

# UEE20111 Certificate II in Split Air-conditioning and Heat Pump Systems

## COURSE OBJECTIVES

This qualification is designed for experienced/qualified electricians wishing to install Split Air conditioners/ Heat Pump systems or split system hot water systems. It covers the installation, commissioning and de-commissioning of single head, split air conditioning and heat pump systems where the maximum plant capacity for each system does not exceed 18 kW cooling capacity. It does not cover the maintenance, repair, service including diagnostic/fault finding and electrical work or installation of heat pump plant and equipment or commercial refrigeration and air conditioning.

This qualification is offered as a skills 'top up' course, therefore specific prerequisites must be met prior to commencing.

## COURSE OUTLINE

Participants must complete 11 Units of Competency to attain UEE20111 Certificate II in Split Air-conditioning and Heat Pump Systems. The qualification consists of 10 Core units and 1 to 2 Electives. The number of units you will be required to complete, is dependent on the final outcome of your RPL/credit transfer application.

Due to the program's prerequisite requirements, selection of the elective units will be based on your previous experience, thus allowing this unit to be completed via the RPL/credit transfer application. A list of potential elective units are outlined in the course content section. For example: if you have previously completed: UEE30811 Certificate III in Electrotechnology Electrician, this may give you credit for CPCCWHS1001 – Prepare to work safely in the construction industry and HLTAID001 – Provide cardiopulmonary resuscitation.

## APPLICATION PROCESS

1. Contact Customer Service on (08) 8348 1200 or CustomerServiceTeam@peer.com.au to register interest into this course.
2. Customer Service will send electronically RPL/credit transfer application and an invoice for \$525.00 (non-refundable).
3. Applicant to return completed RPL/credit transfer application and must make payment prior to application being reviewed by a Trainer.
4. RPL/credit transfer application assessed by Trainer and applicant notified of application outcome and proposed training schedule.
5. Customer Service will invoice the remaining fees based on the training schedule and email the enrolment paperwork.
6. Applicant must pay the outstanding fees and return the completed enrolment paperwork to secure position in course.
7. Customer Service to send proof of enrolment letter, ARCTick Trainer Declaration Form and training materials (on a USB) via registered post to applicant. The student workbook and ARCTick Refrigerant Handling Licence application must be completed and emailed to CustomerServiceTeam@peer.com.au 2 weeks prior to course commencement.  
<https://www.arctick.org/licensing/trainee-licences/>

## ENTRY REQUIREMENTS

The course is only available to applicants who meet the following criteria:

1. Electricians holding a current, unrestricted A Class Electrical Licence.
2. Recent extensive experience in the electrotechnology industry.

If you do not meet this criteria, you'll be ineligible to undertake the skills top-up course.

## RPL & CREDIT TRANSFER

RPL/credit transfer is a process where a training organisation can formally recognise an individual's previous learning gained through formal, informal study or work/life experience. The application process incorporates an assessment procedure (conducted by the training organisation) to determine the outcomes of an individual's application for credit. Subject to the application outcome; this may result in a reduction in the number of units a learner will be required to undertake to complete this course.

Participants in this program must meet the pre entry requirements as outlined.

Evidence of experience used for your RPL/credit transfer application can come from a range of sources. All evidence provided must be certified by a Justice of Peace. This can include:

1. Current trade licences (eg. Unrestricted A Class Electrical Licence).
2. Statements of results from formal training.
3. Current CV detailing your Split System Air Conditioning Experiences.
4. Letters of support from employers or clients detailing the work/tasks you have undertaken.
5. Photographs of work you've completed.
6. Other credible, recent documentation.

## METHOD OF DELIVERY & ATTENDANCE REQUIREMENTS

Units are delivered using classroom and distance based training. Depending on the RPL/credit transfer process to application, you will be required to attend classroom training for 7-10 days. Following enrolment and finalisation of your RPL/credit transfer application you will be provided with reference material and student workbooks. You will be required to read the workbooks, review the reference material and submit answers to a range of subject questions.

### IMPORTANT

This will take approximately 40 hours to complete but will provide sufficient underpinning knowledge prior to commencement of training.

## FEES, PAYMENT TERMS & CONDITIONS

### Applicable to all

Application Fee (non-refundable) - \$525.00

### Day 1

(UEENEEC001B - Maintain Documentation, UEENEEK142A - Apply environmentally and sustainable procedures in the energy sector, UEENEEE101A - Apply Occupational Health and Safety regulations, codes and practices in the workplace)

Full Course Fee (excluding application fee) - \$350.00

Course fee with CITB rebate (excluding application fee) - \$50.00 (this rate is only applicable if your RPL/credit transfer application is unsuccessful for UEENEEE101A - Apply environmentally and sustainable procedures in the energy sector only)

### Day 2-8

Full Course Fee (excluding application fee) - \$1800.00

Course fee with CITB rebate (excluding application fee) - \$830.00

The subsidy provided by the Construction Industry Training Board (CITB) is available to those who are classified as being employed within the Construction Industry. Eligibility is by application.

Additional costs associated with ARCTick Refrigerant Handling Licence application is not included in the course fee. Refer to link for further information: <https://www.arctick.org/licensing/trainee-licences/>

The PEER VEET Student Handbook can be accessed via the following link: [www.peer.com.au/training/](http://www.peer.com.au/training/)

## TRAINING MATERIALS

OPTIONAL: The following reference books may assist in completing units of competency within this course and questions within the student workbook. The below reference books can be purchased from PEER VEET or [www.airah.org.au](http://www.airah.org.au)

### If purchased through PEER

Australian Refrigeration and Air-Conditioning – National Resource  
Volume 1 Edition 05 - \$235.00 (incl.GST)

Australian Refrigeration and Air-Conditioning – National Resource  
Volume 2 Edition 05 - \$200.00 (incl.GST)

Total Cost - \$435.00 (incl.GST)

Postage fee - \$30.00 (incl.GST)

## COURSE CONTENT & DELIVERY SCHEDULE (UNITS OF COMPETENCY)

Core Units	Unit Title	Delivery Day
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector	Day 1
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	Day 1
UEENEEJ102A	Prepare and connect refrigerant tubing and fittings	Day 2, 3
UEENEEJ105A	Position, assemble and start up single head split air conditioning and water heating heat pump systems	Day 4, 7, 8
UEENEEJ172A	Recover, pressure test, evacuate, charge and leak test refrigerants - split systems	Day 5, 6, 7
UEENEEE038B	Participate in development and follow a personal competency development plan	**
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	**
UEENEEE105A	Fix and secure electrotechnology equipment	**
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	**
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work <i>** These units of competency are covered by a current Electricians Licence or equivalent</i>	**
<b>Elective Units</b>	<b>Note: Elective unit(s) to be selected</b>	
UEENEEC001B	Maintain documentation	Day 1
UEENEEC002B	Source and purchase material/parts for installation or service jobs	
UEENEEC008B	Receive and store materials and equipment for electrotechnology work	
UEENEEC010B	Deliver a service to customers	
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	
CPCCWHS1001	Prepare to work safely in the construction industry	
HLTAID001	Provide cardiopulmonary resuscitation	
UEENEEJ104A	Establish the basic operating conditions of air conditioning systems	
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	
UEENEEP026A	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	

## COURSE LOCATION

All classroom training will be delivered on-site at PEER VEET No. 1042 Port Road, Albert Park SA.

## CONTACT INFORMATION

CustomerServiceTeam@peer.com.au | peer.com.au | (08) 8348 1200  
RTO Code: 7027



Receiving CITB  
Funding Assistance

