ICT50615 Diploma of Website Development

Release 3
ICT50615 Diploma of Website Development

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. Release 3 created to making updates to the elective list.</td>
</tr>
<tr>
<td>Release 2</td>
<td>This version released with ICT Information and Communications Technology Training Package version 2.0. 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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Qualification Description

This qualification provides the skills and knowledge for an individual to design, build and manage websites as an independent web developer or as part of a team.

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 = 20

8 core units plus
12 elective units

The elective units consist of:
- up to 12 from the elective units listed below
up to 4 from elsewhere in ICT Information and Communications Technology Training Package or any other Training Package or accredited course at Diploma or Advanced Diploma level.

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

Core units

- BSBWHS501 Ensure a safe workplace
- ICTDBS504 Integrate database with a website
- ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment
- ICTICT515 Verify client business requirements
- ICTWEB501 Build a dynamic website
- ICTWEB502 Create dynamic web pages
- ICTWEB503 Create web-based programs
- ICTWEB516 Research and apply emerging web technology trends

Elective units

- BSBEBU501 Investigate and design e-business solutions
- BSBSUS401 Implement and monitor environmentally sustainable work practices
- ICTDBS415 Build a database
- ICTDBS502 Design a database
- ICTICT406 Build a graphical user interface
- ICTICT503 Validate quality and completeness of system design specifications
- ICTICT509 Gather data to identify business requirements
- ICTICT514 Identify and manage the implementation of current industry specific technologies
- ICTICT517 Match ICT needs with the strategic direction of the organisation
- ICTNWK421 Install, configure and test network security
- ICTNWK514 Model preferred system solutions
- ICTPMG501 Manage ICT projects
- ICTPRG413 Use a library or pre-existing components
- ICTPRG415 Apply skills in object-oriented design
- ICTPRG418 Apply intermediate programming skills in another language
- ICTPRG425 Use structured query language
- ICTPRG430 Apply introductory object-oriented language skills
- ICTPRG503 Debug and monitor applications
- ICTPRG504 Deploy an application to a production environment
- ICTPRG505 Build advanced user interface
- ICTPRG506 Design application architecture
- ICTPRG507 Implement security for applications
ICTPRG509 Build using rapid application development
ICTPRG512 Prepare for the build phase of an ICT system
ICTPRG513 Coordinate the build phase of an ICT system
ICTPRG515 Review developed software
ICTPRG523 Apply advanced programming skills in another language
ICTPRG527 Apply intermediate object-oriented language skills
ICTPRG531 Prepare for application development using current methods
ICTPRG532 Apply advanced object-oriented language skills
ICTPRG601 Develop advanced mobile multi-touch applications
ICTSAD501 Model data objects
ICTSAD502 Model data processes
ICTSAD506 Produce a feasibility report
ICTSAS504 Develop and conduct client acceptance test
ICTSAS505 Review and update disaster recovery and contingency plans
ICTSAS519 Perform systems tests
ICTTEN516 Produce technical solutions from business specifications
ICTWEB504 Build a document using eXtensible markup language
ICTWEB505 Develop complex web page layouts
ICTWEB506 Develop complex cascading style sheets
ICTWEB508 Develop website information architecture
ICTWEB509 Use site server tools for transaction management

Qualification Mapping Information

<table>
<thead>
<tr>
<th>Code and title</th>
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<th>Comments</th>
<th>Equivalence status</th>
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<tr>
<td>ICT50615 Diploma of Website Development (Release 2)</td>
<td>ICT50615 Diploma of Website Development (Release 1)</td>
<td>Updated unit codes.</td>
<td>Equivalent qualification</td>
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Links