



M I L C O M

**ICT20208 - CERTIFICATE II IN
TELECOMMUNICATIONS
EMPLOYER BASED DELIVERY PROGRAMME**

The information contained in this document is to assist you gain an understanding of what a possible training programme is available. The training programme you finally enrol in will depend on the choice of competencies and specific enterprise requirements identified between the trainee, the employer and Milcom's Field Training Officer

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1 Introduction

Certificate II in Telecommunications traineeships is an ideal way of bringing new staff into a company. It provides an opportunity for new entrants to develop the skills and knowledge that your company will require in the future at the same time providing training in a cost effective basis.

Training programmes for trainees can be self funded or government funded subject to approval.

The basis of a traineeship is for the trainee to be learning on the job with some off the job training as an Institution based block training over a period of 6 to 12 months. The trainee must be engaged in activities in the workplace that will provide them with the necessary practical skills to support the competency outcomes of the traineeship.

The Industry Role Definition for Certificate II is

Installation and operation of telecommunications equipment and products. This qualification prepares individuals for entry to the industry.

Requirements for Completion

A successful assessment outcome is the completion of **9 units**, comprising **3 Group 1 core units** and **6 Group 2 elective units**, in accordance with ICT02 Telecommunications Training Package Assessment Guidelines.

1.1 Competency outcomes

The range of competency that lead to a Certificate II in Telecommunications are:

UNIT CODE	UNIT	CORE / ELECTIVE
ICTTC140B	Use hand and power tools	Core
ICTTC141B	Work effectively in a telecommunications technology team	Core
ICTTC170A	Follow OHS and environmental policy and procedures	Core
ICTTC005D	Install cable support system	Elective
ICTTC006D	Place and secure cable	Elective
ICTTC008D	Terminate metallic conductor cable	Elective
ICTTC012D	Install functional and protective telecommunications earthing system	Elective
ICTTC016D	Joint copper cable	Elective
ICTTC017D	Alter services to existing cable system	Elective
ICTTC022D	Organise and monitor cabling to ensure compliance with regulatory and industry standards	Elective
ICTTC064D	Haul underground cable	Elective
ICTTC065D	Splice optic fibre cable	Elective
ICTTC066D	Joint and terminate co-axial cable	Elective
ICTTC068D	Install telecommunications service to a building	Elective
ICTTC130C	Prepare site for support installation	Elective
ICTTC131C	Install an above ground equipment enclosure	Elective
ICTTC132C	Erect cable supports	Elective
ICTTC133C	Construct an underground telecommunications infrastructure	Elective

Traineeship study programme

ICTTC134C	Fix aerial cable	Elective
ICTTC135C	Joint metallic cable	Elective
ICTTC136C	Install, maintain and modify customer premises communications cabling: ACA Restricted Rule	Elective
ICTTC137C	Install, maintain and modify customer premises communications cabling: ACA Open Rule	Elective
ICTTC138B	Install, maintain and modify customer premises communications cabling: ACA Lift Rule	Elective
ICTTC153B	Work safely near power infrastructure	Elective

Attainment of this qualification is achieved by completing all core and 6 elective competencies.

1.2 Regulatory outcome

Subject to the choice of competencies at the end of the programme the trainee will be able to apply for an Open Registration under the Australian Communications and Media Authority's (ACMA) Cabling Provider Rules (CPR).

The Open Registration allows the holder to undertake any type of cabling in both residential and commercial premises for:

Telecommunications
Data
Fire protection systems
Security
CCTV

Note additional licences may be required for Fire, security etc.

2 Employer -based delivery introduction

Milcom offers a work-based delivery of the training so as to meet the needs of today's business for a practical hands training programme. This way the enterprise can assist in the effective training of the trainee by having him on the job with experienced supervisors using the latest equipment and technologies.

To ensure the requirements of the telecommunications training package Certificate II are addressed, it will be necessary for the trainee to adhere to the following programme.

1. Familiarisation of the competencies and elements that make up the certificate
2. Purchase the textbooks and standards listed in the section titled "Resources"
3. Follow the study programme included in section title "Study programme"
4. Complete your log book at the end of each day
5. Complete the Distance Learning assessments as outlined by the assessor
6. Complete a practical assessment

3 Material provided

1. This booklet
2. Course notes and workbook
3. Log Book

Note the material you are provided with may vary from what is shown in this document as it depends on the competencies elected.

Milcom is happy to address any enterprise specific requirements where possible.

4 Resources

4.1 Textbook(s)

Title: Electrical Principles 1
Author: Peter Phillips
Publisher: Nelson
ISBN: 0 17 0092127

You will need to purchase the book from Dymocks or the Co-op Book Shop if you are doing the self-paced programme.

If you are attending an off the job block on EP1 the book is made available to you for the duration of the course.

4.2 Standards

Title: AS/ACIF S009
Author: ACIF
Publisher: ACIF

You will need to obtain a copy of the standards, its Available from Standards Australia or <http://www.commsalliance.com.au/>, click on “Publications” and scroll down to find the standard. It is free of charge for individuals.

5 Study programme

Institution based training programme based on the competencies selected

5.1 Off the job training

You will have to attend three to four blocks of training. The programming of the block will be dependent on both the availability of the trainee and the mainstream courses offered by Milcom. The purpose of the training blocks is to assist in the development of the underpinning skills and knowledge required to meet the competency outcome.

5.1.1 Assessment

Towards the completion of the training programme, an assessor will meet with you to conduct a full assessment to ensure you have covered the material and performed the practical tasks required to fulfil the requirements of the competencies.

The assessor will be looking for:

1. The study programme being completed (Distance Learning written assessments)
2. The log book indicating you are getting relevant experience against each competency.
3. You to complete the assessment.

All theoretical and practical assessments will be conducted during the Off the Job Training Blocks:

6 Fees and duration

6.1 Duration

The traineeship is designed to run over 12 months. It is possible in certain circumstances to complete the programme earlier subject to approval from the assessors and of Department of Education and Training.

6.2 Fees - Self Funded

Enrolment fee: It varies from state to state please contact Milcom for details
Tuition fee dependant on which competencies are chosen

Payment is required in full prior to commencement of the training programme.

If you withdraw within the first four weeks after enrolment and prior to commencing any off the job training, you will be entitled to a full refund of the Tuition fee only. No refund will be made of the enrolment fee.

If you withdraw after the first four weeks and prior to the mid point you will be entitled to a proportional refund of the tuition fees based on the number of weeks into the programme.

6.3 Fees – Government funded

Enrolment fee: It varies from state to state please contact Milcom for details
Tuition fee government funded

Payment is required in full prior to commencement of the training programme.

If you withdraw at any time after the first week of the enrolment date, there will be no refund.

**FOR FURTHER INFORMATION OR TO ENROL A
STUDENT, PLEASE CONTACT:**

MILCOM ON 1300 369 320 OR

training@milcom.com.au

*For terms and conditions please refer to our:
Welcome Trainee handbook*