

Information Technology

Industry Curriculum Framework

(Refer also to Introductory Notes: HSC VET Industry Curriculum Framework Courses)

Why study Information Technology (IT)?

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



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.

Students concentrate on developing a range of fundamental skills required to prepare them to work effectively in an environment where information technology is used. These include oral and written communication skills, teamwork skills, efficient use of a range of software application packages, essential computer hardware management and occupational health and safety competencies.

A school-based traineeship is available in this course, for more information:

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

Information Technology

Industry Curriculum Framework

Depending on competencies chosen, full or part qualifications from the Information and Communication Technology Training Package (ICA05) are available in general information technology; software applications; and network administration. 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:

- Certificate II in Information Technology ICA20105
- Certificate III in Information Technology ICA30105
- Transcript of Academic Record in Certificate II in Information Technology ICA20105
- Transcript of Academic Record in Certificate III in Information Technology ICA30105

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/voc_ed/industry-curriculum-frameworks.html

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.