



COURSE CODE

ICT40515

COURSE

## Certificate IV in Programming

**ENROL TODAY**

**TAFENSW.EDU.AU or 131 601**

### WHY CHOOSE TAFE NSW?



**Opens career doors.** Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



**Global prospects.** TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



**State-of-the-art facilities.** Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



**Industry exposure.** TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



**Recognised and respected.** TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

# Certificate IV in Programming

National Course Code: ICT40515 | TAFE NSW Code: ICT40515R1-01V01-19INV-062

Qualification Level	Certificate IV
Study Type	Blended
Course Start Date	Enquire Now
Hours Per Week	10
Duration	18 Months
Delivery Locations	Bourke Connected Learning Centre
Course Fees	<b>Subsidised Prices</b> First Qualification: \$1,980.00 Second Qualification: \$2,310.00 Concession: \$240.00 <b>Non-subsidised Prices</b> Full Fee: \$9,540.00
Course Features	Nationally Recognised Training This training is subsidised by the NSW Government

## Course Description

This qualification provides the skills and knowledge for an individual to develop basic programming skills in the most commonly used programming languages.

An individual with this qualification could work as an assistant programmer in a team of software developers, or as a support programmer to senior programmers or systems analysts.

Licensing/Regulatory Information No licensing, legislative or certification requirements apply to this qualification at the time of publication.

## Entry Requirements

When you study with TAFE NSW, we want you to succeed. Entry requirements allow us to make sure that you have the right pre-existing knowledge and skills to achieve your chosen qualification. You will need to provide evidence that you meet the requirements listed in this section

There are no entry requirements for this qualification

### ADDITIONAL REQUIREMENTS

With 130 locations across the state, TAFE NSW tailors qualifications to meet the needs of the local community and specific student groups (like apprentices, fast-tracked and online students). To make sure this course is the right fit for you, we may need you to demonstrate that you can meet any additional requirements. If this section is empty, there are no additional requirements for this course.

## Information Sessions and more about the course

It's all happening at TAFE NSW InfoFest. Register for an information session, head to

[www.tafensw.edu.au/infofest](http://www.tafensw.edu.au/infofest). Can't attend the Information Session? [Enquire Online](#) or call 131601 Start Now. Part time, 10 hours/week of supported study in your own time. Your teacher will develop your individual training plan to meet your needs. You will study with online resources and support from our qualified teachers.

The course is for people who want to acquire programming skills and knowledge to be competent in designing, creating and coding in a variety of common computer languages. You will also learn to code robots and Internet of Things devices. Computer skills to Certificate II/III level are recommended for those wishing to undertake this qualification.

To complete this course within the given timeframe all learners will be required to work through a pre-planned schedule. Your teacher will provide you with a training plan/timetable on the first day of class. Studying at a TAFE NSW Connected Learning Centre means that you don't have to leave your local community to get a first rate education and access elite training, teachers and support services. Connected Learning Centres are custom designed to utilise modern technologies, simulations and virtual reality experiences to offer you a wider range of choices, more accessible, practical training and flexible learning opportunities. Students can access work booths, group learning rooms, a computer hub, print shop, tech-bar, media lounge, and learning support centre and a creative space to work on ideas for the future.

Our Connected Learning Centres will equip you with the skills you need for the jobs you want - in regional NSW, or anywhere in the world. If you would like to explore your local Connected Learning Centre, please visit [www.tafensw.edu.au/clc](http://www.tafensw.edu.au/clc)

We offer student services and study support to ensure you can achieve your goals. Learn about TAFE NSW [Student Services](#)

As a TAFE NSW student in this course, you will have access to:

- LinkedIn Learning (formerly Lynda.com)
- Studiosity - online access to a real life tutor
- Easy computing online short courses
- Access to local TAFE libraries

## Attendance

Attendance is at TAFE NSW Bourke, Connected Learning Centre, 48 Oxley Street.

## Fee Details

### SMART AND SKILLED FEES

This course is government-subsidised, meaning you pay a portion of the full course fee to TAFE NSW and the NSW Government will pay the balance. However, you must meet certain eligibility criteria for this to apply.

Depending on your previous qualifications and experience, your fee may be less than the maximum fee quoted. Your actual fee and eligibility for concession/exemption will be calculated and confirmed during the enrolment process. Payment plans are available through TAFE NSW for Smart and Skilled eligible qualifications.

For further information about eligibility and explanations of the different fee categories, visit [Are You Eligible?](#)

### READ BEFORE YOU ENROL

Learn about TAFE NSW [Fees](#)

Learn about TAFE NSW [Payment/Funding](#)

### RECOGNITION

Recognition is a process of acknowledging previously completed qualifications, skills, knowledge or

experience relevant to your course. This may reduce the amount of learning required, reduce your course fees and allow you to achieve your qualification faster.

Learn about Recognition at TAFE NSW [Recognition](#)

## How to Enrol

Enrolments will open from 4 November 2019 for our February 2020 intake.

To find out more information on this course including the next start date, submit an online enquiry by clicking the **Enquire Now** button on this page, or call 131 601 during business hours\* to chat with a member of our friendly customer service team.

\*Our customer service team are available from Monday to Friday, 9am to 5pm AEST.

Enrolling with us is easy, though the exact process does depend on your course and any prerequisites that go with it.

Be sure to read your chosen course information carefully to make sure it is the right qualification, location and study type for you.

Enrol and pay online via our secure payment gateway to secure your place.

As you progress through the enrolment process you will be prompted to provide additional information.

If you are interested in studying as a Trainee or Apprentice please call 131 601 for full details.

## Units

ICTICT418	Contribute to copyright, ethics and privacy in an ICT environment
ICTPRG402	Apply query language
ICTPRG403	Develop data-driven applications
ICTPRG404	Test applications
ICTPRG405	Automate processes
ICTPRG406	Apply introductory object-oriented language skills
ICTPRG410	Build a user interface
ICTPRG414	Apply introductory programming skills in another language
ICTPRG415	Apply skills in object-oriented design
ICTPRG419	Analyse software requirements
BSBCRT401	Articulate, present and debate ideas
BSBWHS304	Participate effectively in WHS communication and consultation processes
ICTDBS403	Create basic databases
ICTICT404	Use online learning tools
ICTICT408	Create technical documentation
ICTICT417	Identify, evaluate and apply current industry-specific technologies to meet industry standards
ICTICT420	Develop client user interface
ICTPMG401	Support small scale ICT projects
ICTPRG401	Maintain open-source code programs
ICTPRG407	Write script for software applications
ICTPRG409	Develop mobile applications

ICTPRG412	Configure and maintain databases
ICTPRG413	Use a library or pre-existing components
ICTPRG418	Apply intermediate programming skills in another language
ICTPRG427	Use XML effectively
ICTPRG428	Use regular expressions in programming languages
ICTPRG527	Apply intermediate object-oriented language skills
ICTSAD401	Develop and present feasibility reports
ICTSAD501	Model data objects
ICTSAD502	Model data processes