

Information & Communication Technology

AT ADVANCED LEVEL (A/S AND A2)

Our Course: **WJEC Modules studied at AS/A2 level**

Summary of Subject Content

This specification encourages candidates to become discerning users of ICT, developing a broad range of ICT skills and knowledge and understanding of ICT. This should form a basis for progression into further learning, including progression from AS to A2, and/or employment.

Specifically, it encourages candidates to develop:

- The capacity for thinking creatively, innovatively, analytically, logically and critically;
- The skills to work collaboratively;
- The ability to apply skills, knowledge and understanding of ICT in a range of contexts to solve problems;
- an understanding of the consequences of using ICT on individuals, organisations and society and of social, legal, ethical and other considerations on the use of ICT;
- An awareness of emerging technologies and an appreciation of the potential impact these may have on individuals, organisations and society.

IT1: Information Systems

IT2: Presenting Information Task

IT3: Use and Impact of ICT

IT4: Relational Database Project

SUMMARY OF ASSESSMENT

This specification is divided into a total of 4 units, 2 AS units and 2 A2 units. Weightings noted below are expressed in terms of the full A level qualification.

AS (2 units)

IT1 - 30 %, 2 hours 15 minutes written paper 80 marks (120 UMS).

A written paper of two sections, A and B, presented in a question and answer booklet. There are no optional questions. Quality of Written Communication is assessed in two questions.

Candidates will be required to prepare a spreadsheet on a specific topic, defined by WJEC, in advance of the written paper. Hard copies of the spreadsheet are taken into the examination and used to answer questions in Section B. This spreadsheet is submitted with the completed examination paper.

IT2 - 20% Internal Assessment, 80 marks (80 UMS)

Candidates undertake DTP and multimedia tasks, presenting the outcome for internal assessment and moderation by WJEC.

A LEVEL (the above plus a further 2 units)

IT3 - 30%:, 2 hours 30 minutes Written Paper 90 marks (120 UMS)

A written paper of two sections, A and B, presented as a question paper requiring a separate answer booklet. Candidates answer all questions in Section A and one from two in Section B.

Quality of Written Communication is assessed in two questions.

IT4 - 20 % Internal Assessment 100 marks (80 UMS)

Candidates analyse, design, implement, test and evaluate a solution to a problem of their choice requiring the use of a relational database.

This is a substantial piece of work, undertaken over an extended period of time.

It is internally assessed and moderated by WJEC.