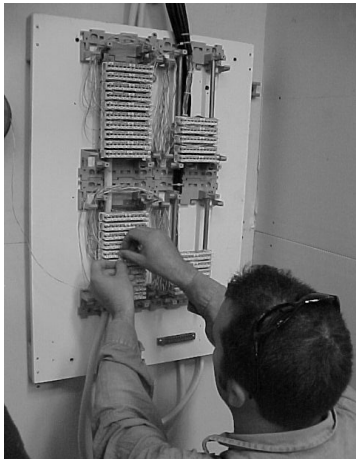


Category 5/6 Cabling

NTCo19



College of Electrical Training (CET)

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5 Avior Avenue, Jandakot WA 6164

PO Box 3857, Success WA 6469

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www.cet.asn.au

Course Overview

This course is an extension to the ACMA Base Cabling Licence and provides the student with the training, skills and knowledge required to correctly install and terminate Category 5/6 cabling.

Course Aim

To provide the student with the training, skills and knowledge to correctly install Category 5/6 cabling to the transmission and topology requirements of the current AS/NZS 3080 to meet client communication needs in a commercial environment. This module relates to ITCTC009A – Place, secure and terminate Category 5/6 cable for certification of the Telecommunication Cabling Competency Standards.

Module Learning Outcomes

- State the design principles and installation requirements for Category 5/6 Structured Cabling to current AS/NZS 3080
- Select cable and cabling hardware which is Category 5/6 compliant with AS3080-95
- State the cabling hardware and cabling characteristics which determine Category 5/6 performance and impact on the cabling environment on these characteristics
- Install Category 5/6 cabling and hardware in accordance with the current AS/NZS 3080, AS 3084 and the suppliers recommended practices
- Recognise and rectify Category 5/6 cabling installation non-compliance with current AS/NZS 3080, AS 3084 and explain the impact of such non-compliance on transmission performance.
- Identify typical computer and LAN cabling systems and topologies and explain how Category 5/6 cabling supports these systems and topologies

Course Requirements

Students applying for Open Cabling Registration must satisfy the following course pre-requisites:

- Certificate III in Electrical (Electrician / Electrical Mechanic) or equivalent certificate or
- 'A' grade Electrical Licence or
- 6 months aggregated verified experience in cabling (supported by a letter from the employer)

Course Duration

16 Hours - Full time or
After hours

Course Materials

- Students are required to obtain the following materials prior to course commencement:
- Communications Cabling Manual - available online at www.commsalliance.com.au/documents/standards or SAI Global, phone 13 12 42
- IDC Terminating Tool
- General cable stripping tools

Cabler Registration

Upon successful course completion you will be provided with a Statement of Attainment issued by the College.

The Statement of Attainment will then allow students who wish to enter the telecommunications cabling industry to register with one or more of the following cabler registrars:

- **ACRS** – Australian Cabler Registration Service, phone (02) 8923 6151
- **ASIAL** – Australian Security Industry Association Ltd, phone (02) 9906 4780
- **FPA Australia** – Fire Protection Association Australia, phone (03) 9890 1544
- **BICSI** – Registered Cablers Australia Pty Ltd (BRCA), phone (03) 9813 3355
- **TITAB** – Australian Cabler Registry Services (TITAB ACRS), phone (03) 9349 4955

Skills Recognition

Our skills recognition process benefits students, who have achieved prior training skills or knowledge and applies to Skills Recognition, Recognition of Prior Learning (RPL), Credit Transfer, Advanced Study or Exemption.

If you believe you are entitled to any of the abovementioned we encourage you to fill out the Application Form for Skills Recognition, which is available from our administration team. Your application will be assessed on an individual basis.

How to Enrol

This course is only run on demand so therefore it will be subject to numbers. Please complete and return the

registration form to register your interest, once we have enough people interested in the course we will schedule a date.

In order to guarantee your booking for any course your payment and registration must be completed. Under no circumstances will registration without payment entitle you to a position.

Course Fees

Subsidised course fees may be available to persons currently working in the building and construction industry or unemployed persons who have worked in that trade in the previous 6 months.

The fee subsidy does not apply to persons working in the security and mining industries and Government employees.

Please refer to the course registration form for current subsidised and non-subsidised course fees.

To be eligible for subsidised course fees students must sign the 'Fee Subsidy Declaration' on the course registration form.

Cancellation Policy

8 days or more prior to course commencement 100% fee refund

2 to 7 days prior to course commencement 90% fee refund

1 day or less prior to course commencement Nil fee refund

Should you have any queries please do not hesitate to contact:

Balcatta Campus

Taya Marshall

Phone: (08) 9240 7700 Email: admin4@cet.asn.au

Jandakot Campus

Jessica Kalmund

Phone: (08) 9417 8166 Email: admin14@cet.asn.au

Registration Form - Category 5/6 Course:

Balcatta Campus Jandakot Campus

How did you find out about the CET? _____

Surname _____

First Name _____

Date of Birth ____/____/____

Private Address _____

Suburb _____ Postcode _____

Telephone _____

Mobile _____

E-mail _____

Facsimile _____

Course Date _____

Company _____

Company Address _____

Company Ph No. _____

Do you have one of the following (please tick and provide evidence if applicable):

- Certificate III in Electrical (20 modules)
- 6 months cabling experience
- A Grade Electrical Licence
- Open Registration
- Other (please specify) _____

Course Fees

Please find enclosed my cheque / money order / credit card authority / company purchase order payable to the CET for (please tick):

- Non Subsidised Fee \$530.00
- Subsidised Fee \$145.00

Work History Form MUST be filled out and submitted if paying the Subsidised Fee

Paid by (if other than student, please provide name and address details) _____

Category 5/6 Course:

FEE SUBSIDY DECLARATION

I _____ (full name)

(please tick)

- Am currently working in the building & construction industry
- Am currently unemployed and have worked in the building & construction industry in the past 6 months

Please note: If the CTF declines this subsidy application you will be required to pay the full (non subsidised) fee immediately.

Name of Employer _____
(required to claim the fee subsidy)

(Signature)

(Date)

NOTE: The CTF subsidy reduces the student fee by up to 80%.



The Supplementary Skills Program is subsidised by the Construction Training Fund Board and we would like to acknowledge the Board's continued support of skills development in the building and construction industry.

The College of Electrical Training (CET) is the major private training provider for the Western Australian electrical and telecommunications industries.

Excellence in customer service is our priority and you will find that in comparison with other colleges the CET is outstanding. We offer modern 'state of the art' facilities and quality training by industry for industry.

Please detach and forward with your payment to:
See address details on front page

