BUSINESS AND MANAGEMENT

short courses

Introduction to Digital Technologies

Awarding organisation: ATHE

Unit level: 3
Unit code: L/618/4176
GLH: 30
Credit value: 5
Unit grading structure: Pass/Merit/Distinction
Assessment guidance: In order to achieve this unit, learners must produce work which demonstrates achievement of the learning outcomes at the standards provided by the assessment criteria and the completion of assignments in accordance with awarding organisation guidance.

Unit aims

This units aims to provide an overview of the range of digital technologies available across different business sectors and environments. Learners will investigate the different areas and develop knowledge and understanding about the importance of digital technologies in today's world.

Learning outcomes The learner will:	Assessment criteria The learner can: Pass	Merit	Distinction
1. Understand the evolution of computing and technology	1.1 Explain the recent technological advances in computing		
	1.2 Explain the range of information and communications technology (ICT) related jobs available		
	1.3 Explain the transferrable skills learnt from personal computing		
	1.4 Interpret a problem and find an appropriate digital solution		
2. Understand the components of a digital environment	2.1 Outline types of hardware solutions used	2 M1 Explain the benefits of using a network infrastructure	2 D1 Evaluate the impact that hardware has on software
	2.2 Outline types of software solutions used		
	2.3 Describe types of networks available		
	2.4 Assess advanced digital Solutions		
3. Understand cloud based (internet) technologies	3.1 Describe the different types of cloud-based technologies		
	3.2 Explain the benefits of cloud-based technologies		
	3.3 Assess the risks of using cloud-based technologies		
	3.4 Explain security measures for using cloud-based technology		

Learning outcomes The learner will:	Assessment criteria The learner can:		
	Pass	**Merit**	**Distinction**
4. Understand the importance of technology in society	4.1 Outline the use of technology in: • Business • Education • Finance • Manufacturing • Health • Medical • Marketing	4 M1 Explain the benefits of using technology for business processes	4 D1 Analyse the impact that technology has had across industry sectors
5. Understand the implementation of new digital solutions	5.1 Outline the ICT project management process 5.2 Outline the development process 5.3 Explain the importance of production planning 3.4 Describe how hardware and software are co- dependent 3.5 Explain the use of Programming	5 M1 Explain the range of project management tools that can be used to manage an ICT project	5 D1 Analyse how a successful digital solution can be deployed

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