



Australian Institute of
Vocational Development



NATIONALLY RECOGNISED
TRAINING

UEE30411

CERTIFICATE III IN DATA AND VOICE COMMUNICATIONS

Release Status: Current

Release 5 - 17/04/2014

This qualification provides competencies to select, install, set up, test, fault find, repair and maintain telecommunications and high performance data services in buildings and premises. It includes ACMA requirements for Open Cabling Registration.

Key Learning Outcomes:

- ACMA Restricted & Open Cabling Registration
- Install & terminate Copper, Fibre & Aerial data cabling
- Lay underground cabling in Pit & Pipe
- Cable testing & fault finding
- Setup of wireless & advanced IP networks & equipment
- Install voice & data equipment (VOIP)
- Apply safe working practices

VIC 18130
TAS18021



The successful completion of this qualification requires competency to be achieved in all Core Competency Standard Units AND the Elective Competency Standards listed below to achieve a total weighting of 320 points. This requires you to complete all units listed below. This qualification is delivered in 7 stages:

Stage 1: Open Registration Units

UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace (C)
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components (*) (C)
UEENEEF102A	Install and maintain cabling for multiple access to telecommunications services (*) (C)
UEENEEE104A	Solve problems in d.c. circuits (*) (C)
UEENEEE105A	Fix and secure electrotechnology equipment (*) (C)
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications (*) (C)

Stage 2: Fundamentals Units

UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work (*) (C)
UEENEEH114A	Troubleshoot resonance circuits in an electronic apparatus (*) (C)
UEENEEE108A	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits (*) (C)
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector (C)

Stage 3: Combined Endorsements, Underground, Aerial Units

UEENEEF105A	Install and modify optical fibre performance data communication cabling (*) (C)
UEENEEF104A	Install and modify performance data communication copper cabling (*) (C)
UEENEEF113A	Install underground communication cables (*) (E)
UEENEEF112A	Install aerial telecommunication cables (*) (E)

(*) = These units contain pre-requisites.

(C) = Core Competency Standard

(E) = Elective Competency Standard

(I) = Imported Elective

NB: Australian Institute of Vocational Development DOES NOT issue any registrations or licences however some of the units in this qualification qualify you to apply for registration and licencing once completed.

Enrolment Requirements

There are no formal entry requirements, however people who are colour blind may not be appropriate for this qualification. Additionally, students will be required to complete an language, literacy and numeracy assessment as part of the enrolment process.

Duration

This course is delivered over a period of 13 - 24 months.

Stage 4: Design & Configure Voice & Data Communications (VOIP) Units

UEENEEC016B	Participate in voice and data communications work and competency development (C)
UEENEEF109A	Install and connect data and voice communication equipment* (C)
UEENEEF111A	Test, report and rectify faults in data and voice installations* (C)
UEENEEF110A	Select and arrange data and voice equipment for local area networks* (C)

Stage 5: Testing Units

ICTCBL306	Locate and identify cable system faults (I)
ICTBWN306	Use radio frequency measuring instruments (I)

Stage 6: Design & Configure IP Networks Units

UEENED102A	Assemble, set-up and test computing devices (*) (E)
UEENEEF114A	Set up and configure basic data communication systems (*) (E)
ICTTEN207	Install and test internet protocol devices in convergence networks (I)
ICTTEN312	Install telecommunications network equipment (I)

Stage 7: Design & Configure Wireless Networks Units

UEENEEF107A	Set up and configure the wireless capabilities of communications and data storage devices (*) (E)
UEENEEF108A	Select and arrange equipment for wireless communication networks (*) (E)

Training Solutions

Australian Institute of Vocational Development offers tailored training, in a number of different formats being face to face, self paced, research, simulations, workplace practicals and supervised learning activities. This ensures not only are the needs of the employer are met but that all learners develop the job skills required for the qualification they are studying.

The training is conducted by a qualified, industry current, trainer and assessor to ensure the learning is relevant and up to date.

Fees

Fee for service: \$5,500.00**

Funding: Individuals and or employers may be eligible for Government funding and or incentives. Australian Institute of Vocational Development will be able to discuss with you the different funding available and cost of training, or visit our website www.aivd.com.au

**The Student Tuition Fees are indicative only and are subject to change based on individual circumstance.

AIVD encourages students with disabilities to access our training under the Equal Opportunity Act (2010)

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