

INFORMATION & COMMUNICATION TECHNOLOGY

Two Pathways - A level & Vocational OCR National Level 3

Introduction

ICT is used everywhere in today's world and people with ICT skills are very much in demand.

ICT combines practical skills with academic theory. Students study a wide range of relevant topics to meet the demands of a future working with the latest technology in a variety of settings. The skills that are developed over the length of the course will enable successful students to analyse current information systems and then to design and build improved systems to meet the changing needs of their organisation.

The teaching team in ICT are experienced and knowledgeable. We are committed to developing students' skills in order to achieve their highest potential. We work with our students to ensure that they enjoy their learning experiences, and provide them with additional help and guidance to ensure their success.



What we can do for you.

- Improve your problem solving skills using information technology applications
- Give you the ability to analyse, appraise and make critical judgements about the use of information technology systems
- Improve your interpersonal skills necessary for communicating with others
- Give you an understanding of the nature of information, its structure, application and implication of use.
- Give you an awareness of the role of information technology in the management, manipulation and dissemination of information
- Teach you a broad and balanced view of the range of applications and information systems, and an understanding of their capabilities and limitations, and implications for practical use.
- Impart to you an understanding of the role of people, technology and systems in organisations
- Give you an awareness of the economic, social and ethical implications of information technology systems.

The ICT courses specifically allow the students to develop:

- The capacity for thinking creatively, innovatively, analytically, logically and critically
- The skills to work with others
- The ability to apply skills, knowledge and understanding of ICT in a range of contexts to solve problems;

The ICT OCR National LEVEL 3 Course Structure

The OCR National Level 3 Course Consists of four mandatory units and two optional units.

Assessment and grading

- No Exams!
- All units are centre-assessed (course work)and externally moderated by OCR
- Qualifications are graded as Pass, Merit or Distinction.

Mandatory units

UNIT 1 Digital business communication

By completing this unit candidates will develop a thorough knowledge and understanding of communication in a business context. They will also demonstrate how ICT can be used to support and enhance business communication.

UNIT 2 Collaborative working

By completing this unit candidates will develop a thorough knowledge and understanding of collaborative working to produce a final product.

Unit 3 Problem solving

By completing this unit candidates will develop a thorough knowledge and understanding of techniques available for the analysis and presentation of numerical data.

Unit 4 Creating a digital showcase

By completing this unit candidates will develop a thorough knowledge and understanding of the process and practice of developing an interactive multimedia product to showcase an event or situation.

A further two units will be undertaken.

The ICT A level Course Structure

The A Level is a two year course split into two; an AS level and the full A2 level. At the end of the first year external assessment is taken in order for the AS level to be awarded if you do not wish to continue to the second year.

The course is highly successful and oversubscribed and through student and teacher dedication and commitment students achieve highly.

Students undertake two coursework tasks ranging from DTP to and Access database. There will be opportunities for students to incorporate a wide range of additional software where appropriate to the task

AS Units

UNIT IT1 Information Systems

Students undertake a written paper of two sections, A and B, presented in a question and answer booklet. This unit makes up 60% of the AS marks with some of the marks awarded for the preparation of material which taken in to the exam and sent off with the exam paper. Candidates will be required to prepare a spreadsheet on a specific topic

UNIT IT2 Presenting Information.

Coursework unit

This unit is worth 40% of the AS mark Candidates undertake DTP and multimedia tasks, presenting the outcome for internal assessment. The majority of the software used will be based upon access to the Microsoft office suite although this is not an exclusive requirement.

A2 Units

Unit IT3 Use and Impact of ICT

This is an examined unit and makes up 30% of the total A level mark. It comprises two written sections in a 2 hour 30 minute paper

Unit IT4 Relational Databases

In this unit students 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.