fields, or prepare for regulatory requirements, these programs provide a strong foundation for long-term career growth.

For those interested in exploring electrotechnology for the first time, we also offer pathways that provide a practical introduction to the field. By focusing on both current technologies and future industry trends, our programs equip you with the skills to remain competitive in an increasingly sustainable and innovation-driven sector.

Electrotechnology Upskilling

- Solar Installation and Battery Training
- UEERL0004 - Disconnect Reconnect
- (ASP) Class 2D Pathway Course

OVERSEAS TECHNICIANS

Our specialised training programs, including 10878NAT – Course in Air Conditioning and 11297NAT – Course in Electrician, are designed to equip tradespeople with the knowledge and practical skills required to meet industry licensing requirements. These nationally recognised courses provide a structured pathway to formalise your trade expertise, ensuring you meet compliance standards while advancing your professional capabilities.

By combining technical learning with real-world application and a comfortable online delivery, these programs prepare you to operate confidently in line with current regulations and industry expectations. Completing either course not only validates your existing experience but also strengthens your career prospects, opening the door to greater employment opportunities and long-term growth within the trade sector.

Requirements

- Offshore Technical Skills Record for the nominated occupation.
- Provisional License or equivalent.
- Current Australia-Based Employment.
- Previous overseas qualifications.

LOCATIONS

Main Office and Campus:
Level 1 8 Oxford Rd, Ingleburn NSW 2565

Training Centre and Workshop:
55 Stanley Rd, Ingleburn, NSW 2565

Our main campus and workshops are located in the thriving suburb of Ingleburn, with easy access to the train station and on-street parking. There are many local and exotic food options, and many employers are located nearby.

91 North Parade, Mount Druitt, NSW 2770

Superior Training Centre has a campus at Cathwest Innovation College in Mt Druitt, providing aspiring electricians with hands-on training and industry-relevant skills. This partnership offers students a practical pathway to a rewarding electrical career, combining expert instruction with real-world experience.

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