Course Description

Information Processes and Technology is the study of information-based systems. It focuses on information processes performed by these systems and the information technology that allows them to take place. Social, ethical and non-computer procedures resulting from the processes are considered. Different types of information systems are studied. Through project work, students will create their own information system to meet an identified need.

Main Topics Covered

Preliminary
Introduction to Information Skills and Systems (20%)
Tools for Information Processes (50%)
Developing Information Systems (30%)

HSC Course
Project Management (20%)
Information Systems and Databases (20%)
Communication Systems (20%)
Option Strands (40%) – TWO of the following options must be studied:
- Transaction Processing Systems;
- Decision Support Systems;
- Automated Manufacturing Systems;
- Multimedia Systems.

Particular Course Requirements

There is no prerequisite study for the 2 unit Preliminary course. Completion of the 2 unit Preliminary course is a prerequisite to the study of the 2 unit HSC course. The percentage values in each course refer to indicative course time. A minimum of 40% course time is to be devoted to the integration of content into project work in both Preliminary and HSC courses. It is also expected that a significant proportion of time be devoted to integrated practical activities.

Faculty: Computing

BOS Course No: 15210

2 units for each of Preliminary and HSC Board Developed Course.

Exclusions: Computing Applications CEC

For more information: www.boardofstudies.nsw.edu.au