Australian Government

UEE30420 Certificate III in Data and Voice Communications

Release 1

UEE30420 Certificate III in Data and Voice Communications

Modification History

Release 1. This is the first release of this qualification in the UEE Electrotechnology Training Package

Qualification Description

This qualification covers competencies to select, install, set up, test, fault find, repair and maintain telecommunications and high-performance data services in buildings and premises. It includes Australian Communications and Media Authority (ACMA) requirements for Open Cabler Registration.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

A total of **1060 weighting points** comprising:

700 core weighting points listed below; **plus**

360 general elective weighting points from the general elective units listed below.

Choose a total of 360 **weighting points** elective units from the list below, of which between 0 and 100 **weighting points** can be taken from Group A; and between 260 and 360 **weighting points** must be taken from Group B; or all 360 **weighting points** can be taken from Group B.

Up to 100 weighting points of the general elective units Group A, may be selected, with appropriate contextualisation, from any relevant nationally endorsed Training Package or accredited course, provided selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in the UEE Electrotechnology Training Package Companion Volume Implementation Guide (CVIG), if not listed weighting points will be 10 points, unless directed from the Electrotechnology Industry Reference Committee (IRC).

There are units of competency within this qualification that contain pre-requisites. Units of competency that have a pre-requisite requirement are identified by this symbol *. Refer directly to the units of competency to identify pre-requisite requirements to ensure all are complied with. A list of all pre-requisites is also provided in the UEE Pre-requisite Companion Volume.

Where imported units are selected, care must be taken to ensure all pre-requisite units specified are complied with.

© Commonwealth of Australia, 2020 Australian Industry Standards

Core units		Weighting Points
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work*	20
UEECD0019	Fabricate, assemble and dismantle utilities industry components*	40
UEECD0020	Fix and secure electrotechnology equipment*	20
UEECD0025	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits*	40
UEECD0043	Solve problems in direct current circuits*	80
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications*	40
UEECO0012	Participate in voice and data communications work and competency development activities	60
UEEDV0004	Install and connect data and voice communication equipment*	40
UEEDV0005	Install and maintain cabling for multiple access to telecommunication services*	80
UEEDV0006	Install and modify optical fibre performance data communication cabling*	40
UEEDV0008	Install, modify and verify coaxial and structured communication copper cabling*	40
UEEDV0009	Select and arrange data and voice equipment for local area networks*	40
UEEDV0014	Test, report and rectify faults in data and voice installations*	40
UEEEC0074	Troubleshoot resonance circuits in an electronic apparatus*	80
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20

© Commonwealth of Australia, 2020 Australian Industry Standards

Group A: Imported and common elective units.		**Weighting Points**
BSBCUS201	Deliver a service to customers	20
CPCCWHS1001	Prepare to work safely in the construction industry	10
HLTAID001	Provide cardiopulmonary resuscitation	10
HLTAID003	Provide first aid	10
ICTICT203	Operate application software packages	20
UEECD0011	Comply with scheduled and preventative maintenance program processes	20
UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	20
UEECO0002	Maintain documentation	20
UEECO0015	Provide quotations for installation or service jobs	20
UEECO0017	Source and purchase material/parts for installation or service jobs	20

Group B: Qualification elective units.		**Weighting Points**
UEECD0028	Plan an integrated cabling installation system*	40
UEECS0003	Assemble, set up and test computing devices*	80
UEECS0029	Set up and configure basic local area network (LAN)*	80
UEECS0033	Use engineering applications software on personal computers	40
UEEDV0001	Assemble and connect telecommunication frames and cabinets*	60
UEEDV0002	Install aerial telecommunication cables*	40
UEEDV0007	Install underground communication cables*	40
UEEDV0010	Select and arrange equipment for wireless communication networks*	40

© Commonwealth of Australia, 2020 Australian Industry Standards

UEEDV0011	Set up and configure basic data communication systems*	40
UEEDV0012	Set up and configure the wireless capabilities of communications and data storage devices	40
UEEIC0011	Develop electrical integrated systems*	20
UEEIC0024	Plan the electrical installation of integrated systems*	20

Qualification Mapping Information

This qualification replaces and is equivalent to UEE30411 Certificate III in Data and Voice Communications

Links

Companion Volume implementation guides are found in VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6

© Commonwealth of Australia, 2020 Australian Industry Standards