

# Digital Production, Design and Development

Occupational Specialism

Grade Descriptors

Version 1.0

To be used alongside:

- Guide Standard Exemplification Materials
- Grade Standard Exemplification Materials
- 2206 Lead Examiner Report
- 2206 Ofqual Brief

## **Pass**

- Can adequately analyse and decompose problems in an unfamiliar context. They are able to adequately define the key functional/non-functional elements of a solution demonstrating an adequate understanding of the business context and wider issues.
- Learners can design solutions that adequately meet the functional/non-functional requirements of a brief. They can adequately communicate their design to others making mostly appropriate use of accepted conventions. Can implement functional code that adequately uses appropriate programming conventions. Can adequately test the main aspects of a solution using mostly appropriate test data and simple debugging techniques.
- Learners demonstrate an adequate understanding of factors that inform changes to software and their associated implications. They can identify the causes of problems and adequately follow appropriate processes to resolve them.
- Learners can adequately make use of tools and technologies to work collaboratively and increase efficiency.
- Learners can adequately discover, evaluate, and apply sources of information.
- Can adequately apply ethical principles and manage risks in line with legal and regulatory requirements when developing software.
- Learners' communication and documentation of the software development is adequate.

## **Distinction**

- Can effectively analyse and decompose problems in an unfamiliar context. They are able to comprehensively define the key functional/non-functional elements of a solution demonstrating a thorough understanding of the business context and wider issues.
- Learners can design solutions that effectively meet the functional/non-functional requirements of a brief. They can effectively communicate their design to others consistently making appropriate use of accepted conventions. Can implement functional and efficient code that effectively uses appropriate programming conventions. Can comprehensively test the solution using a wide range of well-selected test data and debugging techniques.
- Learners demonstrate a thorough understanding of factors that inform changes to software and their associated implications. They can identify the causes of problems and effectively follow appropriate processes to resolve them efficiently.
- Learners can effectively make use of tools and technologies to work collaboratively and increase efficiency.
- Learners can effectively discover, evaluate, and apply sources of information.
- Can effectively apply ethical principles and manage risks in line with legal and regulatory requirements when developing software.
- Learners' communication and documentation of the software development is thorough and effective.

