Pre-enrolment Information

ICT40415
Certificate IV in Information and Communication Technology
Networking
Face to Face

Training Package Version 3.1
WHY CHOOSE TAFE?

More courses, more qualifications, more places to learn. Full time, part time, on campus, online, in your workplace or any combination of these.

With more than 980 TAFE qualifications to choose from, delivered by five TAFE colleges at campuses right across Western Australia, there are more opportunities than ever for you to make your name.

From Certificate I to Advanced Diploma level, TAFE specialises in combining theory with practical training in industry relevant learning environments. This ensures you are well equipped with the skills you need to enter the workforce, gain a promotion or undertake further study via one of our university pathways upon completion of your qualification.

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)
# Course Information

**Course Information**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Package Information</th>
<th>Duration</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT40415</td>
<td>Certificate IV in Information and Communication Technology Networking</td>
<td>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.</td>
<td>Total number of units = 17 – 8 core units plus 9 elective units</td>
<td>1 Year (2 Semesters)</td>
<td>Geraldton</td>
</tr>
</tbody>
</table>

## Packaging Information

<table>
<thead>
<tr>
<th>Unit of Competency</th>
<th>Core or Elective</th>
<th>Prerequisite</th>
<th>Amount of Training</th>
<th>Scheduled Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ICTICT401</strong> Determine and confirm client business requirements</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 30 hours</td>
<td>10 x 2 hrs sessions, 2 x 3 hrs Assessment</td>
</tr>
<tr>
<td><strong>ICTNWK401</strong> Install and manage a server</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 20 hours</td>
<td>2 x 5 hr sessions, 5 x 2 hrs Assessment</td>
</tr>
<tr>
<td><strong>ICTNWK402</strong> Install and configure virtual machines for sustainable ICT</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 40 hours</td>
<td>18 x 2 hrs sessions, 2 x 2 hrs Assessment</td>
</tr>
<tr>
<td><strong>ICTTEN416</strong> Install, configure and test an internet protocol network</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 20 hours</td>
<td>18 x 1 hrs sessions, 2 x 1 hrs Assessment</td>
</tr>
<tr>
<td><strong>ICTICT418</strong> Contribute to copyright, ethics and privacy in an ICT environment</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 40 hours</td>
<td>18 x 2 hrs sessions, 2 x 2 hrs Assessment</td>
</tr>
<tr>
<td><strong>ICTNWK403</strong> Manage network and data integrity</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 20 hours</td>
<td>18 x 1 hrs sessions, 2 x 1 hrs Assessment</td>
</tr>
<tr>
<td><strong>ICTNWK404</strong> Install, operate and troubleshoot a small enterprise branch network</td>
<td>C</td>
<td>Nil</td>
<td>Amount of Training: 40 hours</td>
<td>18 x 2 hrs sessions, 2 x 2 hrs Assessment</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>E</td>
<td>Nil</td>
<td>Amount of Training</td>
</tr>
<tr>
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<td>--------------------</td>
</tr>
<tr>
<td>BSBWH5304</td>
<td>Participate effectively in WHS communication and consultative processes</td>
<td>C</td>
<td>Nil</td>
<td>30 hours</td>
</tr>
<tr>
<td>ICTNWK405</td>
<td>Build a small wireless local area network</td>
<td>E</td>
<td>Nil</td>
<td>10 hours</td>
</tr>
<tr>
<td>ICTSAS426</td>
<td>Locate and troubleshoot ICT equipment, system and software faults</td>
<td>E</td>
<td>Nil</td>
<td>40 hours</td>
</tr>
<tr>
<td>ICTNWK407</td>
<td>Install and configure client-server applications and services</td>
<td>E</td>
<td>Nil</td>
<td>32 hours</td>
</tr>
<tr>
<td>ICTNWK406</td>
<td>Install, configure and test network security</td>
<td>E</td>
<td>Nil</td>
<td>60 hours</td>
</tr>
<tr>
<td>ICTNWK412</td>
<td>Create network documentation</td>
<td>E</td>
<td>Nil</td>
<td>40 hours</td>
</tr>
<tr>
<td>ICTTEN513</td>
<td>Install, configure and test a local area network switch</td>
<td>E</td>
<td>Nil</td>
<td>40 hours</td>
</tr>
<tr>
<td>ICTTEN419</td>
<td>Implement and troubleshoot enterprise routers and switches</td>
<td>E</td>
<td>Nil</td>
<td>60 hours</td>
</tr>
<tr>
<td>ICTNWK525</td>
<td>Configure an enterprise virtual computing environment</td>
<td>E</td>
<td>Nil</td>
<td>60 hours</td>
</tr>
<tr>
<td>ICTNWK409</td>
<td>Create scripts for networking</td>
<td>E</td>
<td>Nil</td>
<td>40 hours</td>
</tr>
</tbody>
</table>
Entry Requirements
Search for your course on our website at 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

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
PRE-ENROLMENT INFORMATION

ICT40415 Certificate IV in ICT Networking

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

<table>
<thead>
<tr>
<th>TIME</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am - 10:30am</td>
<td>ICTTEN416 Install, configure and test an internet protocol network</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>K018</td>
<td>ICTNWK402 Install and configure virtual machines for sustainable ICT</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>BSBWH504 Participate effectively in WHS communication and consultation</td>
<td></td>
</tr>
<tr>
<td>10:30 - 10:45 morning tea</td>
<td></td>
<td></td>
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<tr>
<td>10:45am - 12:30pm</td>
<td>ICTNWK401 - Install and manage a server</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>K018</td>
<td>ICTNWK407 Install and configure client server applications and services</td>
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<td></td>
<td></td>
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<td></td>
<td>K018</td>
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<tr>
<td>12:30 - 1:00 lunch break</td>
<td></td>
<td></td>
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<tr>
<td>1:00pm - 3:00pm</td>
<td>ICIIC401 Determine and confirm client business requirements</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>K018</td>
<td>ICTNWK403 Manage network and data integrity</td>
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<td>K018</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ICTNWK525 Configure and enterprise virtual computing environment</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td></td>
<td></td>
<td>ICTTEN416 Install, configure and test an internet protocol network</td>
<td>ICTNWK402 Install and configure virtual machines for sustainable ICT</td>
<td>BSBWH504 Participate effectively in WHS communication and consultation</td>
</tr>
<tr>
<td>10:30</td>
<td></td>
<td></td>
<td>K018</td>
<td>K018</td>
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</tr>
<tr>
<td>10:45</td>
<td>moring tea</td>
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<tr>
<td>12:30</td>
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<tr>
<td>1:00</td>
<td></td>
<td></td>
<td>ICTICT401 Determine and confirm client business requirements</td>
<td>ICTNWK403 Manage network and data integrity</td>
<td>ICTNWK525 Configure and enterprise virtual computing environment</td>
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# PRE-ENROLMENT INFORMATION

**ICT40415 Certificate IV in ICT Networking**

## TIMETABLE SEMESTER 1, 2020

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