

Template for CBQ units

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| Unit | Web Development 1 | |
| SSC Code | WD1 | |
| SQA Code | H3BH 04 | |
| SCQF Level | 5 tbc | |
| SCQF Credit Value | 7 tbc | |
| Guided Learning Hours | | |
| Unit summary | | |
| Learning Outcomes The learner will: | Assessment Criteria | |
| 1. Know web architecture and components | 1.1 List the hardware and software components which enable the internet and web 1.2 State the role of the TCP/IP protocol 1.3 State the role of internet service providers, web hosting services and domain name registrars 1.4 Identify available types of web functionality | |
| 2. Know about the technologies used to build and operate websites | 2.1 State the purpose of markup languages and list commonly used examples 2.2 Identify the roles of: <ul style="list-style-type: none"> • web runtime environments • web application programming languages; and • databases in building websites and web applications 2.3 Identify typical product stack combinations that can be used for web development | |
| 3. Implement specified components of a web-site | 3.1 State the components required to produce a web-site 3.2 Design specified components of a web-site | |

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| | <p>3.3. Develop specified components of a web-site</p> <p>3.4 Test specified components of a web-site</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 |