### INFORMATION COMMUNICATIONS & TECHNOLOGY

- **Certificate III Information, Digital Media and Technology**
  - ICT30115

### NETWORKING & CYBER SECURITY

- **Certificate IV Information Technology Networking**
  - ICT40415

- **Certificate IV Cyber Security**
  - 22334VIC

- **Diploma Information Technology Networking**
  - ICTX50415

- **Advanced Diploma Network Security**
  - ICT60215

#### Jobs

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<th>Potential Jobs</th>
<th>Direction</th>
<th>Key Topics</th>
<th>Duration*</th>
<th>Class Time*</th>
<th>Study Time*</th>
<th>Location*</th>
<th>Costs</th>
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</thead>
<tbody>
<tr>
<td>Help Desk Technician Assistant</td>
<td>Help Desk Technician</td>
<td>Develop your understanding of information technology and networking, leading to further study or to supplement your skills in an existing role.</td>
<td>Full-time: 1 semester (18 weeks)</td>
<td>Full-time: 18-21 hours per week</td>
<td>Full-time: 2-4 hours per week</td>
<td>Glendale, Newcastle, Ourimbah, Petersham, St George, Ultimo, Online</td>
<td>$1,740 (IF first qualification)</td>
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</table>

#### Key Topics

- Work effectively in ICT
- Install & configure operating systems & software
- Use tools & procedures to troubleshoot small scale networks
- Setup & configure virtual machines
- Monitor and report on security threats
- Network administrator
- Network management
- System administration
- System security
- Technical support

#### Duration*

- Full-time: 1 semester (18 weeks)
- Part-time: 2 semesters (36 weeks)
- Online: 2 semesters (52 weeks)

#### Class Time*

- Full-time: 18-21 hours per week
- Part-time: 9 hours per week
- Online: Self-paced 10 hours per week

#### Study Time*

- Full-time: 7-16 hours per week
- Depending on previous experience
- Online: Self-paced enquire for details

#### Location*

- Glendale, Newcastle, Ourimbah, Petersham, St George, Ultimo, Online
- Offered at many more locations across NSW – visit our website.

#### Costs

- $1,740 (IF first qualification)
- $2,080 (If second qualification)
- $2,400 (Traineeship fee)
- $7,890 (Full fee)
- Final fees depend on eligibility for subsidies, concessions and exemptions.

### Website

Visit [www.tafensw.edu.au](http://www.tafensw.edu.au) or for more course options and locations.
<table>
<thead>
<tr>
<th>INFORMATION, DIGITAL MEDIA AND TECHNOLOGY</th>
<th>CERTIFICATE III INFORMATION, DIGITAL MEDIA AND TECHNOLOGY</th>
<th>CERTIFICATE IV INFORMATION TECHNOLOGY NETWORKING</th>
<th>CERTIFICATE IV CYBER SECURITY</th>
<th>DIPLOMA INFORMATION TECHNOLOGY NETWORKING</th>
<th>ADVANCED DIPLOMA NETWORK SECURITY</th>
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<tr>
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<tr>
<td>I WANT...</td>
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</tr>
<tr>
<td>- to learn general, transferable IT skills for use in my work or further study</td>
<td>- to learn general, transferable IT skills for use in my work or further study</td>
<td>- to work as a networking technician because I enjoy computers</td>
<td>- to work as a networking technician because I enjoy computers</td>
<td>- to work as a Systems or Network Administrator or in high level support</td>
<td>- to use specialist networking skills at enterprise level or in a consulting role</td>
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<tr>
<td>- to explore a growth industry that crosses different sectors</td>
<td>- to explore a growth industry that crosses different sectors</td>
<td>- to enter a growth industry that allows me to work for large organisations</td>
<td>- to enter a growth industry that allows me to work for large organisations</td>
<td>- to gain specialist skills in a fast-paced, dynamic industry</td>
<td>- to take on a lead role in a fast-paced, dynamic industry</td>
</tr>
<tr>
<td>- to build on my skills so I can get a first level support or junior sales role</td>
<td>- to build on my skills so I can get a first level support or junior sales role</td>
<td>- to develop network support skills to work in a small business or help desk</td>
<td>- to develop network support skills to work in a small business or help desk</td>
<td>- to undertake network support at an intermediate level</td>
<td>- to undertake network security at an advanced level across a business</td>
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<tr>
<td>- to learn how to install &amp; configure operating systems and software</td>
<td>- to learn how to install &amp; configure operating systems and software</td>
<td>- to learn how to install, manage and troubleshoot small scale networks</td>
<td>- to learn how to install, manage and troubleshoot small scale networks</td>
<td>- to learn about routing, switching, creating Wide Area Networks, virtualisation and cloud computing</td>
<td>- to learn about advanced routing, advanced switching, network security, telephony and voice servers</td>
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<tr>
<td>- persist when I encounter a problem until I find a resolution</td>
<td>- persist when I encounter a problem until I find a resolution</td>
<td>- be methodical, recall past approaches &amp; persevere when troubleshooting</td>
<td>- be methodical, recall past approaches &amp; persevere when troubleshooting</td>
<td>- be resilient when trying alternatives to challenging networking problems</td>
<td>- apply my knowledge or research to diverse problems, logically &amp; rapidly</td>
</tr>
<tr>
<td>- to communicate with others and produce a written document</td>
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<td>- use word processing &amp; spreadsheets to mail merge and create charts</td>
<td>- use word processing &amp; spreadsheets to mail merge and create charts</td>
<td>- produce technical documentation &amp; related network diagrams</td>
<td>- use corporate systems in line with policies and procedures</td>
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<td>- to operate a computer (inc. saving files and emailing)</td>
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<td>- install, configure and tune Linux &amp; Windows operating systems/software</td>
<td>- install, configure and tune Linux &amp; Windows operating systems/software</td>
<td>- integrate the components of the network to create an environment</td>
<td>- provide advice on configuration and connection of infrastructure devices</td>
</tr>
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<td>- to read and follow instructions to install and troubleshoot in the work place</td>
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<td>- read technical manuals &amp; apply them to real problems</td>
<td>- read technical manuals &amp; apply them to real problems</td>
<td>- learn new networking concepts, to broaden my knowledge of server environments</td>
<td>- learn about new networking concepts through research or social networks (vendor &amp; general)</td>
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<td>I HAVE...</td>
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<tr>
<td>- to complete Year 10 (ROSA) or equivalent (recommended)</td>
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<td>- Certificate III Information, Digital Media &amp; Technology (Networking focus) or Certificate IV in other IT area (recommended)</td>
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<td>- Certificate IV in Networking or equivalent experience (recommended)</td>
<td>- Cisco Certified Networking Associate certification or equivalent experience (recommended)</td>
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<td>- a good understanding of English and grasp technical, industry terminology</td>
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<td>- Certificate III Information, Digital Media &amp; Technology or equivalent skills and knowledge (recommended)</td>
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<td>- basic mathematical literacy (inc. addition, division, multiplication)</td>
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<td>- to keep my networking knowledge and technical skills current with rapidly changing technology</td>
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<td>- work ethically, respect copyright and privacy laws</td>
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**I CHOOSE...**

**OR**

**CERTIFICATE III**

**OR**

**CERTIFICATE IV**

**OR**

**CERTIFICATE IV**

**OR**

**DIPLOMA**

**OR**

**ADVANCED DIPLOMA**