

KINGSCLIFF HIGH SCHOOL

Subject Selection Information

Faculty:

Industrial Arts & Computing Studies

Subject: **Information & Software
Technology**

Nature of the Course

The Information and Software Technology course provides a range of practical activities to build knowledge and understanding of a range of computer software and hardware.

Students study a range of option modules including:

- authoring and multimedia
- software development and programming
- artificial intelligence
- robotics and automated systems.

Students design, produce, test, document, implement and evaluate information and software technology-based solutions.

Nature of the Course

The 100Hr course includes:



The 200Hr course includes:

Assessment Structure

100Hr Course

2 x Design Projects and Design Folios
Research Assignment
Yearly Exam

200Hr Course

2 x Design Projects and Design Folios
Research Assignment
Yearly Exam

Elective fees for the Course:

100Hr Course - \$40 (one year)
200Hr Course - \$80 (two years)

Students who choose this subject are expected to pay the subject contribution fee to cover resource expenses.

Skills Required for this subject and/or any Prerequisites:

- Students may study up to **two** Industrial Technology subjects that contribute to the award of their Record of School Achievement (RoSA).

Career Opportunities

This course caters for students who wish to undertake further study in Industrial Technology – Multimedia or Software Design and Development in Stage 6. It is also suited to students wishing to pursue further training through university, TAFE and private institutions.

Career Opportunities

- Software Application Developer
- Software Programming
- Computer Network Architect