

# Pre-enrolment Information



## ICT40415

# Certificate IV in Information and Communication Technology Networking

*Face to Face*

Training Package Version 3.1

# PRE-ENROLMENT INFORMATION

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For more information about TAFE and Central Regional TAFE, check out our website at [www.centralregionaltafe.wa.edu.au](http://www.centralregionaltafe.wa.edu.au)

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## ICT40415 Certificate IV in ICT Networking

### Course Information

<b>ICT40415</b>	Certificate IV in Information and Communication Technology Networking
This qualification provides the skills and knowledge for an individual to install and manage small scale networks, either as an independent network support technician or as part of a team.	
<b>Packaging Information</b>	Total number of units = 17 8 core units plus 9 elective units
<b>Duration</b>	1 Year (2 Semesters)
<b>Location</b>	Geraldton

Unit of competency (National code and title)	Core or Elective	Pre-requisite	Amount of training (For the standard learner, suggested hours may change based on needs of individual learners)
ICTICT401 Determine and confirm client business requirements	C	Nil	<b>Amount of Training:</b> 30 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>10 x 2 hrs sessions</li> <li>2 x 3 hrs Assessment</li> </ul>
ICTNWK401 Install and manage a server	C	Nil	<b>Amount of Training:</b> 20 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>2 x 5 hr sessions</li> <li>5 x 2 hrs Assessment</li> </ul>
ICTNWK402 Install and configure virtual machines for sustainable ICT	C	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 2 hrs sessions</li> <li>2 x 2 hrs Assessment</li> </ul>
ICTTEN416 Install, configure and test an internet protocol network	C	Nil	<b>Amount of Training:</b> 20 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 1 hrs sessions</li> <li>2 x 1 hrs Assessment</li> </ul>
ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment	C	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 2 hrs sessions</li> <li>2 x 2 hrs Assessment</li> </ul>
ICTNWK403 Manage network and data integrity	C	Nil	<b>Amount of Training:</b> 20 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 1 hrs sessions</li> <li>2 x 1 hrs Assessment</li> </ul>
ICTNWK404 Install, operate and troubleshoot a small enterprise branch network	C	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 2 hrs sessions</li> <li>2 x 2 hrs Assessment</li> </ul>

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BSBWHS304 Participate effectively in WHS communication and consultative processes	C	Nil	<b>Amount of Training:</b> 30 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>10 x 2 hrs sessions</li> <li>5 x 2 hrs Assessment</li> </ul>
ICTNWK405 Build a small wireless local area network	E	Nil	<b>Amount of Training:</b> 10 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>4 x 2 hr sessions</li> <li>1 x 2 hr Assessment</li> </ul>
ICTSAS426 Locate and troubleshoot ICT equipment, system and software faults	E	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 3.5 hr sessions</li> <li>2 x 3.5hr Assessment</li> </ul>
ICTNWK407 Install and configure client-server applications and services	E	Nil	<b>Amount of Training:</b> 32 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>12 x 2 hr sessions</li> <li>2 x 4 hr Assessment</li> </ul>
ICTNWK406 Install, configure and test network security	E	Nil	<b>Amount of Training:</b> 60 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>25 x 2 hr sessions</li> <li>2 x 2.5 hr Assessment</li> </ul>
ICTNWK412 Create network documentation	E	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 1.5 hr sessions</li> <li>2 x 2.5 hr Assessment</li> </ul>
ICTTEN513 Install, configure and test a local area network switch	E	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 2 hr sessions</li> <li>2 x 2 hr Assessment</li> </ul>
ICTTEN419 Implement and troubleshoot enterprise routers and switches	E	Nil	<b>Amount of Training:</b> 60 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>28 x 2 hr sessions</li> <li>2 x 2 hr Assessment</li> </ul>
ICTNWK525 Configure an enterprise virtual computing environment	E	Nil	<b>Amount of Training:</b> 60 <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 3 hr sessions</li> <li>2 x 3 hr Assessment</li> </ul>
ICTNWK409 Create scripts for networking	E	Nil	<b>Amount of Training:</b> 40 hours <b>Scheduled Classes:</b> <ul style="list-style-type: none"> <li>18 x 2 hr sessions</li> <li>2 x 2 hr Assessment</li> </ul>

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## *ICT40415 Certificate IV in ICT Networking*

### Entry Requirements

Search for your course on our website at [www.centralregionaltafe.wa.edu.au](http://www.centralregionaltafe.wa.edu.au) and you can find detail on the entry requirements for this course.

