



ICT50715 Diploma of Software Development

National ID: ICT50715 | State ID: AWE6

About this course

Step into a software development career!

Go beyond programming and take a step towards a lasting career in software development. Gain advanced knowledge and valuable experience in an industry-standard learning environment with the latest technology.

Gain these skills:

- **develop** advanced **apps**
- gain advanced knowledge of **Java, Python** and **C#**
- **data modelling**
- **web programming**, and **testing** and **debugging**

Completion of the Diploma of Software Development opens up a range of further study options and it may produce advanced standing towards a university degree.

The **Centre for IT Excellence** (CITE) provides state of the art, industry relevant training in **information technology, creative media** and **electronics**. We provide pathways from foundation studies to advanced diploma with specialist training in cyber security, systems and programming.

Fast Track: Students who meet the entrance requirements for the Diploma, but who may need to build lower level

skills, may complete the Certificate IV foundation skill set. This skill set consists of only the essential units from the Certificate IV, done over one term, which then leads into a three term Diploma. Ask us about this exciting option.

See our IT Training Facebook page!

[@ITtrainingSMTAFE](#)

This course will transfer to a new study package ICT50718 prior to Semester 1, 2020.

Delivery location plans for Semester 1, 2020:

This course will transfer to a new study package ICT50718 prior to Semester 1, 2020.

You can [apply now](#) - be sure to enter the national course code ICT50718 and state code BEG8 in your online application, along with Murdoch, Rockingham or Thornlie as your campus of choice.

Overview

Semester 1, 2019

Murdoch Campus - Full Time-Classroom



Duration: **12 Months**



When: **Semester 1, 2019**



How: **Full Time**

Units

Core

| National ID | Unit Title |
|-------------|---|
| ICTICT418 | Contribute to copyright, ethics and privacy in an ICT environment |
| ICTPRG418 | Apply intermediate programming skills in another language |
| ICTPRG501 | Apply advanced object-oriented language skills |

| National ID | Unit Title |
|-------------|---|
| ICTPRG502 | Manage a project using software management tools |
| ICTPRG503 | Debug and monitor applications |
| ICTPRG504 | Deploy an application to a production environment |
| ICTPRG520 | Validate an application design against specifications |
| ICTPRG523 | Apply advanced programming skills in another language |
| ICTPRG527 | Apply intermediate object-oriented language skills |
| ICTPRG529 | Apply testing techniques for software development |

Elective

| National ID | Unit Title |
|-------------|--|
| ICTICT403 | Apply software development methodologies |
| ICTICT509 | Gather data to identify business requirements |
| ICTICT511 | Match ICT needs with the strategic direction of the enterprise |
| ICTPRG601 | Develop advanced mobile multi-touch applications |
| ICTWEB501 | Build a dynamic website |
| ICTWEB502 | Create dynamic web pages |

Entrance requirements

| School Leaver | Non-School Leaver | AQF |
|---|---|-----------------|
| Completion of WACE General or ATAR (Minimum C Grades) or equivalent | Completion of WACE General or ATAR or equivalent (minimum C Grades) | Certificate III |

Study pathway

 [Diploma of Software Development](#)

Job opportunities

 [Assistant Software Developer](#)

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

SM TAFE actively promotes the employment availability of course graduates to key industry partners and organisations. We also seek expressions of interest from organisations for the placement of our students into work experience. We endeavour to assist students into a career pathway, but please be aware that neither employment nor work experience placement is guaranteed by us.

To access free career planning and job search assistance, visit the [Jobs and Skills Centres](#) page.

Fees and charges

Indicative fees and charges

[2019 general admission fees list](#)

[2019 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students
- Based on unit electives designed to meet localised industry demand for skills
- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.

Please note, fees are subject to change.