



# ICT50415 Diploma of Information Technology Networking

National ID: ICT50415 | State ID: AWD7

## About this course

### Are you looking to embark on a high end IT networking career?

When you complete the Diploma of Information Technology Networking you will be an attractive applicant for in-demand IT roles such as network manager, IT administrator, or network administrator.

You will gain the career enhancing knowledge and skills to: manage complex networks; configure virtual computing environments; apply advanced switching skills; implement active directories; administer Microsoft 365 systems, manage data storage systems; build complex networks. The course has embedded studies in Cisco, Microsoft Server and VMware.

You will acquire valuable experience in current industry standards, reviewing new technology, and with workplace health and safety.

South Metro TAFE has been a Cisco Academy for over ten years. With high levels of equipment and fully trained instructors this is the place to study in the Networking pathway or to undertake vendor certification studies.

It is expected that students entering Diploma level studies have the knowledge and/or experience equivalent to that gained in completing the relevant certificate IV course. The course builds on existing skills and does not "start from the beginning".

Completion of the Diploma of Information Technology Networking opens up a range of further study options and it may produce advanced standing towards a university degree.

Note: the course duration on the Rockingham campus is two semesters. At the Murdoch and Thornlie campuses the course is done in one semester. Applicants may choose at which campus they wish to study.

The Centre for IT Excellence (CITE) provides state of the art, industry relevant training in information technology, creative media and electronics. We provide pathways from foundation studies to advanced diploma with specialist training in cyber security, systems and programming.

Fantastic news! Our state-of-the-art Training Cyber Security Operations Centre (TCSOC) is now officially open. This new facility provides a secure training environment designed to simulate realistic cyber-attacks relating to attack, defence and monitoring. The TCSOC provides a multi-campus centre based in Murdoch with 'nodes' at Thornlie and Rockingham campuses in order for all IT students to experience this leading edge training.

SM TAFE actively promotes the employment availability of course graduates to key industry partners and organisations. We also seek expressions of interest from organisations for the placement of our students into work experience. We endeavour to assist students into a career pathway, but please be aware that neither employment nor work experience placement is guaranteed by us.

## Overview

### Semester 1, 2019

---

#### Murdoch Campus - Full Time-Classroom



Duration: **12 Months**



When: **Semester 1, 2019**



How: **Full Time**

## Units

---

### Core

Unit Title	National ID
Contribute to copyright, ethics and privacy in an ICT environment	ICTICT418
Match ICT needs with the strategic direction of the enterprise	ICTICT511
Install and manage complex ICT networks	ICTNWK529
Implement server virtualisation for a sustainable ICT system	ICTSUS501
Produce an ICT network architecture design	ICTTEN611

## Elective

Unit Title	National ID
Research and review hardware technology options for organisations	ICTICT501
Gather data to identify business requirements	ICTICT509
Plan, implement and test enterprise communication solutions	ICTNWK501
Implement secure encryption technologies	ICTNWK502
Install and maintain valid authentication processes	ICTNWK503
Design, build and test a network server	ICTNWK505
Manage network security	ICTNWK511
Determine best-fit topology for a wide area network	ICTNWK517
Install and configure network access storage devices	ICTNWK524
Configure and manage advanced virtual computing environments	ICTNWK533
Configure and troubleshoot advanced network switching	ICTTEN422

## Entrance requirements

School Leaver

Completion of WACE General or ATAR  
(Minimum C Grades) or equivalent

Non-School Leaver

Completion of WACE General or ATAR or  
equivalent (minimum C Grades)

AQF

Certificate III

## Job opportunities

- When you complete the Diploma of Information Technology Networking you will be an attractive applicant for in-demand IT roles such as IT administrator, or network administrator.

For information about jobs and pathways, please see <http://joboutlook.gov.au/>

Further study opportunities:

- ICT60215 Advanced Diploma of Network Security, State ID AVX6

## Fees and charges

### Indicative fees and charges

[2019 general admission fees list](#)

[2019 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students
- Based on unit electives designed to meet localised industry demand for skills
- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

## VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

## International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

## Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

## Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.

**Please note, fees are subject to change.**