

## 2024-2025 S4 ICT - Teaching Syllabus

### **A1 Information Processing**

Introduction to Information Processing

Data Control and Data Organization

Data Representation

### **A2 Information Processing**

Spreadsheet

Database

### **B Computer System Fundamentals**

Input and Output Devices

Computer Hardware

Computer Software

### **D1 Computational Thinking and Programming**

Problem-Formulation and Analysis

Algorithm Design (I)

Algorithm Design (II)

### **D2 Computational Thinking and Programming**

Introduction to Python Programming

Integrated Problem-solving in Python

Program Testing and Debugging