

## 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

