

Template for CBQ units

Unit	Web development 2	
SSC Code	WD2	
SQA Code	H3BJ 04	
SCQF Level	6	
SCQF Credit Value	12	
Guided Learning Hours		
Unit summary		
Learning Outcomes The learner will:	Assessment Criteria	
1. Understand web architecture and components	<p>1.1 Describe the hardware and software components which enable the internet and web</p> <p>1.2 Explain the role of network protocols in web architecture</p> <p>1.3 Explain the role of internet service providers, web hosting services and domain name registrars</p> <p>1.4 Describe available types of web components.</p>	
2. Understand the technologies that can be used to build and operate a website	<p>2.1 Explain the use of markup languages</p> <p>2.2 Explain the use and functionality of:</p> <ul style="list-style-type: none"> • web runtime environments • web application programming languages <p>2.3 Explain the role of databases in building websites and web applications</p> <p>2.4 Identify typical product stack combinations that can be used for web development</p>	
3. Produce a website design for a given brief.	3.1 Produce a proposal document for a web-site design.	

	<p>3.2 Identify the components required by a web-site design.</p> <p>3.3 Produce an implementation plan for a web-site development project.</p>
4. Implement a website from a design specification.	<p>4.1 Develop a fully functional website to meet requirements.</p> <p>4.2 Test a website and review against requirements.</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