

Information and Communication Technology

Introduction to Curriculum

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.

Structure of Curriculum

Topic		
Compulsory Part	Part A	Information Processing
	Part B	Computer System Fundamentals
	Part C	Internet and its Applications
	Part D	Basic Programming Concepts
	Part E	Social Implications
Elective Part (select any 1 out of 4)	Part A	Databases
	Part B	Data Communications and Networking
	Part C	Multimedia Production and Web Site Development
	Part D	Software Development

Introduction to Assessment

- Hong Kong Diploma of Secondary Education Examination

Component		Weighting	Duration
Public Examination	Paper 1 Compulsory Part	55%	2 hours
	Paper 2 Elective Part (choose one only) 2A <i>Databases</i> elective 2B <i>Data Communications and Networking</i> elective 2C <i>Multimedia Production and Web Site Development</i> elective 2D <i>Software Development</i> elective	25%	1.5 hours
School-based Assessment (SBA)	Task-based assessment	20%	/

In the SBA, students are required to complete a project with teacher guidance. The context of the project is related to both the Compulsory Part and the Elective Part chosen by students individually.