2021 COURSE INFORMATION FOR UEE20111 CERTIFICATE II IN SPLIT AIR-CONDITIONING AND HEAT PUMP SYSTEMS

COURSE DESCRIPTION

This qualification is designed for experienced/qualified electricians wishing to install split system 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 CONTENT

This course contains the following learning content:

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.

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	**
	*** These units of competency are covered by a current Electricians Licence or equivalent*	
Elective Units	**Note: Elective unit(s) to be selected**	
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 REQUIREMENTS

Students are required to have the following:

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

If purchased through PEER

Australian Refrigeration and Air-Conditioning – National Resource

2021 COURSE INFORMATION FOR UEE20111 CERTIFICATE II IN SPLIT AIR-CONDITIONING AND HEAT PUMP SYSTEMS

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 OUTCOMES

On completion of this course, the participant will be able to competently:

- install Split Air conditioners/ Heat Pump systems or split system hot water systems

Participants who meet all the requirements of the course will be awarded with a qualification in UEE20111 Certificate II in Split Air-conditioning and Heat Pump Systems. If not all units of competency are completed, the participant will be issued with a statement of attainment.

ENTRY REQUIREMENTS

Entry into this course is only available to licenced tradespersons

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.

DELIVERY METHOD

This course contains both theory and practical learning activities

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.

DURATION

7-8 days

MAX STUDENTS

12

There are currently no dates available for this course.