

TELECOMMUNICATIONS

Resource Material

[Restricted Registration](#)

[Open Registration](#)

[Structured Cabling](#)

[Fibre Optics](#)

[New](#)

[Understanding IP Networks](#)

List August 2008

Rev 8.2



TITAB



Over-View



Integracom in conjunction with **TITAB** offer a range of Resource Material for Telecommunications and Security training that is recognised as a leading edge resource used by Training Organisations nationally including TAFE.

The course material is based on Australian Standards but incorporates input from Industry professionals including manufacturers, Installers, consultants and other Training Organisations.

Our manuals are “Living Documents” and are regularly upgraded as standards and installation practices change. This ensures that all resource material is current.

For each type of Training Course there is an instructors pack available which includes

- (1) Full Power Point Presentations
- (2) Answers to all Workbook Questions
- (3) Sample Exam Papers

Our flexibility in distributing our resource material ensures that orders are dispatched within 5 working days of placing that order.

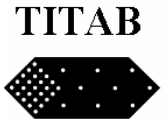
The manuals now form part of the TITAB list of approved resource material for Telecommunications Training

Integracom offers a full back up Technical Service to instructors nationally.

This will soon, also include an “Instructor Only” reference section on the website that will be updated regularly with changing standards, industry photos, white Papers and reference material.

Student manuals are comprehensive and include all the material required by the student to complete the course.

As Telecommunications Training falls under three different categories, our training material has been packaged to suit each individual category.



References

Our Training Manuals are now used nationally by a number of TAFE Colleges and Private RTOs.

These manuals have undergone and completed trials within the TAFE environment and have been part of the TAFE Moderation process in WA and SA for the last four years

They are also the standard manual used nationally by JB Hunter Technology for Telecommunications Training.

Below is a part list of colleges and lecturers that utilise the resource material listed in this document.

- | | |
|-------------------------------------|------------------|
| (1) Challenger TAFE (Rockingham WA) | Trevor Mills |
| (2) Challenger TAFE (Fremantle WA) | John Waswo |
| (3) Swan TAFE (Midland WA) | Paul Kilcullen |
| (4) Swan TAFE (Thornlie WA) | Trevor Breed |
| (5) Albany TAFE (WA) | Michael Jones |
| (6) TAFE SA (Regency) | Peter Berry |
| (7) TAFE SA (Regency) | Graham Palmer |
| (8) TAFE SA Electronics | Christine Haydon |
| (8) TAFE SA (Tea Tree Gully) | Alan Manley |
| (9) Central West TAFE WA | Maarten Plug |
| (11) Victoria University | Leigh Withington |
| (10) JB Hunter Technology | John Croxson |
| (11) ATEC SA | Phil Crockart |

Please feel free to contact any of the above mentioned lecturers or colleges if you require any further information on resource suitability, support material or comments in relation to dealing with Integracom.

TITAB



Category 1 Electro Technology Package

Name Electro Technology
Training Area Electrical Apprentices
Institution Type TAFE – Electrical Training Colleges

Material Available

Manual 1
Code CH001

Open Registration Only

NUE 190 Regulatory Environment
NUE 192 Basic Telephony –
Switching Systems
NTC 111 Installation Practices

Cost

Manual 1 \$120.00 + GST
Includes a KRONE Tool and UTP Stripper



Manual 2
Code CH002

Open Registration + Structured Cabling

NUE 190 Regulatory Environment
NUE 192 Basic Telephony – Switching Systems
NTC 111 Installation Practices
NUE 194 Structured Cabling Systems

Costs

Manual 2 \$150.00 + GST
Includes a KRONE Tool and UTP Stripper



Delivery cost 1-3 books \$15.00 + GST
 3 + books \$45.00 + GST

Instructors Manual Code CH003

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exams
- (4) Workbook Answers

Single Purchase Price \$400.00 + GST

**Note: With the first order of 12 Student Manuals
An instructor pack is issued Free of Charge.**



Category 2 Competency Based Training

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Name **ICTTC 137B**
Training Area Cabling Technicians that have the following
 (1) Minimum 6 Months Cabling Experience
 (2) Relevant OH&S Training

