

Training Products

Qualifications in scope

Code	Title
ICT20219	Certificate II in Telecommunications Network Build and Operation
ICT20319	Certificate II in Telecommunications Technology
ICT30419	Certificate III in Telecommunications Network Build and Operation
ICT30524	Certificate III in Telecommunications Technology
ICT41119	Certificate IV in Telecommunications Network Design
ICT41219	Certificate IV in Telecommunications Engineering Technology

Units of Competency in scope

Code	Title
ICTICT408	Create technical documentation
ICTNPL409	Apply knowledge of regulation and legislation for the telecommunications industry
ICTTEN202	Use hand and power tools
ICTTEN207	Install and test internet protocol devices in convergence networks
ICTTEN208	Use electrical skills when working with telecommunications networks
ICTTEN211	Work effectively in a telecommunications network environment
ICTTEN315	Determine and apply technologies within a telecommunications system
ICTTEN317	Locate, identify and rectify telecommunications network faults
ICTTEN414	Repair telecommunication system faults
ICTTEN416	Install, configure and test an internet protocol network
ICTTEN427	Conduct site surveys to identify carrier installation requirements
ICTTEN428	Prepare design drawings and specification for telecommunications installations
ICTTEN429	Estimate and quote for carrier telecommunications equipment installations
ICTTEN435	Solve electrical-based telecommunications circuitry and cabling problems
ICTWOR202	Work effectively in the digital and telecommunications industry
ICTWOR308	Provide customer service to telecommunications customers
ICTBWN302	Install optical fibre splitters in fibre distribution hubs
ICTBWN303	Install lead-in module and cable for fibre to the premises
ICTBWN306	Use radio frequency measuring instruments
ICTBWN307	Use optical measuring instruments
ICTBWN308	Work safely on live optical fibre installations
ICTBWN309	Perform tests on optical communication system and components
ICTCBL205	Joint metallic conductor cable on customer premises
ICTCBL206	Alter services to existing cable system
ICTCBL210	Install a telecommunications service to a building
ICTCBL211	Install an above ground equipment enclosure
ICTCBL212	Erect aerial cable supports
ICTCBL219	Apply safe technical work practices for cabling registration when configuring an ADSL circuit
ICTCBL238	Install, maintain and modify customer premises communications cabling: ACMA Lift Rule
ICTCBL239	Install customer cable support systems

Code	Title
ICTCBL240	Place and secure customer cable
ICTCBL241	Terminate metallic conductor customer cable
ICTCBL242	Install functional and protective telecommunications earthing system
ICTCBL246	Install, maintain and modify customer premises communications cabling: ACMA Restricted Rule
ICTCBL247	Install, maintain and modify customer premises communications cabling: ACMA Open Rule
ICTCBL248	Install and terminate hard-line coaxial cable
ICTCBL249	Haul underground cable for installation and maintenance work
ICTCBL250	Haul and fix aerial cable
ICTCBL251	Install aerial and underground cable lead-ins
ICTCBL252	Joint and terminate coaxial cable
ICTCBL253	Construct underground telecommunications infrastructure
ICTCBL254	Joint metallic conductor cable in access network
ICTCBL301	Install, terminate and certify structured cabling installation
ICTCBL303	Install and terminate coaxial cable
ICTCBL305	Hand over cable systems and equipment
ICTCBL306	Locate and identify cable system faults
ICTCBL311	Install systems and equipment on customer premises
ICTCBL313	Modify and cutover cable
ICTCBL314	Install network cable equipment
ICTCBL316	Install ribbon fibre cable in the FTTX distribution network
ICTCBL319	Rearrange large size copper cable
ICTCBL320	Jumper metallic conductor cable in the access network
ICTCBL322	Install, test and terminate optical fibre cable on customer premises
ICTCBL323	Test cables and systems on customer premises
ICTCBL324	Cut over new systems and equipment on customer premises
ICTCBL325	Maintain cable network
ICTCBL326	Cut over metallic conductor cable in the access network
ICTCBL329	Install underground cable for communications applications
ICTCBL330	Splice and terminate optical fibre cable for telecommunications projects
ICTCBL331	Conduct basic identification and fault-finding within cabling networks and customer equipment
ICTCBL332	Locate, identify and rectify copper cable faults
ICTCBL333	Install aerial cable for communications applications
ICTCBL334	Install underground enclosures and conduit
ICTCBL335	Construct aerial cable supports
ICTCBL336	Install and cut over metallic conductor cable to access network cabinet
ICTCBL401	Prepare design drawings and specification for a cable installation
ICTCBL403	Supervise cabling project
ICTCBL404	Test cable bearers
ICTCBL405	Remotely locate and identify cable network faults
ICTCMP201	Organise and monitor cabling to ensure compliance with regulatory and industry standards
ICTCMP203	Perform restricted customer premises broadband cabling work: ACMA Restricted Rule
ICTCMP502	Conduct radio communications site audits
ICTDRE301	Install digital reception equipment

