



# Course Outline

## EDGDS6106 INFORMATION TECHNOLOGY CURRICULUM 2

**Title:** INFORMATION TECHNOLOGY CURRICULUM 2

**Code:** EDGDS6106

**Formerly:** TD702

**School / Division:** School of Education

**Level:** Advanced

**Pre-requisites:** (EDGDS6005 or TD700)

**Co-requisites:** Nil

**Exclusions:** (TD702)

**Progress Units:** 10

**ASCED Code:** 070301

### Objectives:

After successfully completing this course, students should be able to:

#### Knowledge:

- become well informed teachers - capable of entering, with understanding, school practices in Technology Curriculum Years 7-12;
- develop a thorough understanding of contemporary curriculum guidelines and policy documents
- demonstrate a working knowledge of the VCE Technology Study Design Units 3 & 4 and ICT as it exists within the interdisciplinary strand of VELS.

#### Skills:

- become competent, professional teachers, working to ensure positive learning outcomes for students;
- encourage students to utilise information technology in a range of settings;
- implement a range of teaching approaches deriving from emerging technologies;
- plan information technology lessons for students working at Middle Years and Post Compulsory levels;
- contribute to the development of information technology planning in schools;

#### Values:

- develop a clear understanding of the role technology plays in everyday life;
- build on understandings of the ethical use of ICT within the school setting

### Content:

Topics may include:



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- The Information Technology revolution and its impact on learning and teaching.
- The importance of Information Technology across secondary school curriculum.
- Ethical practice with Information Technology
- Issues associated with the implementation of Information Technology in the curriculum.
- Selecting applications for use in Information Technology classrooms.
- Designing and implementing solutions to information problems.
- Uses of Information Technology in a range of contemporary social, economic and political settings.
- Developing effective classroom environments to support the effective teaching and learning of Information Technology for all students.
- Workshop series to enable skill acquisition across a range of contemporary Information Technology applications
- Approaches to curriculum development for information technologies from other school systems.

### Learning Tasks & Assessment:

Learning Task	Assessment	Weighting
Integrated program for Year 7	Synthesis of University and School based learning to produce an integrated Program for Year 7, this program will be designed as a web site or interactive program, for teacher and student use, to cover the first 4-5 weeks of Term 1 for Year 7 students just entering high school.	40-60%
A critical evaluation of information technology support resources used in learning.	The critical evaluation is to be developed as a web site, interactive multimedia presentation or in another appropriate digital format, and should be the equivalent of 1200 – 1500 words in length.	20-40%
Technology lesson delivered individually or in small groups. Students will explore an aspect of Technology teaching.	The presentation will involve some theoretical analysis, practical demonstration and participatory activities relevant to the topic.  A description of the process and a personal reflective analysis submitted following the presentation.	20-40%



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## Adopted Reference Style:

APA