



Australian Government

UEE30425 Certificate III in Data and Voice Communications

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Modification History

Release	Comments
1	This qualification was first released in UEE Electrotechnology Training Package Release 8.0.

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.

This qualification has no minimum work placement hours.

Licensing/Regulatory Information

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. If weighting points are not listed for an imported unit in any other UEE qualification, default weighting will be 10 points.

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.

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
UEECO0027	Engage in communications, security equipment or fire protection work and competency development	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
UEEEEC0074	Troubleshoot resonance circuits in an electronic apparatus*	80
UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20
Group A: Imported and common elective units		Weighting Points
BSBOPS203	Deliver a service to customers	20
CPCWHS1001	Prepare to work safely in the construction industry	10
HLTAID009	Provide cardiopulmonary resuscitation	10
HLTAID011	Provide First Aid	10
ICTICT214	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
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

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
UEECD0019 Fabricate, assemble and dismantle utilities industry components	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEEDV0010 Select and arrange equipment for wireless communication networks	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECS0003 Assemble, set up and test computing devices	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UEECS0029 Set up and configure basic local area network (LAN)	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECS0003 Assemble, set up and test computing devices</p>
UEEDV0009 Select and arrange data and voice equipment for local area networks	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEEDV0006 Install and modify optical fibre performance data communication cabling</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEDV0014 Test, report and rectify faults in data and voice installations	UEECD0043 Solve problems in direct current circuits

	<p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEEDV0006 Install and modify optical fibre performance data communication cabling</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p>

	<p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>
UEEIC0011 Develop electrical integrated systems	<p>ICTICT203 Operate application software packages</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEEEL0023 Terminate cables, cords and accessories for low voltage circuits</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>

	UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits
UEEDV0011 Set up and configure basic data communication systems	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECS0003 Assemble, set up and test computing devices</p>
UEEDV0006 Install and modify optical fibre performance data communication cabling	<p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>
UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0028 Plan an integrated cabling installation system	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEEEL0023 Terminate cables, cords and accessories for low voltage circuits</p>

	<p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits</p>
UEECD0020 Fix and secure electrotechnology equipment	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEEDV0001 Assemble and connect telecommunication frames and cabinets	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>
UEEIC0024 Plan the electrical installation of integrated systems	<p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEEEL0023 Terminate cables, cords and accessories for low voltage circuits</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>

	UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits
UEEEEC0074 Troubleshoot resonance circuits in an electronic apparatus	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEDV0004 Install and connect data and voice communication equipment	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEEDV0006 Install and modify optical fibre performance data communication cabling</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>

	<p>UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEDV0005 Install and maintain cabling for multiple access to telecommunication services	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEECD0043 Solve problems in direct current circuits	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEEDV0007 Install underground communication cables	UEECD0043 Solve problems in direct current circuits

	<p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p> <p>UEECD0044 Solve problems in multiple path circuits</p>
UEEDV0002 Install aerial telecommunication cables	<p>UEECD0043 Solve problems in direct current circuits</p> <p>UEEDV0005 Install and maintain cabling for multiple access to telecommunication services</p> <p>UEECD0007 Apply work health and safety regulations, codes and practices in the workplace</p> <p>UEECD0046 Solve problems in single path circuits</p> <p>UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications</p> <p>UEECD0019 Fabricate, assemble and dismantle utilities industry components</p> <p>UEECD0020 Fix and secure electrotechnology equipment</p>

	UEECD0044 Solve problems in multiple path circuits
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Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
UEE30425 Certificate III in Data and Voice Communications	UEE30420 Certificate III in Data and Voice Communications	This qualification replaces and is equivalent to UEE30420 Certificate III in Data and Voice Communications	Equivalent

Links

Companion volumes, including implementation guides, are found in TGA -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>