



What specification is being followed?

OCR.

What will I be covering in the course and how will I be assessed?

2 The specification overview

2a. Overview of A Level in Computer Science (H446)

Learners must take three components (01, 02 and 03 or 01, 02 and 04).

Content Overview	Assessment Overview	
<ul style="list-style-type: none"> The characteristics of contemporary processors, input, output and storage devices Software and software development Exchanging data Data types, data structures and algorithms Legal, moral, cultural and ethical issues Elements of computational thinking Problem solving and programming Algorithms to solve problems and standard algorithms <p><i>The learner will choose a computing problem to work through according to the guidance in the specification.</i></p> <ul style="list-style-type: none"> Analysis of the problem Design of the solution Developing the solution Evaluation 	Computer systems (01) 140 marks 2 hours and 30 minutes written paper	40% of total A level
	Algorithms and programming (02*) 140 marks 2 hours and 30 minutes written paper	40% of total A level
	Programming project (03* or 04**) 70 marks Non-exam assessment	20% of total A level

Revision

There are two specific resources we recommend for Computer Science:

student.craigndave.org/a-level-videos (video tutorials produced by two experienced Computer Science teachers - follows the OCR specification)

isaacomputerscience.org - an excellent new online resource for A level Computer Science, from the DfE and NCCE (National Centre for Computing Education)

