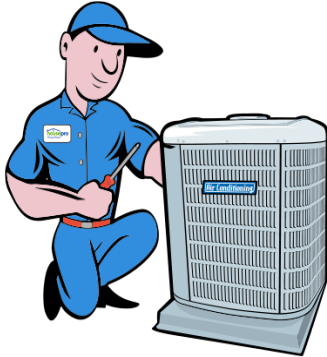


Course Outline

UEE32211 Certificate III in Air Conditioning and Refrigeration



Course Description

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. The duration of the UEE32211 Certificate III in Air-Conditioning and Refrigeration is 9 hours per day, 1 day per week for 118 weeks.

Job Roles and Career Pathways

The qualification is designed for students wishing to enter the Electrotechnology industry for roles including an Air Conditioning and Refrigeration mechanic covering domestic, industrial and commercial premises. Full details can be found at www.training.gov.au

Entry Requirements

Course entry

There are no formal course entry requirements into this qualification.

RTO Entry

This course is recommended for students who wish to enter the industry and has vocational experience in the industry but without any formal qualifications. Students are required to have a limited knowledge and skill base in a variety of Electrotechnology contexts including making judgements, completing routine activities and taking limited responsibility in the Electrotechnology workplace.

Students are required to have language, literacy and numeracy skills as required to undertake these workplace functions.

Intake

Course start dates are as listed on the RTO training schedule.

Further Learning

The UEE32211 Certificate III in Air Conditioning and Refrigeration is a prerequisite for several specialised courses in the Electrotechnology Industry that will help you to further your career.

Students who complete the UEE32211 Certificate III in Air Conditioning and Refrigeration can continue their studies by advancing to the UEE42711 Certificate IV in Air Conditioning and Refrigeration Servicing or any other relevant Certificate IV level qualification.



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UEE32211 Certificate III in Air Conditioning and Refrigeration

Course Structure

This course comprises all the required 25 Core competency units to a total of 1000 points and elective unit stream, totalling 60 points.

The following units of competency will be delivered for this qualification

Core units

UEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEE137A Document and apply measures to control OHS risks associated with electrotechnology work
UEENEE025B Participate in refrigeration and air conditioning work and competency development activities
UEENEE142A Apply environmentally and sustainable procedures in the energy sector
UEENEE104A Establish the basic operating conditions of air conditioning systems
UEENEE103A Establish the basic operating conditions of vapour compression systems
UEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
UEENEE102A Fabricate, assemble and dismantle utilities industry components
UEENEE110A Select refrigerant piping, accessories and associated controls
UEENEE102A Prepare and connect refrigerant tubing and fittings
UEENEE105A Fix and secure electrotechnology equipment
UEENEE106A Install refrigerant pipe work, flow controls and accessories
UEENEE012A Disconnect / reconnect composite appliances connected to low voltage installation wiring
UEENEE024A Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEENEE025A Attach cords, cables and plugs to electrical equipment for connection to 1000 Va.c. or 1500 Vd.c. supply
UEENEE103A Solve problems in ELV single path circuits
UEENEE194A Solve problems in low voltage refrigeration circuits
UEENEE108A Recover, pressure test, evacuate, charge and leak test refrigerants
UEENEE017A Locate and rectify faults in low voltage composite appliances using set procedures
UEENEE153A Find and rectify faults in motors and associated controls in refrigeration and air conditioning systems
UEENEE170A Diagnose and rectify faults in air conditioning and refrigeration control systems
UEENEE107A Install air conditioning and refrigeration systems, major components and associated equipment
UEENEE111A Diagnose and rectify faults in air conditioning and refrigeration systems and components
UEENEE113A Commission air conditioning and refrigeration systems
UEENEE109A Verify functionality and compliance of refrigeration and air conditioning installations

(25 Units - Total 1000 points)

Elective Units

UEENEE167A - Resolve problems in central plant air conditioning systems
UEENEE010B - Deliver a service to customers

Course Outline

UEE32211 Certificate III in Air Conditioning and Refrigeration



Volume of Learning

The volume of learning allocated to a qualification will vary depending on the level of the qualification and the experience and competency of the student. Students must complete the allocated hours for the qualification they are undertaking in order to achieve competency. If the student applies for RPL or Credit Transfer, the volume of learning may be reduced. The hours that make up the volume of learning for UEE32211 Certificate III in Air-Conditioning and Refrigeration are:

Stream A:

Category	Hours
Classroom Based Learning	530
Simulated/Practical Assessments	530
Workplace Learning	140
Total	1200*

**The total volume of learning for a Certificate III level qualification must be at least 1200 hours*

Delivery

The duration for this course in training weeks will be as follows:

- Stream A: Central Plant/Delivery Service: 120 weeks = 1084 training hours

This will involve a blend of classroom based, simulated and supervised workplace based training to ensure full competency.