### Career Pathways

Your course provides you with skills and knowledge to enter the workforce in varied job roles as well as further education. Details can be found on our website at [www.centralregionaltafe.wa.edu.au](http://www.centralregionaltafe.wa.edu.au)

### Course Costs

You will find detailed information about your course costs and how the costs are compiled on the Central Regional TAFE website here : <http://www.centralregionaltafe.wa.edu.au/futurestudents/feespaymentoptions>  
Alternatively, check the drop down box for FEES on your course page on the website which will also have details about the course fees.

### Textbooks and Learning Materials

Our physical and online library has a wide range of written and electronic resources useful to your course. You can find our online library on the Central Regional TAFE website at :  
<http://www.centralregionaltafe.wa.edu.au/currentstudents/librarybookshop>

For on campus students your learning materials for each unit will be provided to you as you progress through the semester and the price is incorporated in your enrolment fees. If you are enrolled off campus other information about your learning materials and purchases will be provided with your enrolment.

Following additional resources will be required.

### Other Course Requirements

Some courses may require you to provide additional resources such as Personal Protective Equipment (PPE) or uniforms. A list is provided below.

- USB Drive or External Hard Drive
- Ear Phones (These will not be supplied in class)
- Pen, Pencil, Pad for sketching and drafts
- File dividers, File for keeping notes, handouts

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### STUDY OPTIONS

Central Regional TAFE aims to provide varied options for study to suit your needs. Not all courses are available at all campuses in the same way.

The following options are available in this course at this campus. For additional information about flexible study options at all of our campuses please check the courses pages on the Central Regional TAFE website.

- Face to Face, 1 year fulltime (40 weeks)
- Flexi
- Open learning
- Students are expected to allow a minimum of 5 hours home study time

### YOUR TIMETABLE

Geraldton Campus students can locate their Timetables from the myPortal page on the Central Regional TAFE website. You can also subscribe to your timetable so that you can view in your own Calendar. Details on how to subscribe to your Calendar can be found on the myTimetable link in the Student Portal.

### TIMETABLE SEMESTER 2, 2019

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30am - 10:30am			ICTTEN416 Install, configure and test an internet protocol network  <b>K018</b>	ICTNWK402 Install and configure virtual machines for sustainable ICT  <b>K018</b>	BSBWHS304 Participate effectively in WHS communication and consultation  <b>8:30 – 10:30 B045</b>
10:30 - 10:45 MORNING TEA					
10:45am - 12:30pm			ICTNWK401 – Install and manage a server  <b>K018</b>	ICTNWK407 Install and configure client server applications and services  <b>K018</b>	
12:30 - 1:00 LUNCH BREAK					
1:00pm - 3:00pm		ICTICT401 Determine and confirm client business requirements  <b>K018</b>	ICTNWK403 - Manage network and data integrity  <b>K018</b>	ICTNWK525 Configure and enterprise virtual computing environment  <b>K018</b>	

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## ICT40415 Certificate IV in ICT Networking

### TIMETABLE SEMESTER 1, 2020

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30am - 10:30am		ICTNWK412 Create network documentation  <b>K018</b>	ICTNWK406 Install, configure and test network security  <b>K018</b>	ICTTEN419 Implement and troubleshoot enterprise routers and switches  <b>K018</b>	
10:30 - 10:45 MORNING TEA					
10:45am - 12:30pm		ICTNWK409 - Create scripts for networking  <b>K018</b>	ICTTEN513 Install configure and test a local area network switch  <b>K018</b>	ICTTEN419 Implement and troubleshoot enterprise routers and switches  <b>K018</b>	
12:30 - 1:00 LUNCH BREAK					
1:00pm - 3:00pm		ICTNWK405 Build a small wireless local area network  <b>K018</b>	ICTNWK404 Install, Operate and troubleshoot a small enterprise branch network  <b>K018</b>	ICTTEN419 Implement and troubleshoot enterprise routers and switches  <b>K018</b>	ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment  <b>B002</b>