

St. Paul's College
Department of Computer Studies

**New Senior Secondary Curriculum –
Information and Communication Technology**

1 A brief description of the subject offered

The NSS ICT curriculum is organized into a Compulsory Part and an Elective Part.

The Compulsory Part consists of five modules, namely,

- Information Processing,
- Computer System Fundamentals,
- Internet and Its Applications,
- Basic Programming Concepts, and
- Social Implications.



There are three options offered in the Elective Part. Based on the abilities, interests and needs, students are required to choose a specialized area for in-depth study. The options are:

- Database,
- Multimedia Production and Web Site Development, and
- Software Development.

Subjected to the choices made by the students, the school will offer up to two options out of three.

Average teacher-student ratio will be 1:16.

2 Proposed schedule of topics & SBA schedule

Level	Compulsory Part	Elective Part	School-Based Assessment
Form 4	IP		
	CSF		
	IA or BPC		
Form 5		One of the four options	SBA
Form 6	IA or BPC		
	SI		

Compulsory Module:

IP: Information Processing CSF: Computer System Fundamentals

IA: Internet and its Applications BPC: Basic Programming Concepts

SI: Social Implications

Elective Option:

- ▶ Databases
- ▶ Multimedia Production and Web Site Development
- ▶ Software Development

3. SBA schedule – tasks to be completed and timeline for completion

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 individual students. The project will be assessed on the following aspects:

- ▶ Objectives and analysis
- ▶ Design and implementation
- ▶ Practical ICT skills
- ▶ Testing and evaluation
- ▶ Conclusion and discussion
- ▶ Documentation
- ▶ Creativity
- ▶ Project management

Curriculum time for SBA will be allocated in Form 5 and Form 6 to provide continuous feedback to students to enhance learning effectiveness.