Code	Title
ICTDRE302	Locate and rectify digital reception equipment faults
ICTDRE303	Install a complex digital reception system
ICTDRE305	Develop integrated digital reception systems
ICTDRE308	Install a cable broadband multi-dwelling unit system
ICTDRE314	Design communications wiring systems for customer premises
ICTDRE401	Integrate customer digital reception equipment
ICTDRE402	Integrate data delivery modes
ICTEDU301	Train customers in new technology
ICTICT401	Determine and confirm client business requirements
ICTICT405	Develop detailed technical design
ICTNPL401	Apply business acumen to network planning
ICTNPL402	Plan the deployment of access network architectures
ICTNPL410	Plan the telecommunications access network for an estate
ICTNWK409	Create scripts for networking
ICTNWK419	Identify and use current virtualisation technologies
ICTOPN403	Prepare activity plans and specifications for a fibre to the x installation
ICTOPN404	Test optical communications systems and components
ICTOPN405	Install and test a dense wavelength division multiplexing system
ICTPMG201	Prepare site for support installation
ICTPMG202	Plan, organise and undertake work activities
ICTPMG403	Manage the delivery of network infrastructure
ICTPMG503	Prepare a project brief
ICTPRG301	Apply introductory programming techniques
ICTRFN201	Install a satellite antenna
ICTRFN202	Install a terrestrial antenna
ICTRFN301	Install a radio communications antenna and feedline
ICTRFN304	Construct and test a radio communications device
ICTRFN305	Operate and maintain radio communications technical instruments and field equipment
ICTRFN402	Select antenna system for radio communications
ICTRFN405	Install radio communications base station equipment
ICTRFN406	Maintain hybrid fibre coaxial broadband cable network
ICTRFN407	Conduct radio frequency measurements
ICTRFN502	Test and measure cellular phone and network equipment performance
ICTRFN505	Test and measure cellular phone and network equipment performance
ICTSMB401	Set up and operate a contractor business
ICTTCR203	Use safe rigging practices to climb and perform rescues on telecommunications network structures
ICTTEN203	Install and configure a home or small office network
ICTTEN204	Install and configure a small to medium business network
ICTTEN205	Build and maintain a secure network
ICTTEN206	Operate new media software packages
ICTTEN210	Install underground telecommunications infrastructure
ICTTEN301	Provide infrastructure for telecommunications network equipment

