Madeley Academy
BTEC Nationals ICT (Level 3)

WHY ICT?

This course is a 'must-have' for every Sixth Form student. It provides the skills required for study at Madeley Academy and also for university, college or work. This exciting new course is also „all electronic_! ICT is a fast moving area and, as such, needs to attract people to it that are fast moving and dynamic.

A course in ICT will open doors in both an academic or career based pathway. All areas of employment demand every-increasing ICT skills to be held by its members and a qualification that is both skill and theory based can offer the foundation for further study at University or careers in public and private sector organisations in area such as:

E-Commerce	Business Administration	Network Management
Finance	Software Engineering	Systems Analysis
Marketing	Web Development	Web Administration
Programming	Knowledge Management	Telecommunications

The QNs for the qualifications in this publication are:

The BTEC qualifications in this specification are QCF level 3 qualifications designed to provide highly specialist, work-related qualifications in a range of vocational sectors. They give learners the knowledge, understanding and skills that they need to prepare for employment. These qualifications accredit the achievement for courses and programmes of study for full-time or part-time learners in schools, colleges and other training provider organisations. The qualifications provide career development opportunities for those already in work, and progression opportunities to higher education, degree and professional development programmes within the same or related areas of study, within universities and other institutions.

The BTEC qualifications in this specification provide much of the underpinning knowledge and understanding for the National Occupational Standards for the sector, where these are appropriate. They are supported by the relevant Sector Skills Councils (SSCs) and/or Standards Setting Bodies (SSBs).
They attract UCAS points that equate to similar-sized general qualifications within education institutions within the UK.

On successful completion of the BTEC level 3 qualification, a learner can progress to or within employment and/or continue their study in the same, or related vocational area.

<h1 align="center">COURSE DETAILS</h1>

Edexcel BTEC Level 3 Certificate in IT (QCF) 500/9148/7
Edexcel BTEC Level 3 Subsidiary Diploma in IT (QCF) 500/9147/5
Edexcel BTEC Level 3 Diploma in IT (QCF) 500/9150/5

Mandatory Units

Unit 1 - Communication and Employability Skills

The aim of this unit is to ensure that you understand both the personal attributes valued by employers and the principles of communicating effectively whilst developing effective communication skills and addressing their own personal development needs. It has no links with other units but underpins them all. This is a 10-credit unit.

Unit 2 – Computer Systems

The aim of this unit is to enable learners to understand the components of computer systems and develop the skills needed to recommend appropriate systems for business purposes and set up and maintain computer systems. This is a 10-credit unit.

Optional Units

Unit 3 – Information Systems

Unit 4 Impact of the Use of IT on Business Systems

Unit 14 Event Driven Programming

Unit 16 Procedural Programming

Unit 22 Developing Computer Games

Unit 31 Computer Animation

Unit 36 Computer Game Platforms and Technologies

Unit 37 2D Animation Production

Unit 42 Spreadsheet Modelling

Unit 43 Multimedia Design