## Certificate III

### Potential Jobs
- Help Desk Technician Assistant
- ICT Technician

### Direction
Develop your understanding of information technology and computer programming, leading to further study or to supplement your skills in an existing role.

### Key Topics
- Work effectively in the ICT industry
- Install & configure operating systems & software
- Create user documentation
- Customise packaged software

### Duration

- **Campus Full-time:** 1 semester (18 weeks)
- **Online:** 2 semesters (52 weeks)

### Costs
- $1,740 (if first qualification)
- $2,080 (if second qualification)
- $240 (Concession fee)
- $1,000 (Traineeship fee)
- $7,890 (Full fee)

### Location
- Petersham, Online
- Offered at many more locations across NSW – visit our website.

### Course Information
- Visit [www.tafensw.edu.au](http://www.tafensw.edu.au) for more course options and locations.

## Certificate IV

### Potential Jobs
- Systems Analyst
- Analyst Programmer Support
- Assistant Programmer
- Support Programmer

### Direction
Build your basic programming skills in several of the most commonly used programming languages.

### Key Topics
- JavaScript (or Java Hunter), database testing and system programming for C#
- Configure/maintain databases
- Develop and present feasibility reports
- Maintain open source code programs

### Duration

- **Campus Full-time:** 2 semesters (36 weeks)
- **Campus Part-time:** 2 semesters (36 weeks)
- **Campus + Online:** 2 Semesters (36 weeks)

### Costs
- $1,980 (if first qualification)
- $2,310 (if subsequent qualification)
- $240 (Concession fee)
- $9,540 (Full fee)

### Location
- Petersham

## Diploma

### Potential Jobs
- Assistant Software Developer
- Systems Administrator

### Direction
Extend your programming skills to move into a more skilled software development role or as a pathway to a higher education qualification.

### Key Topics
- Software development lifecycle including analysis, development & testing
- Programming languages & tools
- Developing web-related products & applications
- Object-oriented design & development

### Duration

- **Campus Full-time:** 1 semester (18-20 weeks)
- **Online:** 2 semesters (52 weeks)

### Costs
- $3,600 (if first qualification)
- $4,060 (if subsequent qualification)
- $240 (Concession fee)
- $1,000 (Traineeship fee)
- $7,890 (Full fee)

### Location
- Petersham

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*Always check the website for current local course information.*

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Correct at the time of release. RTO 90003
CERTIFICATE III
I WANT...
- to work as a programmer because I enjoy working with computers
- to start to specialise in a growth industry that crosses different sectors
- to be an entry-level programmer to contribute to a development team
- to increase my existing skills and work in software development and programming

I CAN...
- sustain focus, recall past approaches & persevere when troubleshooting
- work as a member of a team & produce basic business documents
- install and configure an operating system and software
- read technical manuals and apply my interpretation to real world problems

I HAVE...
- completed Year 10 (ROSA) or Certificate II in Information, Digital Media and Technology (recommended)
- mathematical skills (including equations, division, percentages, sequences) as a basis for programming logic (recommended)

I WILL...
- keep my knowledge and technical skills current with rapidly changing technology
- work ethically, respect copyright & privacy laws

I CHOOSE...
- CERTIFICATE III

BECAUSE:
- to learn general, transferable IT skills for use in my work or further study
- to enter a growth industry that crosses different sectors
- to start at an entry level to develop a career in IT
- to learn how to install and configure operating systems and software
- to persist when I encounter a problem until I find a resolution
- to communicate with others & produce a written document
- to operate a computer (including saving files and emailing)
- to read and follow instructions to install and troubleshoot in the workplace

SOFTWARE DEVELOPMENT & PROGRAMMING
CERTIFICATE IV
I WANT...
- to start to specialise in a growth industry that crosses different sectors
- to be an entry-level programmer to contribute to a development team
- to increase my existing skills and work in software development and programming

I CAN...
- sustain focus, recall past approaches & persevere when troubleshooting
- work as a member of a team & produce basic business documents
- install and configure an operating system and software
- read technical manuals and apply my interpretation to real world problems

I HAVE...
- completed Year 10 (ROSA) (recommended)
- Certificate III Information, Digital Media & Technology (recommended)
- mathematical skills (including equations, division, percentages, sequences) as a basis for programming logic (recommended)

I WILL...
- keep my knowledge and technical skills current with rapidly changing technology
- work ethically, respect copyright & privacy laws

I CHOOSE...
- CERTIFICATE IV

BECAUSE:
- to learn general, transferable IT skills for use in my work or further study
- to enter a growth industry that crosses different sectors
- to start at an entry level to develop a career in IT
- to learn how to install and configure operating systems and software
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- to communicate with others & produce a written document
- to operate a computer (including saving files and emailing)
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DIPLOMA
I WANT...
- to be involved in the development of commercial software solutions
- to progress in a fast-paced, dynamic industry
- to solve people’s business problems by developing commercial software
- to apply the product development lifecycle to meet diverse customer needs

I CAN...
- be resilient when trying alternatives to debug challenging problems
- communicate my ideas effectively & produce technical documentation
- analyse, design, build & test software using several programming languages
- research and apply logic to solve complex problems

I HAVE...
- Certificate IV Programming or equivalent skills (recommended)
- experience with JavaScript and C# (recommended)

I WILL...
- keep my knowledge and technical skills current with rapidly changing technology
- work ethically, respect copyright & privacy laws

I CHOOSE...
- DIPLOMA

BECAUSE:
- to learn general, transferable IT skills for use in my work or further study
- to enter a growth industry that crosses different sectors
- to start at an entry level to develop a career in IT
- to learn how to install and configure operating systems and software
- to persist when I encounter a problem until I find a resolution
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Visit www.tafensw.edu.au or call 131 601
If you have any feedback about this TRIAL document please contact CXteam@tafensw.edu.au