

DIGITAL INFORMATION TECHNOLOGY

Syllabus: PEARSON EDEXCEL BTEC TECH AWARDS DIGITAL INFORMATION TECHNOLOGY 603/2740/6

Please consult: Mrs S Assam

What we aim to do

Today, our students live in a world of technology and know how to use it. This new specification moves them from 'how to use it' to exploring how the process of creating user interfaces and the data involved in it are used.

What we study

Component 1: Exploring User Interface Design Principles and Project Planning Techniques

In this component you will learn the different principles that can be used to design effective user interfaces and apply appropriate project planning techniques to create a user interface that meets user requirements.

Component 2: Collecting, Presenting and Interpreting Data

In this component you will discover how data is collected and used to support decision-making and how it can be presented in ways that make it easy to understand. Large quantities of data can be very difficult to understand. You will also learn how to manipulate data and use it to create dashboards that summarise and present data clearly.

Component 3: Effective Digital Working Practices

In this component you will explore how IT professionals work with digital solutions to integrate them into organisations and their activities.

Skills needed

An enjoyment of IT, Design & Implementation.

How your work will be assessed

Component 1: Exploring User Interface Design Principles and Project Planning Techniques

Internally assessed coursework

Component 2: Collecting, Presenting and Interpreting Data

Internally assessed coursework

Component 3: Effective Digital Working Practices

Externally assessed exam

What this subject can lead to when you finish Year 11 at The Hollyfield School

Students wishing to study ICT at A Level are required to attain a Level 2 Pass in BTEC Tech Award in Digital Information Technology

Possible careers/progression

This course will provide you with a broad set of ICT skills that employers are looking for should you wish to not continue to study beyond year 11. If you wish to continue your studies, this course will also provide you with the opportunity to study ICT or Computing at AS or A2. If neither of these situations apply, the course still offers you skills that you will be able to take advantage of if you study other subjects at AS or A2 level, Level 3 Vocational Courses, Level 3 Diplomas, or an International Baccalaureate.

Additional information/special requirements

n/a

Relevant website links for further information on the course/subject

Specification: <https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology.html>

Careers: <https://www.prospects.ac.uk/jobs-and-work-experience/job-sectors/information-technology>

