

CGD6: Computer Games Development at SCQF level 6

Unit	Computer Games Development 2	
SSC Code	CGD2	
SQA Code	H3BD 04	
SCQF Level	6	
SCQF Credit Value	7	
Guided Learning Hours	71	
Unit summary	This unit is about the knowledge and skills required to design, develop and test computer games. The candidate will gain an appreciation of the computer games industry and the development process for game components.	
Learning Outcomes The learner will:	Assessment Criteria	
1. Understand computer game components	1.1 Describe the hardware and software components of a computer game system	
2. Understand the processes of computer games development	2.1 Describe the stages of the evolution of computer games 2.2 Describe the roles and activities required to develop computer games 2.3 Explain computer game development processes and terminology 2.4 Explain computer game programming methods and techniques	
3. Be able to evaluate existing computer games	3.1 Produce an evaluation of an existing computer game	
4. Be able to develop a computer game specification	4.1 Describe the purpose of a pre production proposal document and an implementation plan. 4.2 Identify the components required to develop a computer game 4.3 Produce a pre-production proposal document for a	

	<p>computer game project</p> <p>4.4 Produce an implementation plan for a computer game development</p>
5. Be able to Implement components of a computer game	<p>5.1 Design components of a computer game</p> <p>5.2 Develop components of a computer game</p> <p>5.3 Test components of a computer game</p>
Additional information about the unit	
Guidance on approaches to assessment	Further guidance is set out in the CBQ Assessment principles developed by e-skills UK and agreed by the Joint Awarding Body Forum.
Details of the relationship between the unit and relevant National Occupational Standards or other professional standards	This unit is based on the e-skills UK NOS for IT professionals (PROCOM) available from www.e-skills.com/nos
Location of the unit within the subject/sector classification system	IT Professional
Name of the organisation submitting the unit	e-skills UK