



Australian Government

ICT40315 Certificate IV in Web-Based Technologies

Release 1

ICT40315 Certificate IV in Web-Based Technologies

Modification History

| Release | Comments |
|-----------|--|
| Release 1 | This qualification first released with ICT Information and Communications Technology Training Package Version 1.0. |

Qualification Description

This qualification provides an individual with the skills and knowledge to design, develop, build and administer websites using a range of website technologies.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil

Packaging Rules

Total number of units = 22

8 core units plus

14 elective units

The elective units consist of:

- 5 from one of the following specialist groups:
 - Group A Administration
 - Group B Design and development.

Of the remaining elective units:

- up to 9 may be from the specialist elective groups below or from Group C general elective units below
- up to 4 may be from elsewhere in ICT Information and Communications Technology Training Package or any other Training Package or accredited course at Certificate IV or Diploma level.

The elective units chosen must be relevant to the work outcome and meet local industry needs.

Core units

BSBWHS304 Participate effectively in WHS communication and consultation processes
ICTICT401 Determine and confirm client business requirements
ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment
ICTWEB401 Design a website to meet technical requirements
ICTWEB402 Confirm accessibility of websites for people with special needs
ICTWEB403 Transfer content to a website using commercial packages
ICTWEB424 Evaluate and select a web hosting service
ICTWEB429 Create a markup language document to specification

Elective units

Specialist elective units

Group A Administration

ICTWEB404 Maintain website performance
ICTWEB405 Monitor traffic and compile website traffic reports
ICTWEB406 Create website testing procedures
ICTWEB407 Conduct operational acceptance tests of websites
ICTWEB408 Ensure basic website security

Group B Design and development

ICTDBS403 Create basic databases
 ICTWEB409 Develop cascading style sheets
 ICTWEB411 Produce basic client-side script for dynamic web pages
 ICTWEB415 Produce server-side script for dynamic web pages
 ICTWEB425 Apply structured query language to extract and manipulate data

General elective units***Group C***

BSBCRT401 Articulate, present and debate ideas
 BSBSUS301 Implement and monitor environmentally sustainable work practices
 CUFPPM404A Create storyboards
 ICTICT403 Apply software development methodologies
 ICTICT407 Maintain website information standards
 ICTICT408 Create technical documentation
 ICTICT417 Identify, evaluate and apply current industry-specific technologies to meet industry standards
 ICTICT420 Develop client user interface
 ICTNWK409 Create scripts for networking
 ICTPMG401 Support small scale ICT projects
 ICTPRG405 Automate processes
 ICTWEB410 Apply web authoring tool to convert client data for websites
 ICTWEB412 Produce interactive web animation
 ICTWEB413 Optimise search engines
 ICTWEB414 Design simple web page layouts
 ICTWEB416 Customise content management system
 ICTWEB417 Integrate social web technologies
 ICTWEB421 Ensure website content meets technical protocols and standards

Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|---|---|---|-------------------------------|
| ICT40315 Certificate IV in Web-Based Technologies | ICA40311 Certificate IV in Web-Based Technologies | Updated to meet Standards for Training Packages | Equivalent qualification |

Links

Companion volumes available from the IBSA website:

http://www.ibsa.org.au/companion_volumes - http://www.ibsa.org.au/companion_volumes