



Certificate IV in Programming

State ID: BEH5

About this course

Join the top priority IT industry and take on a crucial role in IT programming

Study this course and you'll gain skills in **basic and intermediate programming** by using at least **two different programming languages**.

Programming is a crucial part of IT and is constantly innovating and evolving. Completing our Certificate IV in Programming will open the door into this in-demand industry.

The experience you will gain in C#, Java, JavaScript, SQL, and ASP will give you the competitive edge to advance your career and further study options. You'll delve into websites, scripting and database design as well as be exposed to advanced programming skills for mobile applications and games development.

Gain these skills

- Object oriented design
- Graphical user interface development
- Knowledge of software libraries
- Writing technical documentation

Is this course right for me?

I have the following attributes:

- Able to think logically and analytically in a problem-solving environment
- Good process management skills
- Imaginative and good at creative reasoning
- Willing to keep up with industry trends and technological changes

Details

Semester 1, 2020

Perth (Northbridge) - On Campus

 Duration: **2 Semester/s**

 When: **Semester 1, 2020**

 How: **Online**

Units

Core

| National ID | Unit Title |
|-------------|---|
| 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 |
| ICTPRG410 | Build a user interface |
| ICTPRG413 | Use a library or pre-existing components |
| ICTPRG414 | Apply introductory programming skills in another language |
| ICTPRG419 | Analyse software requirements |
| ICTPRG430 | Apply introductory object-oriented language skills |

Elective

| National ID | Unit Title |
|-------------|------------------------------------|
| ICTICT408 | Create technical documentation |
| ICTICT420 | Develop client user interface |
| ICTPRG401 | Maintain open-source code programs |
| ICTPRG409 | Develop mobile applications |

| National ID | Unit Title |
|-------------|--|
| ICTPRG415 | Apply skills in object-oriented design |
| ICTSAS414 | Evaluate system status |
| ICTWEB409 | Develop cascading style sheets |
| ICTWEB429 | Create a markup language document to specification |

Entrance requirements

| School Leaver | Non-School Leaver | AQF |
|--|---|-----------------------------------|
| C Grades in Year 11 WACE General English, and OLNA; or NAPLAN 9 Band 8 | C Grades in Year 11 English and Maths or equivalent | Certificate II or Certificate III |

Further study

Enhance your skills in this area with the following study options.

Job opportunities



[Software Tester](#)

Other job titles may include:

- Assistant Programmer (in a team of software developers)
- Support Programmer (to senior programmers or systems analysts)
- Analyst
- Programmer
- IT Admin

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

Fees and charges

View our [Indicative Fees list](#)

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

Please note, fees are subject to change.