Code	Title
ICTTEN310	Remove and replace electronic circuit boards in carrier equipment
ICTTEN312	Install telecommunications network equipment
ICTTEN313	Work on and resolve recurrent network faults
ICTTEN316	Conduct basic tests and analyses of telecommunications copper cabling
ICTTEN318	Inspect, clean and handle optical fibre cable and connectors
ICTTEN320	Commission an electronic unit
ICTTEN321	Maintain an electronic system
ICTTEN322	Provide infrastructure for telecommunications network customer equipment
ICTTEN402	Estimate and quote for customer telecommunications equipment installation
ICTTEN403	Assign a transmission path
ICTTEN404	Install and configure a wireless mesh network
ICTTEN406	Effect changes to existing customer premises equipment systems and equipment
ICTTEN408	Complete equipment and software upgrades
ICTTEN409	Commission an electronic system
ICTTEN411	Monitor, analyse and action telecommunications network alarms
ICTTEN412	Undertake routine maintenance of the telecommunications network
ICTTEN413	Undertake remote diagnosis and repair of network faults
ICTTEN415	Install and configure internet protocol TV in a home network
ICTTEN421	Apply advanced routing protocols to network design
ICTTEN422	Configure and troubleshoot advanced network switching
ICTTEN423	Install and maintain a wide area network
ICTTEN425	Design, install and configure a customer smart technology network
ICTTEN432	Identify requirements for customer telecommunications equipment
ICTTEN433	Install configuration programs on PC based customer equipment
ICTWHS201	Provide telecommunications services safely on roofs
ICTWHS202	Work safely in a radio frequency electromagnetic radiation environment
ICTWHS205	Work safely near power infrastructure at a telecommunications workplace
ICTWOR301	Organise resources
ICTWOR302	Organise material supply
ICTWOR303	Schedule resources
ICTWOR304	Manage spare parts
ICTWOR305	Supervise worksite activities
ICTWOR306	Resolve technical enquiries using multiple information systems
ICTWOR307	Collect and analyse technical information
ICTWOR401	Undertake a civil site survey

Skill sets in scope

Code	Title
ICTSS00077	Telecommunications Linesworker Copper Skill Set
ICTSS00078	Telecommunications Linesworker Fibre Skill Set
ICTSS00080	Copper Cable Jointer Skill Set
ICTSS00083	Underground Installations Skill Set

Code	Title
ICTSS00084	Basic Open Cabler Registration Skill Set
ICTSS00085	Basic Restricted Cabler Registration Skill Set
ICTSS00086	ACMA Advanced Cabler Registration Skill Set
ICTSS00087	Basic Technician Network Build and Operate Skill Set
ICTSS00091	Radio Technician Skill Set
ICTSS00092	Technical Help Desk Support Skill Set
ICTSS00093	Telecommunications Linesworker HFC Skill Set
ICTSS00094	Technician Fibre Skill Set
ICTSS00095	Fibre Splicer Skill Set
ICTSS00096	Technician Hybrid Fibre Coaxial Skill Set
ICTSS00097	Telecommunications Customer Service Technician - HFC Technician Skill Set
ICTSS00098	Network Technician HFC Skill Set
ICTSS00110	Radio Frequency Skill Set
ICTSS00111	Optical Networking Skill Set
ICTSS00113	Telecommunications Networking Management Skill Set
ICTSS00114	Advanced Telecommunications Networking Skill Set
ICTSS00115	XG Cellular Network Infrastructure Rollout Skill Set
ICTSS00116	XG Cellular Network Implementation Skill Set
ICTSS00156	Telecommunications Network Engineering for Intermediate Roles Skill Set
ICTSS00165	Telecommunications Network Engineering for Advanced Roles Skill Set
ICTSS00184	Advanced ICT Sustainability Skill Set
ICTSS00185	Basic ICT Sustainability Skill Set
ICTSS00186	Civil Works - Installation of Pit and Pipe and FDH Skill Set
ICTSS00187	Commercial Digital Television Antenna Systems Installation Skill Set
ICTSS00188	Network Designer and Installation Skill Set
ICTSS00189	Digital Antenna System and Component Installation Skill Set
ICTSS00190	Convergence Installation in Small to Medium Networks Skill Set
ICTSS00191	Wireless LAN and IP Network Installation Skill Set