Institution Type TAFE – Recognised Training Organisations (RTO)

This manual delivers both the 136B and 137B qualification

Material Available

Manual 1 **Open Registration Only ICTTC 137B**
Code CH007
 Part 1 Regulatory Environment
 Part 2 + 3 Switching Systems
 Part 4 Installation Practices
Costs **Manual 1 \$120.00 + GST**
Includes a KRONE Tool and UTP Stripper



Manual 2 **Open Registration ICTTC 137B + ICTTC 009C**
Code CH007a
 Part 1 Regulatory Environment
 Part 2 + 3 Switching Systems
 Part 4 Installation Practices
 ICTTC 009C Structured Cabling Systems
Costs **Manual 2 \$150.00 + GST**
Includes a KRONE Tool and UTP Stripper



Delivery cost **1-3 books \$15.00 + GST**
 3 + books \$45.00 + GST

Instructors Manual Code CH008

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exams
- (4) Workbook Answers



Single Purchase Price \$400.00 + GST

**Note: With the first order of 12 Student Manuals
 An instructor pack is issued **Free of Charge**.**

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Category 3 NTC Modules

Name Telecommunications Conversion Course
 Training Area Cabling Technicians that have the following
 (1) Minimum 6 Months Cabling Experience
 (2) Relevant OH&S Training

Institution Type TAFE – Recognised Training Organisations

Material Available

Manual 1

Code CH004

Open Registration Only

NTC 004 Regulatory Environment
 NTC 014 Basic Telephony
 NTC 017 Switching Systems
 NTC 111 Installation Practices

Costs

Manual 1 \$120.00 + GST
Includes a KRONE Tool and UTP Stripper



Manual 2

Code CH005

Open Registration + Structured Cabling

NTC 004 Regulatory Environment
 NTC 014 Basic Telephony
 NTC 017 Switching Systems
 NTC 111 Installation Practices
 NTC 019 Structured Cabling Systems

Costs

Manual 2 \$150.00 + GST
Includes a KRONE Tool and UTP Stripper



Delivery cost 1-3 books \$15.00 + GST
 3 + books \$45.00 + GST

Instructors Manual Code CH006

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exams
- (4) Workbook Answers

Single Purchase Price \$400.00 + GST



Note: With the first order of 12 Student Manuals
 An instructor pack is issued **Free of Charge**.

Individual Modules

RTOs often have developed some of the material required to complete an Open Registration course. In order to facilitate this Integracom have developed the course material in such a way that individual modules or units can be printed and distributed for use in conjunction with existing material already in place.

Material Available

Modules

Code CH016

| | | |
|----------------|-------------------------------|----------------|
| NUE 190 | Regulatory Environment | \$65.00 |
| NTC 004 | Regulatory Environment | \$65.00 |

Code CH017

| | | |
|--------------------|------------------------|----------------|
| NTC 014/017 | Basic Telephony | \$30.00 |
| NUE 192 | Basic Telephony | \$30.00 |

Code CH018

| | | |
|----------------|-------------------------------|----------------|
| NTC 111 | Installation Practices | \$35.00 |
|----------------|-------------------------------|----------------|

| | | |
|----------------------|------------------|----------------------|
| Delivery cost | 1-3 books | \$15.00 + GST |
| | 3 + books | \$45.00 + GST |

Code CH-IMIS

Instructors Manual

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exams
- (4) Workbook Answers

Single Purchase Price \$200.00 + GST (For each Subset)

**Note: With the first order of 12 Student Manuals
An instructor pack is issued **Free of Charge**.**





Restricted Registration

Name Restricted Registration
 Training Area Cabling Technicians that have the following
 (1) Minimum 6 Months Cabling Experience
 (2) Relevant OH&S Training
 Institution Type TAFE – Recognised Training Organisations (RTO)

