

Applied Information and Communication Technology

Entry Requirements

GCSE Course Undertaken	Minimum Grade Required
GCSE Full Course	B
GCSE Short Course	B

The specifications in applied ICT encourage candidates to develop broad skills, knowledge and understanding of the ICT sector. They aim to encourage candidates to:

- develop a broad range of ICT skills and knowledge of the uses of ICT in vocational contexts, as a basis for progression into further learning in ICT related fields, including progression from AS to A2;
- develop knowledge and understanding of the components, functions and applications of information systems within a range of organisations;
- develop an understanding of the main principles of solving problems using ICT and develop the skills necessary to apply this understanding;
- provide opportunities for candidates to develop sufficient depth of understanding to inform their choices regarding further education, training and employment.

The A Level (6-unit) specification aims to encourage candidates to:

- apply their knowledge and understanding of ICT and use skills (eg planning, research, evaluation, problem solving) in vocational contexts;
- develop an understanding of the impact of information systems on organisations' personnel, policies and practices;
- develop project management skills and an understanding of the need to work with others.

For further information about this CCEA Applied ICT specification please visit: www.ccea.org.uk

Three Unit AS (Single Award)

Candidates are required to take all three units.

- AS Unit 1: Information and Communication
- AS Unit 2: Software Applications and Tools
- AS Unit 3: Organisations and Information Systems

Six Unit GCE (Single Award)

Candidates are required to take four compulsory units (three at AS and one at A2) and two of the remaining five A2 units.

Compulsory

- AS Unit 1: Information and Communication
- AS Unit 2: Software Applications and Tools
- AS Unit 3: Organisations and Information Systems
- A2 Unit 7: Investigating Systems

Optional – two units to be chosen by the teacher

- A2 Unit 8: Database Development
- A2 Unit 9: Website Design and Management
- A2 Unit 10: Multimedia Technology
- A2 Unit 11: Application Software Development
- A2 Unit 12: Visual Programming

Scheme of Assessment

The structure of the AS and A Level courses are summarised below:

Unit	Assessment	Weightings
AS Unit 1: Information & Communication	Internal	16 ² / ₃ %
AS Unit 2: Software Applications and Tools	External – Computer based examination 2 ½ hour paper	16 ² / ₃ %
AS Unit 3: Organisations and Information Systems	Internal	16 ² / ₃ %
A2 Unit 7: Investigating Systems	External 2 hour paper	16 ² / ₃ %
A2 Units 8-12 (one selected)	Internal	16 ² / ₃ %
A2 Units 8-12 (one selected)	Internal	16 ² / ₃ %