Assessment Methods

Assessment is structured throughout the course. If students are unable to achieve competency, additional support is provided through mentoring and access to re-assessment as outlined in our policies and procedures. Assessment requires achievement across all tasks to demonstrate competence and includes:

- Written Assessment
- Portfolio of Evidence including Third party Report
- Simulated/Practical Assessment (demonstration of skills)
- Workplace observation and demonstration

Recognition of Prior Learning (RPL)

Students with prior learning and work experience can apply for RPL. Students who have completed corresponding units of competency and/or units contained within the packaging rules can apply for Credit Transfer. RPL evidence must include some of the following:

- Work Experience
- Life Experience
- Previous Study e.g. qualifications, industry training
- Professional Development Programs and/or Courses

Course Outline

UEE32211 Certificate III in Air Conditioning and Refrigeration



Resources

Students will be provided with the following resources required to complete the UEE20111 UEE32211 Certificate III in Air Conditioning and Refrigeration upon enrolment:

- Australian Refrigeration and Air-Conditioning Vol 1 Edition 5 & Vol 2 Edition 5 by Graham Boyle (For Full course only), RPL students will receive handouts

Relevant Industry Standards

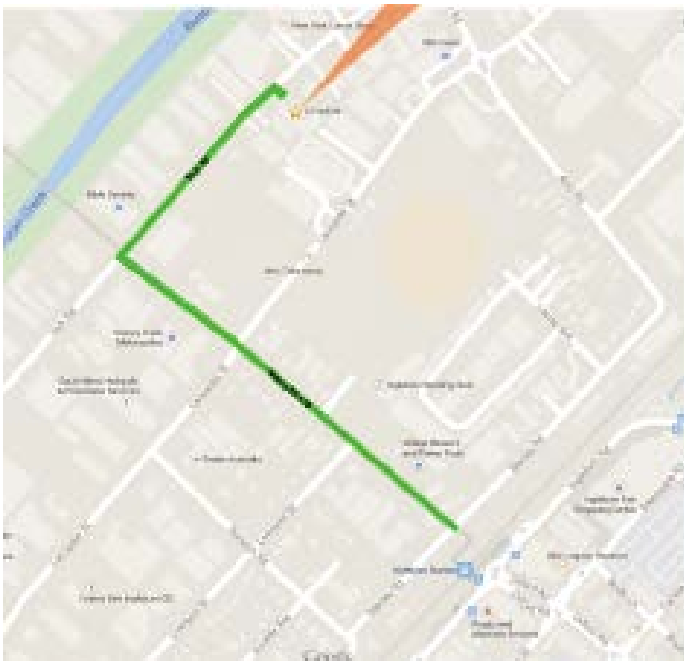
Superior Training Centre's delivery and assessment of the UEE32211 Certificate III in Air Conditioning and Refrigeration complies with the following Australian standards:

- AS1668.2

Total Course Fees

\$500 Deposit (non-refundable)
\$14,000.00 Course Fees (Paid by Payment Plan)
\$8,500 RPL Course Fees (Paid by Payment Plan)
\$2,000 - \$3,900 (government Subsidised (STS))
\$500.00 Resource Fee for all books and resources

Campus Details and Facilities



Superior Training Centre is located at 1/13 York Road, Ingleburn NSW 2565.

The campus at Ingleburn provides quality teaching and learning facilities for students. The training facilities have been set up to run classroom based training sessions, to support the learning and assessment programs we offer.

The campus includes well appointed facilities that offer a comfortable learning environment.

Library Services

Ingleburn Library is available to students to assist them with their study. The library is located at 76 Oxford Rd, Ingleburn NSW 2565 and is just a 15 minute walk from the campus. 02 46454060

How to Apply

Please contact Superior Training Centre by:

☎ 02 9618 6809

✉ Info@stc.nsw.edu.au

Course Outline

UEE32211 Certificate III in Air Conditioning and Refrigeration



Important Information – Student Handbook, Policies and Procedures, Fees and Charges

Information about our training and assessment policies and procedures are included on our website www.stc.nsw.edu.au and should be read by you, prior to enrolment in addition to the Student Handbook which is also located on our website. These documents contain important information about your training course, fees and charges including our refund policy.

Identification of Student Needs and Student Support

Student needs are declared by the applicant at the time of enrolment: the application form allows the applicant to self declare where they have learning disabilities.

Every student is interviewed either face to face or over the telephone to attempt to establish the applicant skill and knowledge levels, their current employment and how that relates to the course content and interaction.

Where language literacy and numeracy are in question, Superior Training Centre has a language literacy and numeracy assessment they may undertake to confirm their level of language, literacy and numeracy skills.

Reasonable adjustments to training and assessment will be made and additional support (e.g. LLN, assistive technology, additional training, alternative delivery and assessment modes and methods) provided where students with physical attributes or specific learning needs are identified as requiring these changes to complete their training and assessment.