Syllabus outline

Syllabus component	Teaching hours	
	SL	HL
Core syllabus content		
SL/HL core The topics that must be studied, including some practical work, are: • Topic 1: System fundamentals (20 hours) • Topic 2: Computer organization (6 hours) • Topic 3: Networks (9 hours) • Topic 4: Computational thinking, problem-solving and programming (45 hours)	80	80
HL extension The topics that must be studied, including some practical work, are: • Topic 5: Abstract data structures (23 hours) • Topic 6: Resource management (8 hours) • Topic 7: Control (14 hours)	---	45
Case study Additional subject content introduced by the annually issued case study	---	30
Option		
SL/HL core	30	30
HL extension Students study one of the following options: Option A: Databases Option B: Modelling and simulation Option C: Web science Option D: Object-oriented programming (OOP)	---	15
Internal assessment		
Solution Practical application of skills through the development of a product and associated documentation	30	30
Group 4 project	10	10
Total teaching hours	**150**	**240**