
SUBJECT: ICA20105 INFORMATION TECHNOLOGY SYSTEMS

STATUS: Authority Subject **CODE:** ITS
EMBEDDED QUALIFICATION: ICA20105 Certificate II in Information Technology
COST: TBA

COURSE OVERVIEW:

Information Technology Systems seeks to prepare students to meet the rapid change of technology in society and the workforce. It provides students with the opportunity to develop skills for related areas of employment and study. A Certificate II in Information Technology is embedded in the course providing students with an entry level nationally recognised qualification for those pursuing work or a career in this area.

In their studies, students will design, develop and evaluate technology products both individually and in groups. A range of industry standard software packages will be used throughout the course.

The syllabus is one of a number of Board syllabuses which explicitly combine general and vocational education components. In Information Technology Systems, students are provided with the opportunity to gain vocational competencies at AQF Level 2 which contribute towards Certificate II in Information Technology.

COURSE STRUCTURE:



Information Technology Systems is delivered to students in two contexts: Game Design and Multimedia.

The following topics are studies:

- Digital Imaging
- 2D Animation
- Hardware/Software Advice
- Website Development I & II
- Multimedia Authoring I & II

Every unit is studied and assessed through scenario based projects that reflect the IT industry.

This course involves practical tasks as well as comprehensive written tasks. Students are expected to document all products designed and developed through an extensive report process.

Embedded Qualification:

- Certificate II in Information Technology Systems (see following page).

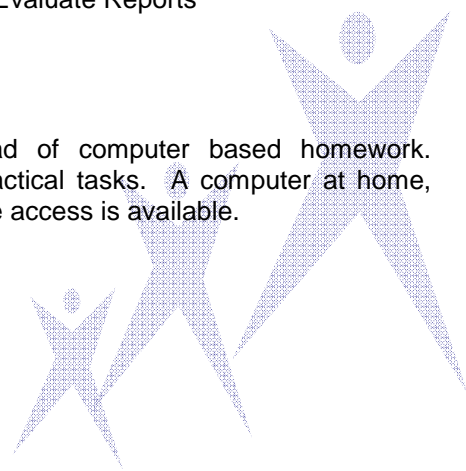
ASSESSMENT TECHNIQUES:

Students assessment will be in the form of:

- Individual and Group Projects
- Writing Tasks including Design, Develop, Evaluate Reports
- Practical Exercises
- Written Exams

SPECIAL REQUIREMENTS:

ITS has a demanding and constant workload of computer based homework. Homework will take the form of written and practical tasks. A computer at home, while useful, is not necessary as out of class time access is available.



ICA20105 CERTIFICATE II IN INFORMATION TECHNOLOGY

(embedded in ITS)

STATUS: Vocational Education & Training

QUALIFICATION: ICA20105 – Certificate II in Information Technology

COST: The cost for this certificate is included in the ITS subject charge.

COURSE OVERVIEW: <http://www.ntis.gov.au>
Please refer to the NTIS website for specific information about the qualification.

The Certificate II is embedded in the Year 11 and 12 Information Technology Systems course. This qualification provides the foundation ICT skills and knowledge for an individual to be an effective ICT user or employee. The qualification has a fundamental ICT knowledge and skills base which is pivotal for all other qualifications in the ICT field.

COURSE STRUCTURE:



To attain a Certificate II in Information Technology, 14 units must be achieved:

- 8 industry core units
- 6 industry elective units

8 INDUSTRY CORE UNITS

- BSBCM106B Follow workplace safety procedures
- ICAD2012B Design organisational documents using computing packages
- ICAU2005B Operate computer hardware
- ICAU2006B Operate computing packages
- ICAU2013B Integrate commercial computing packages
- ICAU2231B Use computer operating system
- ICAW2001B Work effectively in an IT environment
- ICAW2002B Communicate in the workplace

6 ELECTIVE UNITS

- ICAU3019B Migrate to new technology
- ICAD3218B Create user documentation
- ICAU3028B Customise packaged software applications for clients
- ICAU3126B Use advanced features of computer applications
- ICTCC330B Manage customer relationships
- ICAD3018B Develop macros and templates for clients using standard products

ASSESSMENT TECHNIQUES:

The emphasis in this subject is on completing tasks in a competent manner. Assessment will be delivered using a variety of techniques:

- Projects
- Computing Tasks
- Written and Practical Activities
- Teacher Observation
- Folio of Collected Evidence of Competency

Students must achieve competency at every task in order to be issued with a full certificate at the completion of this course.

SPECIAL REQUIREMENTS:

Nil

CAREER OPPORTUNITIES & PATHWAYS

Articulation into:

ICA30105 Certificate III in Information Technology

ICA40105 Certificate IV in Information Technology

Other specific financial qualifications available at <http://www.ntis.gov.au>

Employment outcomes are limited and individuals are strongly advised that in order to meet the entry-level requirements of this industry, the Certificate III in Information Technology should be undertaken.

Disclaimer:

"The school must have certain teachers and equipment to run this course. If the school loses access to these resources, the school will attempt to provide students with alternative opportunities to complete the course and the related qualifications. The school retains the right to cancel the vocational component of the course if it is unable to meet requirements."