



# ICT40418 Certificate IV in Information Technology Networking

National ID: ICT40418 | State ID: BEH0

## About this course

### Networking is one of the fastest growing areas of IT

If you have chosen Networking as your area of expertise, then the Certificate IV in Information Technology Networking is a great starting point. This course will teach you the **practical skills** to **install and configure small to medium size modern networks** - including exposure to virtual machines, wireless technologies, cloud storage, infrastructure devices, network security, deployment resources to desktops and user support.

East Perth and Joondalup campuses have dedicated Training Networks and are registered as both **Cisco Academy** and **Redhat Academy** providers. Joondalup also offers **Microsoft Imagine Academy** as part of your studies

### Gain these skills

- Install and build networks using Microsoft, Linux and Cisco IOS operating systems and services
- Monitor and maintain these systems
- Implement the security features of these operating systems
- Configure routers and switches
- Build on effective communication, documentation and general business skills

### Is this course right for me?

I have the following attributes:

- Able to apply analytical and problem solving skills
- Good written and oral communication skills
- Good organisational and time management skills
- Able to work both independently and as part of a team

## Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

## Semester 2, 2020

### Midland - On Campus



Duration: **1 Semester/s**



When: **Semester 2, 2020**



How: **On campus**

## Units

### Core

National ID	Unit Title
BSBWHS304	Participate effectively in WHS communication and consultation processes
ICTICT401	Determine and confirm client business requirements
ICTICT418	Contribute to copyright, ethics and privacy in an ICT environment
ICTNWK401	Install and manage a server
ICTNWK403	Manage network and data integrity
ICTNWK404	Install, operate and troubleshoot a small enterprise branch network
ICTNWK420	Install and configure virtual machines
ICTTEN416	Install, configure and test an internet protocol network

### Elective

National ID	Unit Title
ICTICT408	Create technical documentation

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ICTNWK407	Install and configure client-server applications and services
ICTNWK409	Create scripts for networking
ICTNWK411	Deploy software to networked computers
ICTPRG405	Automate processes
ICTSAS415	Optimise ICT system performance
ICTSAS419	Support system software
ICTSAS426	Locate and troubleshoot ICT equipment, system and software faults
ICTTEN417	Install, configure and test a router

## Entrance requirements

School Leaver	Non-School Leaver	AQF
C Grades in Year 11 WACE General English, and OLNA or NAPLAN 9 Band 8	C Grades in Year 11 English and Maths or equivalent	Certificate II or Certificate III

## Further study

Enhance your skills in this area with the following study options.

## Job opportunities



[Network Administrator](#) | [Network Specialist](#) | [Network Support](#)

Other job titles may include:

- System/Diagnostic Supporter
- Network HelpDesk
- IT Administrator/Technician
- Systems Administrator

*Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.*

## Important information

Other costs for consideration:

- Recommended - portable self-powered USB 3.2 gen1 / gen2 SSD with at least 500GB storage

## Fees and charges

### Local full time students

Course fees are made up of two components, tuition fees and resource fees.

**Tuition fees** are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

**Resource fees** are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

### International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

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