



Certificate III in Air-Conditioning and Refrigeration UEE32225

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Course Description:

Launch Your Career in Air Conditioning and Refrigeration with UEE32225! Gain the skills to install, service and repair air conditioning and refrigeration systems across residential, commercial and industrial settings. This nationally recognised qualification covers essential competencies including component selection, system setup, fault finding, refrigerant charging and maintenance—ensuring compliance with current environmental and safety regulations. Completion of this course also meets the training requirements for the full Refrigerant Handling Licence (Arctick RAC01) and supports eligibility for relevant Electrical and Occupational Licences, giving you the credentials to work safely and legally. Start your upskilling of your current Electrical Trade today and add an in-demand Air Conditioning and Refrigeration qualification with real-world impact.

Duration and Mode of Delivery:

Stage 1: Theory completed online self-paced. Hours vary pending required units per students (roughly 580 hours). *(Cost varies and you are charged for theory and practical separately)*

Stage 2: Practical including on the job practice completed over 1 week in our Brisbane, Sydney or Melbourne training centre. Intensive practical assessment requiring students to utilise our functioning equipment to meet the requirements of the training package and gain valuable hands-on experience. You are not eligible for an outcome until practical is completed. *(Cost varies and you are charged for theory and practical separately)*

Course Entry Requirements and Accreditation:

To be eligible to undertake our course, you must currently hold an Australian Unrestricted Electrical Licence.

Course Inclusions:

Volt Edge will provide the following:

- Training and assessment course material
- Online student portal access
- Workbooks are available online at no cost or can be purchased for \$100 +GST
- Use of all required practical equipment

Each Student is to:

- Submit the required prerequisites prior to commencement of the course – It is your responsibility.
 - *(Cost varies and you are charged for theory and practical separately)*
- Once enrolled in their practical session, participants must apply for and hold a trainee licence issued by the Australian Refrigeration Council (ARC):
 - Trainee - For handling of refrigerant in classroom and workplace
 - Trainee Classroom - For handling of refrigerant in classroom only
- Have access to a stable internet and computer or laptop with Microsoft Office applications as required.
- Have basic computer skills to undertake and complete the assessments.
- Complete and submit the required assessment and attend the practical.
- Review and comply with the conditions detailed in the [Student Handbook](#).
- Complete qualification within the specified timeframe – Max 2 years.
- Ensure that you have 4 years' experience or the ability to gain this experience pending the state you reside in and plan to apply for a licence.
- Delivered via Online self-paced theory and face to face practical (on the job experience is your responsibility)

You can upon satisfactory outcome:

- Add a valuable skill to your Electrical License
- Apply for a (RAC01) Refrigerant Handling Licence with ARCTick
- Ability to increase your business service offerings
- Increase your current work, enrol in Cert III in A/C today

**To enrol into this course please view our website or contact our training team on
1300 761 366 or training@voltage.com.au**



Units of Competencies delivered by Volt Edge:

Unit Code	Unit Name	Nominal Hours	ASSESSMENTS: Theory (T) Practical (P) Credit (CT)
UEERA0031	Diagnose and rectify faults in air conditioning and refrigeration control systems*	60	(Core) T & P
UEERA0035	Establish the basic operating conditions of air conditioning systems*	20	(Core) T & P
UEERA0036	Establish the basic operating conditions of vapour compression systems*	60	(Core) T & P
UEERA0050	Install refrigerant pipe work, flow controls and accessories*	60	(Core) T & P
UEERA0099	Install, commission, service and maintain air conditioning systems*	80	(Core) T & P
UEERA0052	Install, commission, service and maintain low temperature systems*	40	(Core) T & P
UEERA0053	Install, commission, service and maintain medium temperature systems*	60	(Core) T & P
UEERA0059	Prepare and connect refrigerant tubing and fittings*	40	(Core) T & P
UEERA0062	Recover and charge refrigerants*	40	(Core) T & P
UEERA0079	Safely handle refrigerants and lubricants*	40	(Core) T & P
UEERA0081	Select refrigerant piping, accessories and associated controls*	40	(Core) T & P
UEERA0094	Verify functionality and compliance of refrigeration and air conditioning installations*	40	(Core) T & P
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20	(Core) CT (EL)
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work*	20	(Core) CT (EL)
UEECD0019	Fabricate, assemble and dismantle utilities industry components*	40	(Core) CT (EL)
UEECD0020	Fix and secure electrotechnology equipment*	20	(Core) CT (EL)
UEECD0042	Solve problems in ELV single path circuits*	40	(Core) CT (EL)
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40	(Core) CT (EL)
UEECO0010	Participate in refrigeration and air conditioning work and competency development activities	60	(Core) See below
Completed Cert III Electro apprenticeship arrangement - RPL Apprenticeship + UEECO0023 Participate in electrical work and competency development activities (or equivalent)			
UEERA0044	Find and rectify faults in single phase motors and associated controls*	40	(Core) CT (EL)
UEERA0045	Find and rectify faults in three phase motors and associated controls*	30	(Core) CT (EL)
UEERA0092	Solve problems in low voltage refrigeration and air conditioning circuits*	40	(Core) CT (EL)
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20	(Core) CT (EL)
UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply*	20	(Core) CT (EL)
UEERL0002	Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c.*	20	(Core) CT (EL)
UEERL0004	Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring*	60	(Core) CT (EL)
UEERL0005	Locate and rectify faults in low voltage (LV) electrical equipment using set procedures*	20	(Core) CT (EL)



Unit Code	Unit Name	Nominal Hours	ASSESSMENTS: Theory (T) Practical (P) Credit (CT)
STREAM 1 Elective Option:			
UEERA0007	Apply safety awareness and legal requirements for flammable refrigerants	10	(B) Stream 1
UEERA0054	Maintain microbial control of refrigeration and air conditioning systems	20	(B) Stream 1
UEERA0072	Resolve problems in hydronic systems	40	(B) Stream 1
UEERA0073	Resolve problems in ice making systems	20	(B) Stream 1
HLTAID009	Provide cardiopulmonary resuscitation	10	(A) Stream 1
UEECO0017	Source and purchase material/parts for installation or service jobs	20	(A) Stream 1
UETDRMP007	Perform rescue from a live low voltage panel*	20	(A) Stream 1

Unit Code	Unit Name	Nominal Hours	ASSESSMENTS: Theory (T) Practical (P) Credit (CT)
STREAM 2 Elective Option:			
UEEIC0013	Develop, enter and verify discrete control programs for programmable controllers	60	(B) Stream 2
UEERA0007	Apply safety awareness and legal requirements for flammable refrigerants	10	(B) Stream 2
UEERA0054	Maintain microbial control of refrigeration and air conditioning systems	20	(B) Stream 2
UEERA0072	Resolve problems in hydronic systems	40	(B) Stream 2
UEERA0073	Resolve problems in ice making systems	20	(B) Stream 2

*Other units are Credit Transferred from students previous training. Eligibility criteria applies.