

COURSE CODE

ICT40518

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: ICT40518 | TAFE NSW Code: ICT40518-01V01-20HNB-141

Qualification Level	Certificate IV
Study Type	Full Time
Course Start Date	Enquire Now
Hours Per Week	18
Duration	18 Weeks
Delivery Locations	Hornsby
Course Fees	<p>Subsidised Prices First Qualification: \$1,980.00 Subsequent Qualification: \$2,310.00 Concession: \$240.00</p> <p>Non-subsidised Prices Full Fee: \$9,540.00</p>
Course Features	Nationally Recognised Training This training is subsidised by the NSW Government

Course Description

The nationally accredited Certificate IV in Programming gives you the skills you need to launch your career as a software and applications programmer. Develop a range of programming skills and become an integral part of the global digital revolution.

Be supported Visit our Scholarships page to discover if you are eligible to apply for a Jobs of Tomorrow scholarship.

LEARN NEW SKILLS

Through theory and practical course work, learn to:

- Use query language to work with databases
- Develop web based mobile applications
- Apply object-oriented design and language skills
- Write and maintain program code
- Test, debug, diagnose and correct errors and faults in applications
- Address cyber security requirements
- Contribute to copyright, ethics and privacy in an ICT environment

DEVELOP YOUR TALENT

Develop the personal skills and attributes that will help you get ahead:

- Effective communication
- Collaboration skills
- Problem solving and critical thinking

ACHIEVE YOUR GOALS

Completing this course will provide you with:

- A nationally recognised qualification at Certificate IV level

Career opportunities:

- Programmer
- Software developer
- ICT developer
- Applications developer

GROW YOUR CAREER

Take your career to the next level:

- Diploma of Information Technology
- Diploma of Information Technology Networking
- Bachelor of Information Technology (Data Infrastructure Engineering) with TAFE NSW Degrees
- Bachelor of Information Technology (Network Security) with TAFE NSW Degrees

INDUSTRY DEMAND

The global digital revolution is here and tech jobs are the third-fastest growing segment in the country.

Forecasts expect 143,000 more tech workers will be needed by 2024 across all industries, including the ICT industry itself.

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.

TRAINING PACKAGE REQUIREMENTS

There are no Training Package entry requirements for this qualification.

TAFE NSW REQUIREMENTS

There are no TAFE NSW entry requirements for this qualification.

LICENSING REQUIREMENTS

No licensing, legislative or certification requirements apply to this qualification.

BE PREPARED

To be prepared for this course, it is recommended that you:

- Are experienced working with computers
- Have confidence working with different software programs
- Hold the Certificate III in Information, Digital Media and Technology this is not necessary but can be an advantage

If you need help preparing for study, contact us about your options.

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 will need you to demonstrate that you can meet the additional requirements below.

To be enrolled in this course, you need to be able to provide evidence that you are:

- very good knowledge of software applications such as Word Processing and Spreadsheets
- very good communication skills.
- familiarity with business functions including some understanding of Programming.
- above-average typing skills.

To successfully complete this course, you will need:

- completion of Certificate III in Informaiton, Digital Media & Tecnolgy course or equivalent.

Information Sessions and more about the course

INFORMATION SESSION

To find out more about this course, meet our teachers and receive information about enrolment and next steps, attend an information session.

STUDY COMMITMENT

This is a full time face to face course. You will need to attend approximately 20 hours of class, over 3 to 4 days a week, for 18 weeks. As well as the in-class component, you will need to complete approximately 11 hours of other study per week.

You may also be required to complete approximately 4 hours of additional study each week outside of class hours, including independent study, research, practice and assignments preparation, Lynda.Com videos, reading books, attending tutorial sessions.

IS THIS COURSE RIGHT FOR YOU?

This course offering is designed for people who:

- looking for acquiring knowledge and skills in Programming, Database & SQL, and System Analysis & Design using OO UML which will prepare you for going into Software Development Diploma to become a Software Developer.

SERVICES AND STUDY SUPPORT

There are additional learning and study tools available for this course, including:

- weekly Tutorial Support classes available for those who would need additional help.

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
- Accessibility and Disability Support Services
- Access to Read&Write learning support software at TAFE and at home

Attendance

To keep you safe while studying, some of our face to face classes may be replaced with online or connected learning. We have also modified our face to face classes to meet physical distancing requirements and increased cleaning on campus. As restrictions ease, the way you attend your class may change again. If work placement and the demonstration of practical skills are requirements of your course, due to the impacts of COVID 19 there may be a delay or modification in being able to undertake these aspects of your course in the planned timeframe. Be assured, we'll keep you informed every step of the way.

This course is currently scheduled on Monday, Wednesday, Thursday from 09:00am to 05:30pm and Friday 09:00am to 01:00pm. This timetable may change and will be confirmed by your teacher.

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](#)

Incidental Cost

- Student Association - \$20.00

How to Enrol

Enquire now for Semester 2 2020 and be notified when enrolments open.

TAFE NSW is open for business so to find out more information on this course including when it will start and how it will be delivered (face-to-face, in a virtual classroom, self-paced, online or a mixture), submit an online enquiry by clicking the Enquire Now button on this page. You can also 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.**

Units

ICTPRG402	Apply query language
ICTPRG405	Automate processes
ICTPRG404	Test applications
ICTPRG410	Build a user interface
ICTPRG430	Apply introductory object-oriented language skills
ICTPRG414	Apply introductory programming skills in another language
ICTPRG403	Develop data-driven applications
ICTICT418	Contribute to copyright, ethics and privacy in an ICT environment
ICTPRG415	Apply skills in object-oriented design
ICTPRG419	Analyse software requirements
ICTDBS403	Create basic databases
ICTICT420	Develop client user interface
ICTWEB431	Create and style simple markup language documents
ICTSAD501	Model data objects
ICTPRG409	Develop mobile applications
ICTPRG407	Write script for software applications
ICTPRG427	Use XML effectively
ICTPRG413	Use a library or pre-existing components