

## Information & Digital Technology

### Industry Curriculum Framework



#### Why study Information and Digital Technology (IDT)?

IT offers training opportunities to students who are interested in designing web pages, software and games, creating programs, systems and databases, networking computers and finding solutions to technical and software problems.

#### Working in the information technology industry involves:

- designing web pages
- networking computers
- supporting computer users
- communicating with clients
- finding solutions to software problems

#### Samples of occupations students can aim for in the information technology industry:

- ✓ desktop publisher
- ✓ help desk officer
- ✓ internet specialist
- ✓ multimedia developer
- ✓ network administrator
- ✓ service technician
- ✓ software developer
- ✓ technical support officer
- ✓ web designer

**Depending on competencies chosen, full or part qualifications from the Information and Communication Technology Training Package (ICA11) are available in general information technology, applications, media and web technologies. Your teacher or VET Coordinator will advise the competencies and qualifications that may be available.**

The qualifications available through the Information Technology Curriculum Framework are:

- Statement of attainment in partial completion of Certificate III in Information, Digital Media and Technology (ICA30111)
- Certificate III in Information, Digital Media and Technology (ICA30111)

For more information on possible outcomes please refer to the Information Technology Curriculum Framework syllabus that can be found by visiting the VET Curriculum Frameworks page of the Board of Studies NSW website: [http://www.boardofstudies.nsw.edu.au/syllabus\\_hsc/information-digital-technology.html](http://www.boardofstudies.nsw.edu.au/syllabus_hsc/information-digital-technology.html)

# Information Technology

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### Course description

This course is based on units of competency, which have been developed by the information technology industry to describe the competencies, skills and knowledge required by workers in the industry.

<b>Mandatory</b>
BSBOHS302B - Participate effectively in OHS communication and consultative processes
ICAICT202A - Work and communicate effectively in an IT environment
ICAICT302A - Install and optimise operating system software
ICASAS301A - Run standard diagnostic tests
<b>Web and Software Applications Stream</b>
ICAICT203A - Operate application software packages
ICAICT308A - Use advanced features of computer applications
ICAWEB302A - Build simple websites using commercial programs
<b>Networking and Hardware Stream</b>
ICAICT303A - Connect internal hardware components –
ICASAS305A - Provide IT advice to clients
ICASAS307A - Install, configure and secure a small office home office network
<b>Digital Animation Stream</b>
CUFANM301A - Create 2D digital animations
ICAGAM303A - Review and apply the principles of animation

Work placement is a mandatory HSC requirement within this Framework - 70 hours for a 2 year course.

### Recognition of Prior Learning

If you have already completed all or part of a similar vocational course elsewhere, such as at TAFE, your previous studies and results will be recognised. You will not have to repeat that training and assessment. Additionally if through previous work or life experiences you have already developed high level skills in this course area, these may also be able to be recognised. Your teacher or VET Coordinator can provide more details of the recognition process.

School-based traineeships are available in this industry area, for more information:

<http://www.sbatinnsw.info/>