BTEC National AAQ in Information Technology

What is an AAQ?

▶ A brand new qualification with a similar assessment process to BTEC Tech Awards with built-in re-sit opportunities.

▶ Designed to study the most up-to-date IT topics.

▶ Allows you to develop both specific and transferable IT skills.

▶ Assessments are set in real-world scenarios to best represent how IT is used in the world of work.

▶ Learn more about the role and implications of using Information Technology systems and cyber-security threats and how to manage attacks. Students will also develop important skills for creating websites to meet a specific need.

Why you should study IT?

▶ Almost every job requires you to use a computer, and this course will give you valuable workplace skills.

▶ Cyber-security is a massive growth area so it will support future careers in this area.

▶ The problem solving and thinking skills that you learn will support your other subjects and your future self!

▶ It is a good mix of practical and theory.

▶ A modular course with internal assessments allows you to achieve throughout the course.

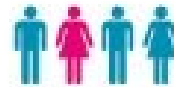▶ Offers you access to a range of degrees and Apprenticeships.

Did you know...?

4 out of 5
of BTEC students go on to receive a 1st or 2nd class degree***

1 in 4 students
who got into a UK University in 2015 did so with a BTEC**

Level 3 BTECs
can boost your lifetime earnings by **£92,000***

More than
25%
of 20-30 year olds in Higher Education have studied a BTEC

90%
of BTEC students are employed full time after graduating***

Over **1 million** students in the UK choose BTEC each year. Will you?

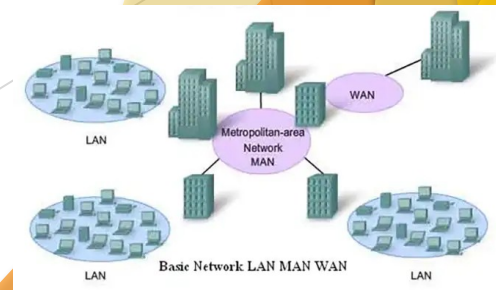Find out more and choose your BTEC at **ichooseBTEC.com**

Assessment

Mandatory units, learners complete all units			
1	Information Technology Systems	120 GLH	External
2	Cyber Security and Incident	120 GLH	External
3	Website Development	60 GLH	Internal
4	Relational Database Development	60 GLH	Internal

External Assessment	66%
Mandatory content	100%
External Assessment Administration	2 x Exams: 1 x 2hrs, 1 x 2hrs 15mins
Internal Assessments	2 units
Internal Assessment Length	Unit 3: 15hrs Unit 4: 15hrs Learners will be assessed for 30hrs (learners complete two internal assessments)
Total assessments taken	4 units

Unit 1 IT Systems

▶ This unit covers key theory including:

▶ **Digital Devices** – what they are, how to choose them, how to implement new systems.

▶ **Networking** – different types of network, the hardware used, how to select the right network for your needs.

▶ **Online Systems and Communities** – how to use Cloud services, how to develop an online community to support your business.
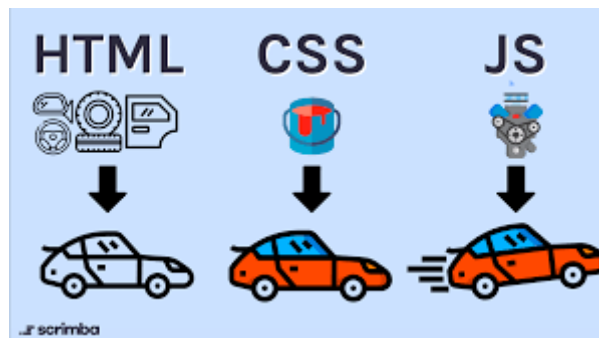
Unit 2 Cyber Security

▶ **Learn about:**

▶ **Threats to data** – why is data attacked and how.

▶ **Vulnerabilities** – looking at where systems are vulnerable to attacks and how to resolve this.

▶ **Networking** - how computers are linked together and how the hardware can be configured to improve security.

▶ **Cyber-security** – what can be done to improve security, how to respond in an attack.

▶ **System Forensics** – how to examine a system to review the results of an attack.

Unit 3 Website Development

- In this unit you will learn:
- Explore the principles of website development.

- How to create a website using HTML, Javascript, and CSS.

- How to design a website to meet a client brief.

Unit 4 Relational Database Development

▶ In this unit you will learn:

▶ What a database is and how they are used.

▶ The key principles of database models and normalisation.

▶ How to design a database model.

▶ How to create a relational database with data input forms, queries, and reports.

Where Can IT take you?

▶ Past IT students have gone on to:

▶ University degrees in: Computer Science, Networking, Cyber Security, Game Design, and non-IT related courses.

▶ Apprenticeships in : IT, Networking, Marketing, and other non-IT related courses.

Any Questions?

▶ Please don't be afraid to ask!

▶ Course contact:

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