

## 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