# CURRICULUM MAP – Year 10 BTEC DIT

**ST JAMES'**
CATHOLIC HIGH SCHOOL

## HT1:

**Component 1 Exploring user interface design principles and project planning techniques**

**Learning Outcome A:**
Understand interface design for individuals/ Organisations
**Catholic Social Teaching**
*The dignity of work and participation*

**Learning Outcome B:**
Be able to use project planning techniques to plan, design and develop a user interface

**Careers**
What transferable skills are gained in BTEC IT, what careers and further study are available (job focus)

**Cultural Capital**
Considering user accessibility needs (e.g.

## HT2:

**Component 1 Exploring user interface design principles and project planning techniques**

**Learning Outcome B:**
Be able to use project planning techniques to plan, design and develop a user interface
**Catholic Social Teaching**
*The dignity of work and participation*

**Cultural Capital**
Completing a project to a specified brief and evaluating work against a set of criteria.

**Careers**
Looking at IT entrepreneurs

**Learning Outcome C:**
Be able to review a user interface

**Cultural Capital**
Methods of working in the IT industry (agile) setting SMART targets

## Assessment Point:

**HT1 and HT2**

HT 1 Assessment – written assessment of key concepts and techniques in user interface design

HT 2 Assessment – PSA assessment task for Component 1 final grade (assessing all knowledge and skills from Learning Outcomes A, B and C)

**Key Concepts**
Knowledge of interfaces and how they ate designed to make them intuitive and accessible
Creating a written report
Analysing and evaluating interfaces

## HT3:

**Component 2 Collecting, presenting and interpreting data**

**Learning Outcome A:**
Understand how data is collected by organisations and its impact on individuals
**Catholic Social Teaching**
*The common good*

**Learning Outcome B:**
Be able to create a dashboard using data manipulation tools
**Learning Outcome C:**
Be able to draw conclusions and review data presentation methods

**Cultural Capital**
Understanding the difference between data and information and the different ways it can be presented. Considering the impact of inaccurate data and how to prevent this

## HT4:

**Component 2 Collecting, presenting and interpreting data**

**Learning Outcome A:**
Understand how data is collected by organisations and its impact on individuals
**Catholic Social Teaching**
*The common good*

**Learning Outcome B:**
Be able to create a dashboard using data manipulation Tools
**Learning Outcome C:**
Be able to draw conclusions and review data presentation methods

## Assessment Point:

**HT3 and HT4**

HT 3 Assessment – Written assessment of key concepts and theory from Component 2 Learning Outcome A, B and C

HT 4 Assessment – PSA assessment task for Component 2 final grade (assessing all knowledge and skills from Learning Outcomes A, B and C )

**Key Concepts**

Designing skills and project management techniques
Creation of an interface using appropriate software

## HT5

**Component 3: Effective Digital Working Practices**

**Learning Outcome A**
*Modern Technologies: communication technologies, cloud technologies, maintenance, set up and performance considerations, collaboration, accessibility and inclusivity and how technologies impact the way organisations operate*

**Catholic Social Teaching**
*The dignity of work and participation*
*The common good*

**Cultural Capital**
How are interfaces designed to support inclusivity

**Careers**
Speaker to share their career pathway with advice and guidance for the future

## HT6:

**Component 3: Effective Digital Working Practices**

**Learning Outcome A**
*Modern Technologies: communication technologies, cloud technologies, maintenance, set up and performance considerations, collaboration, accessibility and inclusivity and how technologies impact the way organisations operate*

**Catholic Social Teaching**
*The dignity of work and participation*
*The common good*

**Cultural Capital**
How are interfaces designed to support inclusivity

## EOY Assessment Point

**HT5 and HT6**

HT 1 Assessment – keywords for modern technologies (A)

HT 2 Assessment – written assessment of modern technologies (A)

**Key Concepts**
Understanding of cloud technology and how the impacts on modern working businesses Accessibility issues and how modern technologies can make a working environment more inclusive

*With God all things are possible.* Matthew 19:26

| visual / hearing impairments) and consider how these impact on the ability to use and interact effectively with digital devices | and effectively managing a project | | Careers Benefits of work experience, what can you gain from a placement | | | | | | |
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With God all things are possible. Matthew 19:26