ICT40315 Certificate IV in Web-Based Technologies

Modification History

<table>
<thead>
<tr>
<th>Release</th>
<th>Comments</th>
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<tbody>
<tr>
<td>Release 3</td>
<td>This version released with ICT Information and Communications Technology Training Package version 4.0.</td>
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<tr>
<td></td>
<td>Release 3 created to update the elective list unit codes and titles.</td>
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<tr>
<td>Release 2</td>
<td>This version released with ICT Information and Communications Technology Training Package version 2.0.</td>
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<tr>
<td></td>
<td>Release 2 created to update unit codes.</td>
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<tr>
<td>Release 1</td>
<td>This version first released with ICT Information and Communications Technology Training Package Version 1.0.</td>
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</table>

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

BSPWHS304 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**

<table>
<thead>
<tr>
<th>Code and title current version</th>
<th>Code and title previous version</th>
<th>Comments</th>
<th>Equivalence status</th>
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<tr>
<td>ICT40315 Certificate IV in Web-Based Technologies (Release 2)</td>
<td>ICT40315 Certificate IV in Web-Based Technologies (Release 1)</td>
<td>Updated unit codes.</td>
<td>Equivalent qualification</td>
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**Links**