



Australian Government

ICT40315 Certificate IV in Web-Based Technologies

Release: 3

ICT40315 Certificate IV in Web-Based Technologies

Modification History

Release	Comments
Release 3	This version released with ICT Information and Communications Technology Training Package version 4.0. Release 3 created to update the elective list unit codes and titles.
Release 2	This version released with ICT Information and Communications Technology Training Package version 2.0. Release 2 created to update unit codes.
Release 1	This version 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:

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

Of the remaining elective units:

- up to 10 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

ICTWEB411 Produce basic client-side script for dynamic web pages

ICTWEB425 Apply structured query language to extract and manipulate data

ICTWEB430 Produce server-side script for dynamic web pages

General elective units

Group C

BSBCRT401 Articulate, present and debate ideas

BSBSUS401 Implement and monitor environmentally sustainable work practices

CUAPPM407 Create storyboards

ICTICT403 Apply software development methodologies

ICTICT407 Maintain website information standards

ICTICT408 Create technical documentation

ICTICT420 Develop client user interface

ICTICT427 Identify, evaluate and apply current industry-specific technologies to meet organisational needs

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 (Release 2)	ICT40315 Certificate IV in Web-Based Technologies (Release 1)	Updated unit codes.	Equivalent qualification

Links

Companion Volume Implementation Guides are available from VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>