Holly Lodge High School - BTEC Information Technology Level 3 Journey (Year 12)

The objective of this qualification is to give learners the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business. This will enable learners to progress to further study in the IT sector or other sectors. Learners will study three mandatory units: • Unit 1: Information Technology Systems (synoptic) • Unit 2: Creating Systems to Manage Information • Unit 3: Using Social Media in Business. This qualification includes a choice of optional units, including: • Unit 5: Data Modelling • Unit 6: Website Development.

Extended Certificate

360 GLH

Grade	Points
U	0
P	36
M	52
D	74
D*	90

Cultural Capital

- Cognitive and Problem Solving Skills
- Interpersonal Skills
- Employee workshops
- University Visits

Course Outcomes

This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses.

Learning Aim B: Design a data model to meet client requirements

Learning Aim C: Develop a data model to meet client requirements

Learning Aim A: Investigate data modelling and how it can be used in the decision-making process

A02: Apply knowledge and understanding of information technology terms, standards, concepts

AO4: Analyse and evaluate information, technologies and procedures in order to recommend and justify solutions to IT problems

AO1: Demonstrate knowledge and understanding of information technology terms, standards, concepts and processes

AO3 Select and use information technologies and procedures to explore likely outcomes and find solutions to problems in context

AO5: Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems

Unit 5 Data Modelling 60 GLH

YEAR TWO

Unit 1 Information Technology Systems 120GLH

Learning Aim B - Develop a plan to use social media in a business to meet requirements

Learning Aim C - Implement the use of social media in a business

Learning Aim A - Explore the impact of social media on the ways in which businesses promote their products and services

Unit 3: Using Social Media in Business 90 GLH

AO5 Be able to develop a database solution to meet a client brief with appropriate justification

AO4 Evaluate evidence to make informed judgements about the success of a database's design and performance

YEAR ONE

Unit 2: Creating Systems to Manage Information 90 GLH

AO2 Apply knowledge and understanding of database development terminology, standards, concepts and processes to create a software product to meet a client brief

AO1 Demonstrate knowledge of database development terminology, standards, concepts and processes

AO3 Analyse information about database problems and data from test results to optimise the performance of a database solution

Size and Structure

360 GLH (475 TQT)

Equivalent in size to one A Level.

4 units of which 3 are mandatory and 2 are external.

Mandatory content (83%).

External assessment (58%)

Your Physical Education Journey starts here ...

Holly Lodge High School - BTEC Information Technology Level 3 Journey (Year 13)

The objective of this qualification is to give learners the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business. This will enable learners to progress to further study in the IT sector or other sectors. Learners will study three mandatory units: • Unit 1: Information Technology Systems (synoptic) • Unit 2: Creating Systems to Manage Information • Unit 3: Using Social Media in Business. This qualification includes a choice of optional units, including: • Unit 5: Data Modelling • Unit 6: Website Development.

Extended Certificate

360 GLH

Grade	Points
U	0
P	36
M	52
D	74
D*	90

Learning Aim B - Develop a plan to use social media in a business to meet requirements

Learning Aim C - Implement the use of social media in a business

Learning Aim A - Explore the impact of social media on the ways in which businesses promote their products and services

AO2 Apply knowledge and understanding of database development terminology, standards, concepts and processes to create a software product to meet a client brief

AO4 Evaluate evidence to make informed judgements about the success of a database's design and performance

AO5 Be able to develop a database solution to meet a client brief with appropriate justification

Unit 3: Using Social Media in Business 90 GLH

AO1 Demonstrate knowledge of database development terminology, standards, concepts and processes

AO3 Analyse information about database problems and data from test results to optimise the performance of a database solution

YEAR TWO

Unit 2: Creating Systems to Manage Information 90 GLH

Learning Aim B: Design a data model to meet client requirements

Learning Aim C: Develop a data model to meet client requirements

Learning Aim A: Investigate data modelling and how it can be used in the decision-making process

Unit 5 Data Modelling 60 GLH

AO5: Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems

YEAR ONE

Unit 1 Information Technology Systems 120GLH

AO2: Apply knowledge and understanding of information technology terms, standards, concepts

AO4: Analyse and evaluate information, technologies and procedures in order to recommend and justify solutions to IT problems

AO1: Demonstrate knowledge and understanding of information technology terms, standards, concepts and processes

AO3 Select and use information technologies and procedures to explore likely outcomes and find solutions to problems in context

Cultural Capital

- Cognitive and Problem Solving Skills
- Interpersonal Skills
- Employee workshops
- University Visits

Course Outcomes

This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses.

Size and Structure

360 GLH (475 TQT)

Equivalent in size to one A Level.

4 units of which 3 are mandatory and 2 are external.

Mandatory content (83%).

External assessment (58%)

Holly Lodge High School - BTEC Information Technology Level 3 Journey (Year 12 - Diploma)

The objective of this qualification is to give learners the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business. This will enable learners to progress to further study in the IT sector or other sectors. Learners will study the following units: • Unit 1: Information Technology Systems (synoptic), Unit 2: Creating Systems to Manage Information, Unit 3: Using Social Media in Business, Unit 4: Programming, Unit 5: Data Modelling, Unit 6: Website Development, Unit 9 IT Project Management & Unit 11: Cyber Security & Incident Management

Diploma

720 GLH

Grade	Points
U	0
PP	72
MP	88
MM	104
DM	124
DD	144
D*D	162
D*D*	180

Learning Aim D: Undertake the closure of a project by reflecting on the success of personal performance and

Learning Aim B: Carry out a project initiation for an IT project

Learning Aim C: Carry out the planning, execution, monitoring and controlling of an IT project, using an

Learning Aim A: Investigate the principles and methodologies of IT project management as used in

Unit 9 IT Project Management 90 GLH

Learning Aim A: Examine the computational thinking skills and principles of computer programming

Learning Aim B: Design a software solution to meet client requirements

Learning Aim C: Develop a software solution to meet client requirements.

YEAR TWO

Unit 4 Programming 90GLH

Learning Aim B - Develop a plan to use social media in a business to meet requirements

Learning Aim C - Implement the use of social media in a business

Learning Aim A - Explore the impact of social media on the ways in which businesses promote their products and services

Unit 11: Cyber Security & Incident Management 120 GLH

YEAR ONE

Unit 6: Website Development 60 GLH

Learning Aim A: Understand the principles of website development

Learning Aim B: Design a website to meet client

C Develop a website to meet client requirements.

Cultural Capital

- Cognitive and Problem Solving Skills
- Interpersonal Skills
- Employee workshops
- University Visits

Course Outcomes

This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses.

Size and Structure

720 GLH

Equivalent in size to two A Levels.

8 units of which 6 are mandatory and 2 are external.

Mandatory content (83%).

External assessment (46%)

Your Physical Education Journey starts here