Material Available

Code CH009

Manual 1 **Restricted Registration only**
 NTC/NUE 199
 ICTTC 136B



Course Content

Regulatory Environment
 Basic Telephony
 Installation Practices

Costs **Manual 1** **\$57.00 + GST**

Delivery cost **1-3 books** **\$15.00 + GST**
3 + books **\$45.00 + GST**

Instructors Manual Code CH010

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exams
- (4) Workbook Answers

Single Purchase Price **\$200.00 + GST**



**Note: With the first order of 12 Student Manuals
 An instructor pack is issued **Free of Charge**.**

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Endorsement Packages (Structured cabling Systems SCS)

Structured Cabling

Name Structured Cabling
 Training Area Electrical Apprentices / Technicians
 Institution Type TAFE – Electrical Training Colleges
 RTO`s



Training Area Cabling Technicians who have completed their Open Registration.

Material Available

Code CH011

NUE 194

Structured Cabling

Qualifies for SCS endorsement on Open Registration

Costs

Manual \$65.00 + GST

Code CH012

NTC 019

Structured cabling

Qualifies for SCS endorsement on Open Registration

Costs

Manual \$65.00 + GST

Code CH012a

ICTTC 009C

Structured cabling

Qualifies for SCS endorsement on Open Registration

Costs

Manual \$65.00 + GST

| | | |
|---------------|-----------|---------------|
| Delivery cost | 1-3 books | \$15.00 + GST |
| | 3 + books | \$45.00 + GST |

Instructors Manual Code CH013

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exam
- (4) Workbook Answers

Single Purchase Price \$200.00 + GST

Note: With the first order of 12 Student Manuals
 An instructor pack is issued **Free of Charge.**



Fee for Service Package

TITAB



Introduction to IP Networks

Name IP Networks
 Training Area Electrical Apprentices / Technicians
 Institution Type TAFE – Electrical Training Colleges / RTO`s

Note - This course is not competency based it is structured as a Fee for Service course.

Material Available

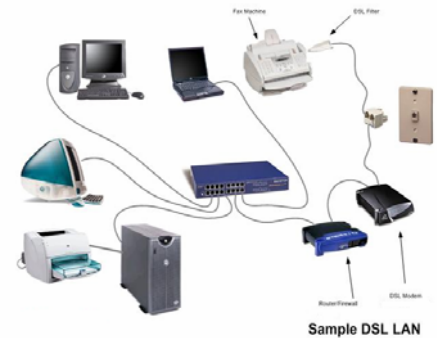
Code CH019

IMG 1191 Understanding IP Networks
Costs Manual \$70.00 + GST

Delivery cost 1-3 books \$15.00 + GST
 3 + books \$45.00 + GST

Course Content

1. Network Fundamentals and Data Transmission
2. Understanding IP addressing and Subnet masks
3. Understanding DHCP and static IP addresses
4. Sharing Internet connections and basic networking
5. File and Print Sharing
6. Understanding Internet security
7. Setting up Wireless Networks
8. Understanding ADSL Circuits
9. Router Port forwarding for Security and CCTV applications
10. Hands on Router Configuration for ADSL services



Instructors Manual Code CH020

- (1) Full Manual
- (2) Full PowerPoint Presentations
- (3) Sample Exam
- (4) Workbook Answers

Single Purchase Price \$200.00 + GST

**Note: With the first order of 12 Student Manuals
 An instructor pack is issued Free of Charge.**

For information relating to any of the mentioned resource material
Or to receive a sample Kit Please contact

