Shoeburyness High School

Year 9 Subject Information

Pearson BTEC Level 1/Level 2 Tech Award in Digital Information Technology

BTEC Tech Award in DiT

Subject Information

Learners who want to acquire sector-specific applied knowledge and skills through vocational contexts which cover the:

- development of key skills that prove your aptitude in digital information technology, such as project planning, design and creating user interfaces.
- process that underpins effective ways of working in digital information technology, such as cyber security, virtual teams.
- attitudes that are considered in digital information technology including personal management and communication.
- knowledge that underpins effective use of skills, process, and attitudes in the sector.

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

Year 10 internally-assessed assignments, externally moderated. This contributes to 30% of the final grade.

Learners will develop their understanding of what makes an effective user interface and how to effectively manage a project. Learners will use this understanding to plan, design and create a user interface.

As digital technologies continue to evolve, each new development offers new and exciting ways of completing tasks and interacting with our hardware devices and opens a new project with a new set of user requirements that needs to be solved.

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Component 2: Collecting, Presenting & Interpreting Data

Year 10 internally-assessed assignments, externally moderated. This contributes to 30% of the final grade.

Learners will understand the characteristics of data and information and how they help organisations in decision-making. They will use data manipulation methods to create a dashboard to present and draw conclusions from information. You will:

- Learn the different manipulation tools that can be used to change the way that data is presented.
- Provide clear summaries of the data and present them in a dashboard.
- Learn the different presentation features that can be used to ensure information is understood clearly in an objective way.

Component 3: Effective Digital Working Practices

Year 11External 90-minute assessment completed under supervised conditions and marked by exam board. This contributes to 40% of the final grade.

This component will give you an opportunity to explore how the developments in technology over recent years have enabled modern organisations to communicate and collaborate effectively. It is designed to allow you to explore:

- Digital systems available to organisations and how their features have an impact on the way organisations operate.

- How developments in technology have led to more inclusive and flexible working environments.

- How ethical and security concerns influence the way in which organisations operate.

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Course/Career Progression

This course will support you in progressing to a Level 3 qualification in the digital sector. The knowledge and skills you develop will give you a basis for further study in a range of subject areas, including Computing, IT, Engineering, Creative and Scientific. Learners might consider progression to:

- A Levels a preparation for entry to higher education in a range of subjects.
- Study of a vocational qualification at Level 3, such as BTEC National in IT, which prepares learners to enter employment or apprenticeships, or to move onto higher education by studying a degree in the digital sector.

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Contact Information

Head of Faculty:

svincent@shoeburyness.secat.co.uk

Head of Subject:

gjones@shoeburyness.secat.co.uk