



## Year 12 Information and Communications Technology Course Statement

### Introduction

Welcome to Year 12 ICT. This course in ICT builds on your knowledge gained in Year 7 - 11 ICT and leads on to Year 13 ICT. The course covers advanced multimedia techniques, computer programming, and societal issues related to ICT. The course is practically based with one major project that is divided into two parts.

The project is to create a multimedia solution to address an issue that you identify. The multimedia solution may be such things as a CDROM created using Flash, or a Flash movie to go on a website, or an interactive game or tutorial written in ActionScript. At year 12 you need to identify your own issue so you can choose any issue that interests you where a multimedia solution is possible.

### Course Outline

There is one main unit of work as described above. However within this one unit there are a number of parts and a wide range of skills involved. The details are set out in the following table:

Term	Topic
One	Learn the skills and knowledge required to produce high quality multimedia solutions. This will involve use of multimedia authoring software to produce CDROMs, computer programming using Actionscript, and working with audio, video, and images.
Two	Develop and model a conceptual design for a multimedia solution to an issue you identify.
Three	Develop and implement the multimedia solution to the issue you identified using a range of skills learnt during the year.
Four	Completing the implementation and evaluation of the multimedia solution. Complete resubmissions for internally assessed standards and prepare the portfolio for external assessment.

## Assessment Overview

The course will be assessed using level two standards. There are four achievement standards and one unit standard. The standards you will be assessed against are:

Title	Registration number	Number of credits	Internal or External
Demonstrate an understanding of digitising sound for multimedia computer applications (US)	5960v5	3	Internal
Develop and model a conceptual design in information and communications technology (AS 2.1)	90342v2	6	Internal
Develop and implement a one-off solution in information and communications technology (AS 2.2)	90349v2	6	Internal
Examine technological knowledge in information and communication technology practice (AS 2.6)	90367v2	4	External
Demonstrate skills in information and communication technology (AS 2.7)	90368v2	4	Internal

## Assessment Procedures

There are no exams in this subject. The evidence required for all standards will be a combination of the technological outcome presented on CD, and evidence of practice presented as a portfolio (either on a CD or on paper or a combination).

The one externally assessed standard will be assessed by a portfolio (either on a CD or on paper or a combination) of work sent to an external marker.

For each internally assessed standard there will be one formal assessment plus one further resubmission opportunity. In addition there will be ongoing interaction between the teacher and the student to gather assessment information.

Students will be required to sign an authenticity sheet for all assessments to verify the work is your own.

For further information about assessment procedures students are referred to the Katikati College "Internal Assessment Procedures - Student Information" sheet.

## **Technology Beacon Practice Project**

Katikati College has been selected to be part of the Ministry of Education funded Technology Beacon Practice Project. This is recognition of the past results Katikati College has achieved in ICT and is an exciting opportunity to further develop our courses with outside expert help. Being part of this project does mean things are liable to change throughout the year.