



Information Technology



Knowledgeable

Employable

Skilled

Year 10

R060

TA1: Planning and designing the spreadsheet solution.

Design tools, Human Computer Interface and types of outputs which clearly present information for an organisation.

TA3: Test the user interface and the technical aspects of the spreadsheet solution.

Test the user interface and the technical aspects of the spreadsheet solution.

TA2: Creating the spreadsheet solution.

Data handling and manipulation, techniques to generate the outputs and create a user interface.

TA4: Evaluating the spreadsheet solution.

Methods used to evaluate the success of the spreadsheet solution.

R060 January Coursework Submission

TA1: Augmented reality (AR)

Purpose, types and uses of Augmented Reality (AR) with an understanding of the different devices used with Augmented Reality .

TA3: Creating and Augmented Reality (AR) model prototype.

Creating a model prototype to demonstrate the working functionality of the AR product. .

R070

TA2: Designing an Augmented Reality (AR) model prototype.

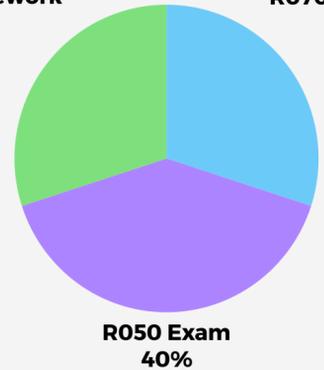
Planning and designing considerations and design tools.

TA4: Testing and reviewing.

Testing and reviewing the process of creating the Augmented Reality (AR) model prototype.

R060 Coursework
30%

R070 Coursework
30%



Year 11

TA1: IT in the digital world.

Types of design tools.

R050

TA3: Data and testing.

Information and data, data use in different contexts, difference between validation and verification, data validation and verification tools, data collection methods and storage of collected data. Application of testing in a range of contexts, importance and purpose of testing, test data and types of testing.

TA5: Digital communications.

Types of digital communication, characteristics of software, digital devices, types of distribution channels, distribution channel connectivity, audience demographics,

Revision

All 4 Teaching Areas revised for the exam.

Term 1

Term 2

Term 3

Term 4

Term 5

Term 6

TA2: Human Computer Interface in everyday life

The purposes, importance and use of HCI in application areas. Hardware and software considerations and user interaction methods.

R070 January Coursework Submission

TA4: Cyber-security and legislation.

Threats, impacts of cyber security attacks on individuals and/or organisations, prevention measures and legislations related to the use of IT systems.

TA6: Internet of Everything (IoE).

Use of IoE, purpose and application of IoE in everyday life.

R050 June Exam 1 hour and 15 mins

Golden Threads

Fundamental principles

Practical skills

Applying real-life contexts

Creative

Innovative

Analytical

Logical

Critical