



Australian Government

Department of Education, Employment and Workplace Relations

UEE30210 Certificate III in Computer Systems Equipment

Release: 1

UEE30210 Certificate III in Computer Systems Equipment

Modification History

Not Applicable

Description

Scope

This qualification provides competencies to select, install, set up, test, fault find, repair and maintain computer equipment for data storage, personal computer and networks, measurement/analysis and control.

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

Employability Skills Summary

Not Applicable

Packaging Rules

Completion requirements

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

- All the Core competency standard units, **and**
- A combination of Elective competency standard units selected from Group A and/or Group B to achieve a total weighting of 500 points, **and**
- All the required pre-requisite competency standard units.

Core Competency Standard Units All Core competency standard units to be achieved		Weighting Points
UEENEEC014B	Participate in computer equipment work and competency development activities	100
UEENEE002B	Assemble, set up and test personal computers	80
UEENEE004B	Use engineering applications software	40
UEENEE012B	Support computer hardware and software	120
UEENEE043B	Install and configure a computer operating system and software	40
UEENEE046B	Set up and configure basic local area network	40
UEENEEE001B	Apply OHS practices in the workplace	20
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components	40
UEENEEE003B	Solve problems in extra-low voltage	40

Core Competency Standard Units		Weighting Points
All Core competency standard units to be achieved		
	single path circuits	
UEENEEE032B	Document occupational hazards and risks in computer systems	20
UEENEEK042A	Participate in environmentally sustainable work practices	20
Total points in core		560

Elective Competency Standard Units

Complete Elective units to achieve a total of weighting of 500 points from the following groups:

Group		Minimum points	Maximum points
A	Imported and Common Elective Units Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 3. If units have not being assigned a weighting in the Electrotechnology Training Package, their weighting will be 10 points.	0	180
B	Qualification Electives - Schedule 3 Units You may select all your elective units from this Group	320	500

Group A - Imported and Common Elective Units		Weighting Points
UEENEEC001B	Maintain documentation	20
UEENEEC002B	Source and purchase material/parts for installation or service jobs	20

Group A - Imported and Common Elective Units		Weighting Points
UEENEEC003B	Provide quotations for installation or service jobs	20
UEENEEC010B	Deliver a service to customers	20
UEENEE001B	Use basic computer applications relevant to a workplace	20
UEENEEE009B	Comply with scheduled and preventative maintenance program processes	20
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus	20
	<p>Imported units from other training packages and/or state accredited courses can be added to this group, but they must be selected from qualifications where the unit is first packaged at AQF level 3. If units have not being assigned a weighting in the Electrotechnology Training Package, their weighting will be 10 points.</p> <p>Note: For further information see <i>Transition to NQC Packaging Rules for Flexibility</i>, Page 48, UEE07 Electrotechnology Training Package, Version 4, Volume 1 Preliminary Information.</p>	Up to 180 points

Group B - Qualification Electives - Schedule 3 Units		Weighting Points
You may select all your elective units from this Group		
UEENEEA001B	Assemble electronic apparatus	40
UEENEEA002B	Select electronic components	20
UEENEEA004B	Rework electronic sub assemblies	40
UEENEEA006B	Apply lead-free soldering techniques	40
UEENEEED005B	Enter and verify operating instructions in microprocessor equipped devices	20
UEENEEED029B	Develop basic web pages for engineering applications	40
UEENEEED030B	Select, install, configure and test multimedia devices	40
UEENEEED031B	Develop and validate basic integrated systems	40
UEENEEED053B	Set up and test biometric devices	40
UEENEEEE004B	Solve problems in multiple path d.c. circuits	40
UEENEEEE005B	Fix and secure equipment	20
UEENEEEE007B	Use drawings, diagrams, schedules and manuals	40
UEENEEEE008B	Lay wiring/cabling and terminate accessories for extra-low voltage circuits	40
UEENEEEE019C	Solve problems in multiple path a.c. circuits	40
UEENEEEE023B	Solve basic problems in electronic and digital equipment	80
UEENEEEE046B	Identify affects of energy on machinery and materials in an electrotechnology environment	120
UEENEEEE048C	Carry out routine work activities in an electrotechnology environment	40
UEENEEEE050B	Undertake computations in an electrotechnology environment	120

Group B - Qualification Electives - Schedule 3 Units You may select all your elective units from this Group		Weighting Points
UEENEEE079A	Identify and select components, accessories and materials for electrotechnology work activities	20
UEENEEF002B	Lay and connect cables for multiple access to telecommunication services	120
UEENEEF004B	Install and modify performance data communication structured cabling	40
UEENEEF005B	Install and modify performance data communication optical fibre cabling	40
UEENEEF007B	Set up wireless capabilities of communications and data storage devices	40
UEENEEF008B	Select and arrange equipment for wireless networks	60
UEENEEF009B	Install and connect voice and data communications equipment	40
UEENEEF010B	Select and arrange equipment for local area networks	120
UEENEEH001B	Carry out basic repairs to computer equipment by replacement of modules/sub-assemblies	40
UEENEEH002B	Carry out basic repairs to electronic apparatus by replacement of components	40
UEENEEH003B	Carry out routine repairs to business equipment	120
UEENEEH011B	Troubleshoot d.c. power supplies with single phase input	40
UEENEEH012B	Troubleshoot digital subsystems	80
UEENEEH013B	Troubleshoot amplifiers	80
UEENEEH014B	Troubleshoot frequency dependent circuits	80
UEENEEH015B	Develop software solutions in microcontroller based systems	60
UEENEEH039B	Troubleshoot basic amplifiers	40

Group B - Qualification Electives - Schedule 3 Units You may select all your elective units from this Group		Weighting Points
UEENEEH050B	Assemble and set up basic wired and wireless security systems	80
UEENEEH051B	Install large wired and wireless security systems	100
UEENEEH052B	Enter instructions and test basic wired and wireless security systems	40
UEENEEH066B	Fault find Microcontroller based hardware	40
UEENEEH069B	Solve problems in electronic circuits	100
UEENEEI001B	Install and set up transducers and sensing devices	40

Note: 1. Pre-requisite pathways shall be identified and met for all elective units selected.
2. In selecting elective units considerations to career planning advice should be given to units that form part of a pre-requisite pathway for the progression to achieve particular competencies or qualification at a higher level.
END OF QUALIFICATION