



**Australian Government**

# **UEE30211 Certificate III in Computer Systems Equipment**

**Release: 3**

## UEE30211 Certificate III in Computer Systems Equipment

### Modification History

| Release | Action | Core/Elective | Details  | Points |
|---------|--------|---------------|--|--------|
| 2       | Update | Group A       | HLTFA311A Apply first aid  | 10     |
| 2       | Add    |               | Edit Name to reflect correct Unit title<br>UEENEED104A Use engineering applications software on personal computers | 40     |

### 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, defined in the Core Competency Standard Units table below and
- A combination of Elective competency standard units to achieve a total weighting of 500 points in accordance with the Elective Competency Standard Units table below.

| <b>Core Competency Standard Units</b>             |   | <b>Weighting</b> |
|---|---|------------------|
| All Core competency standard units to be achieved |   | <b>Points</b>    |
| UEENEEC014B                                       | Participate in computer equipment work and competency development activities            | 60               |
| UEENEED102A                                       | Assemble, set-up and test computing devices   | 80               |
| UEENEED104A                                       | Use engineering applications software on personal computers                             | 40               |
| UEENEED112A                                       | Support computer hardware and software for engineering applications                     | 120              |
| UEENEED143A                                       | Install and configure a client computer operating system and software                   | 40               |
| UEENEED146A                                       | Set up and configure basic local area network (LAN)                                     | 80               |
| UEENEEE101A                                       | Apply Occupational Health and Safety regulations, codes and practices in the workplace  | 20               |
| UEENEEE102A                                       | Fabricate, assemble and dismantle utilities industry components                         | 40               |
| UEENEEE103A                                       | Solve problems in ELV single path circuits  | 40               |
| UEENEEE137A                                       | Document and apply measures to control OHS risks associated with electrotechnology work | 20               |
| UEENEEK142A                                       | Apply environmentally and sustainable energy procedures in the energy sector            | 20               |
| <b>Total points in core</b>                       |   | <b>560</b>       |

| <b>Elective Competency Standard Units</b>  |                       |                       |
|--|-----------------------|-----------------------|
| Complete Elective units to achieve a total of weighting of 500 points from the following groups:   |                       |                       |
| <b>Group</b>   | <b>Minimum points</b> | <b>Maximum points</b> |
| <b>A Imported and Common Elective Units</b><br>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 by the relevant EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points. | 0                     | 150                   |
| <b>B Qualification Elective Units</b><br>You may select all your elective units from this Group  | 350                   | 500                   |

| <b>Group A – Imported and Common Elective Units</b>  |   | <b>Weighting Points</b> |
|--|---|-------------------------|
| You may complete units to a maximum weighting of 180 |   |                         |
| UEENEEC001B  | Maintain documentation  | 20                      |
| UEENEEC002B  | Source and purchase material/parts for installation or service jobs   | 20                      |
| UEENEEC003B  | Provide quotations for installation or service jobs   | 20                      |
| UEENEEC010B  | Deliver a service to customers  | 20                      |
| UEENEED101A  | Use computer applications relevant to a workplace   | 20                      |
| UEENEED009B  | Comply with scheduled and preventative maintenance program processes  | 20                      |
| UEENEED020B  | Provide basic instruction in the use of electrotechnology apparatus   | 20                      |
| HLTFA311A  | Apply first aid   | 10                      |
|  | 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 by the relevant | Up to 150 points        |

|  |   |  |
|--|---|--|
|  | <p>EE-Oz Industry Technical Advisory Committee, their weighting will be 10 points.</p> <p>Note: For further information see Application of the NQC Flexibility Formula, UEE11 Electrotechnology Training Package, Version 1, Volume 1 Qualification Framework</p> |  |
|--|---|--|

| <b>Group B – Qualification Elective Units</b>  |   | <b>Weighting Points</b> |
|--|---|-------------------------|
| Complete units to a minimum weighting of 350<br>You may select all your elective units from this Group |   |                         |
| UEENEEA101A  | Assemble electronic components  | 40                      |
| UEENEEA102A  | Select electronic components for assembly   | 20                      |
| UEENEEA104A  | Modify electronic sub assemblies  | 40                      |
| UEENEEA106A  | Use lead-free soldering techniques  | 40                      |
| UEENEEED129A   | Develop web pages for engineering applications  | 40                      |
| UEENEEED130A   | Select, install, configure and test multimedia components                                   | 40                      |
| UEENEEED153A   | Set up, configure and test biometric devices  | 40                      |
| UEENEEEE104A   | Solve problems in d.c. circuits   | 80                      |
| UEENEEEE105A   | Fix and secure electrotechnology equipment  | 20                      |
| UEENEEEE107A   | Use drawings, diagrams, schedules, standards, codes and specifications                      | 40                      |
| UEENEEEE108A   | Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits           | 40                      |
| UEENEEEE119A   | Solve problems in multiple path extra low voltage (ELV) a.c. circuits                       | 40                      |
| UEENEEEE123A   | Solve basic problems electronic and digital equipment and circuits                          | 80                      |
| UEENEEEE179A   | Identify and select components, accessories and materials for energy sector work activities | 20                      |
| UEENEEEF102A   | Install and maintain cabling for multiple access to telecommunication services              | 120                     |
| UEENEEEF104A   | Install and modify performance data communication copper cabling                            | 40                      |
| UEENEEEF105A   | Install and modify optical fibre performance data communication cabling                     | 40                      |

|             |   |     |
|-------------|---|-----|
| UEENEEF107A | Set up and configure the wireless capabilities of communications and data storage devices | 40  |
| UEENEEF108A | Select and arrange equipment for wireless communication networks                          | 40  |
| UEENEEF109A | Install and connect data and voice communication equipment                                | 40  |
| UEENEEF110A | Select and arrange data and voice equipment for local area networks                       | 40  |
| UEENEEH101A | Repair basic computer equipment faults by replacement of modules/sub-assemblies           | 40  |
| UEENEEH102A | Repairs basic electronic apparatus faults by replacement of components                    | 40  |
| UEENEEH103A | Repair routine business equipment faults  | 120 |
| UEENEEH111A | Troubleshoot single phase input d.c. power supplies                                       | 40  |
| UEENEEH112A | Troubleshoot digital sub-systems  | 80  |
| UEENEEH113A | Troubleshoot amplifiers in an electronic apparatus  | 80  |
| UEENEEH115A | Develop software solutions for microcontroller based systems                              | 60  |
| UEENEEH139A | Troubleshoot basic amplifier circuits   | 40  |
| UEENEEH150A | Assemble and set up basic security systems  | 80  |
| UEENEEH151A | Install large security systems  | 100 |
| UEENEEH152A | Enter instructions and test wired and wireless security systems                           | 40  |
| UEENEEH166A | Troubleshoot microcontroller based hardware systems                                       | 40  |
| UEENEEH169A | Solve problems in basic electronic circuits   | 100 |
| UEENEEI116A | Assemble, enter and verify operating instructions in microprocessor equipped devices      | 20  |

**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**

## **Custom Content Section**

Not applicable.