



# ICT50418 Diploma of Information Technology Networking

National ID: ICT50418 | State ID: BEH6

## About this course

### Gain advanced skills in networking and join this lucrative sector of the IT industry

When you complete the Diploma of Information Technology Networking you will have all the skills needed to be successful in this in-demand industry. This course includes Cisco devices, Microsoft Server operating system, Linux operating system and VMware. All current industry standards are covered and you'll gain **real-world experience** conducting **help-desk support** as part of your studies on our **dedicated training network**.

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

- Manage complex networks
- Configure virtual computing environments
- Apply advanced switching and routing skills
- Implement active directories
- Administer Microsoft 365 and Azure systems
- Manage data/cloud storage systems

### Is this course right for me?

I have the following attributes:

- Good communication skills
- Logical approach to problem solving
- A high level of patience
- An interest in electronics and computers

**New students** who have not studied the course that precedes this qualification should book an appointment using the link below or contact the area to ensure they apply for the correct level of study.

**BOOK INTERVIEW** [Joondalup \(Individual appointments\)](#)

**BOOK INTERVIEW** [Joondalup \(Group appointment\)](#)

## 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

### East Perth - On Campus



Duration: **2 Semester/s**



When: **Semester 2, 2020**



How: **On campus**

## Units

### Core

National ID	Unit Title
ICTICT418	Contribute to copyright, ethics and privacy in an ICT environment
ICTICT517	Match ICT needs with the strategic direction of the organisation
ICTNWK529	Install and manage complex ICT networks
ICTSUS501	Implement server virtualisation for a sustainable ICT system
ICTTEN611	Produce an ICT network architecture design

### Elective

National ID	Unit Title
ICTNWK502	Implement secure encryption technologies

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ICTNWK507	Install, operate and troubleshoot medium enterprise routers
ICTNWK509	Design and implement a security perimeter for ICT networks
ICTNWK511	Manage network security
ICTNWK524	Install and configure network access storage devices
ICTNWK527	Manage an enterprise virtual computing environment
ICTNWK531	Configure an internet gateway
ICTNWK533	Configure and manage advanced virtual computing environments
ICTNWK617	Configure and manage a storage area network
ICTPRG418	Apply intermediate programming skills in another language
ICTTEN422	Configure and troubleshoot advanced network switching

## Entrance requirements

School Leaver	Non-School Leaver	AQF
Completion of WACE General or ATAR (Minimum C Grades) or equivalent	Completion of WACE General or ATAR or equivalent (minimum C Grades)	Certificate III

## Further study

Enhance your skills in this area with the following study options. Or you could continue to study at university and possibly gain advanced standing. Contact your chosen university for information.

## Job opportunities



[Computer Network Engineer | Computer Systems Integrator](#)

Other job titles may include:

- Cloud Engineer
- Integration Analyst
- Systems Engineer
- Solutions Architect
- Independent ICT specialist (Internetworking, security and e-business integration)

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

Typical timetable:

- 4 days per week plus Student Lab Time

## 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.**