Carl Holmes

Integracom Management Group

Tel: 08 9355 5770

Fax: 08 9355 5990

E mail: carl@integracom.com.au

Web: www.integracom.com.au

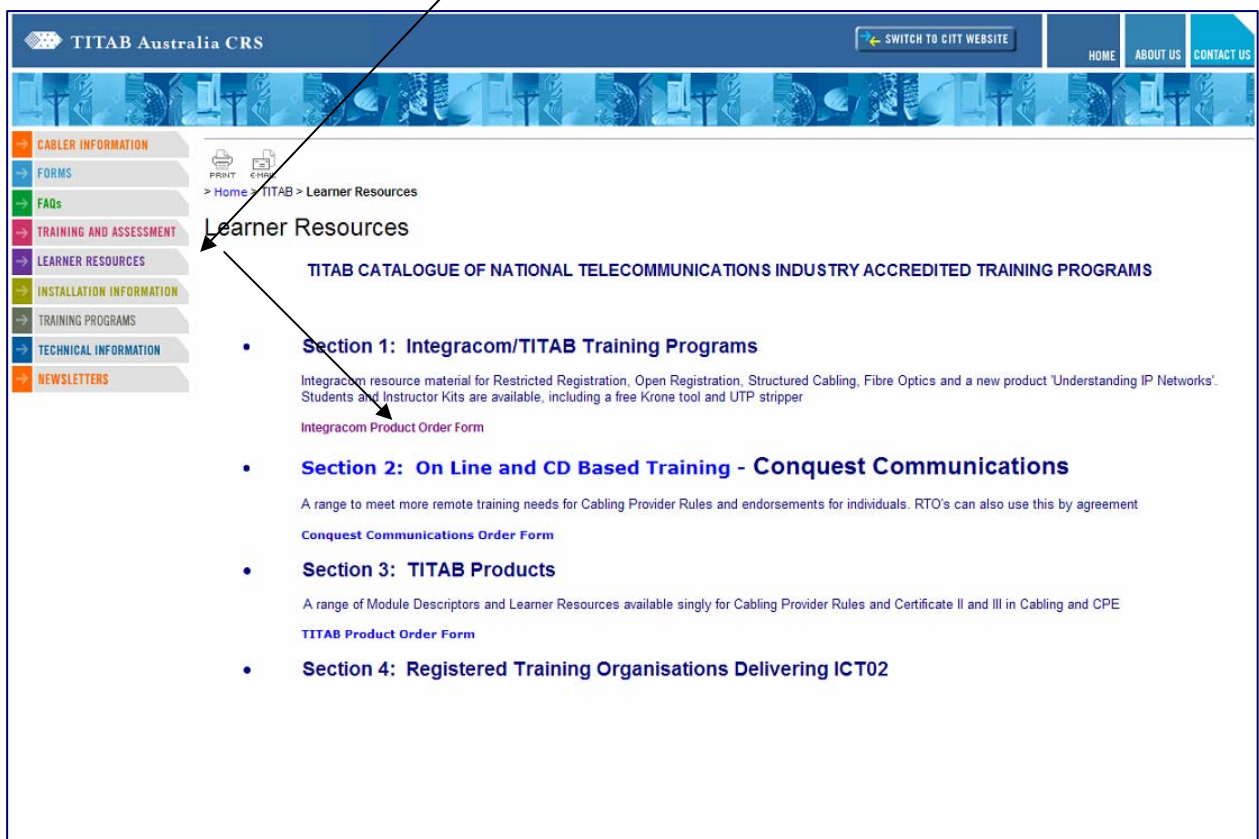
Alternatively resource material can be ordered through TITAB by visiting
their Web site at www.titab.com.au - Tab (Learner Resource)

Or by contacting them on

Tel: 03 9349 4955

Fax: 03 9349 4844

Email: info@titab.com.au



TITAB Australia CRS

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Learner Resources

TITAB CATALOGUE OF NATIONAL TELECOMMUNICATIONS INDUSTRY ACCREDITED TRAINING PROGRAMS

- Section 1: Integracom/TITAB Training Programs**
Integracom resource material for Restricted Registration, Open Registration, Structured Cabling, Fibre Optics and a new product 'Understanding IP Networks'. Students and Instructor Kits are available, including a free Krone tool and UTP stripper
[Integracom Product Order Form](#)
- Section 2: On Line and CD Based Training - Conquest Communications**
A range to meet more remote training needs for Cabling Provider Rules and endorsements for individuals. RTO's can also use this by agreement
[Conquest Communications Order Form](#)
- Section 3: TITAB Products**
A range of Module Descriptors and Learner Resources available singly for Cabling Provider Rules and Certificate II and III in Cabling and CPE
[TITAB Product Order Form](#)
- Section 4: Registered Training Organisations Delivering ICT02**