

# Curriculum Outline

## 1. Curriculum Aims

The senior secondary ICT curriculum aims to

- provide students with a body of essential knowledge, concepts and applications of
- information, communication and computer systems;
- equip students with problem-solving and communication skills, and encourage them to think critically and creatively;
- develop students into competent, effective, discriminating, ethical and confident users of ICT, so as to support their lifelong learning; and
- provide students with opportunities to appreciate the impact of ICT on our knowledge-based society, so as to nurture in them positive values and attitudes towards this area.

## 2. Learning Targets

During the three-year senior secondary ICT curriculum, students work towards the following learning targets in the categories of “Knowledge and Understanding”, “Skills” and “Values and Attitudes”.

### **Knowledge and Understanding**

- Develop knowledge and understanding of the range and organisation of computer systems, and the interrelationships between hardware, software and data; and
- Realise the social, ethical and legal issues pertaining to the use of ICT.

### **Skills**

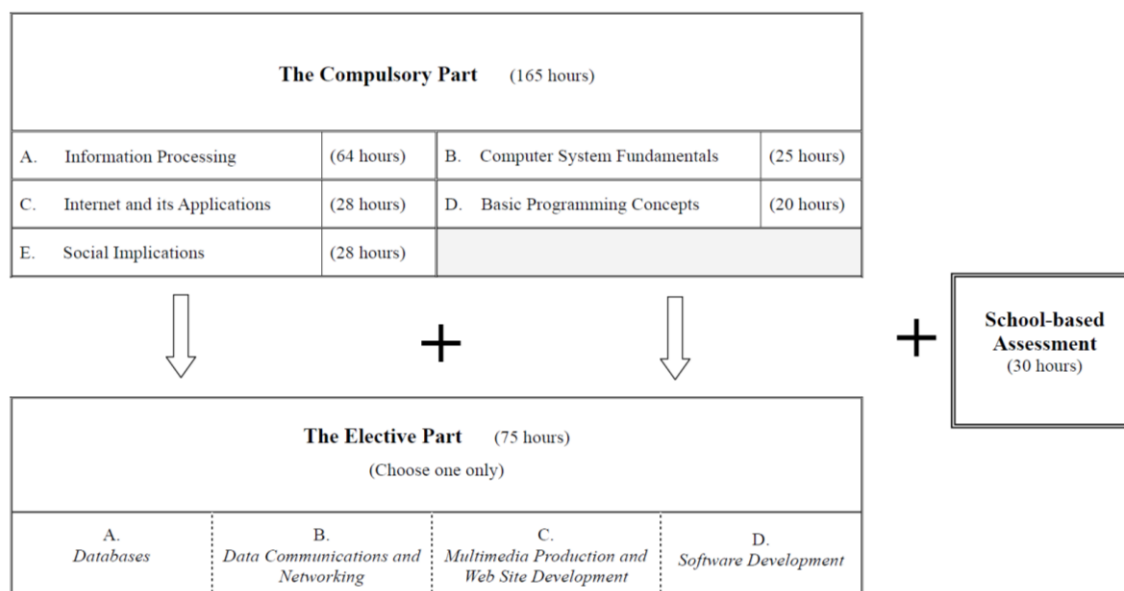
- Use a range of applications software effectively, ethically and with discrimination to support information processing and problem-solving; and
- Demonstrate an understanding of methods for analysing problems, and planning and implementing solutions using ICT.

### **Values and Attitudes**

- Appreciate how information literacy and the sharing of knowledge using ICT influence decision-making and shape our society; and
- Develop responsible and positive attitudes towards the use of ICT.

### 3. Curriculum Structure and Organisation

The curriculum is organised into a Compulsory Part and an Elective Part, as shown below:



\* *Due to limited resources, our school only provides Module D (i.e. Software Development) for subject selection.*

For details of the curriculum framework, please refer to the [ICT Curriculum and Assessment Guide](#) from EDB.