Australian Government

ICT50615 Diploma of Website Development

Release 1

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

ICT50615 Diploma of Website Development

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 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
BSBSUS301 Implement and monitor environmentally sustainable work practices
ICTDBS412 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
ICTICT511 Match ICT needs with the strategic direction of the enterprise
ICTICT514 Identify and manage the implementation of current industry specific technologies
ICTNWK406 Install, configure and test network security
ICTNWK514 Model preferred system solutions
ICTPMG501 Manage ICT projects
ICTPRG406 Apply introductory object-oriented language skills
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
ICTPRG501 Apply advanced 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

ICTPRG514 Prepare for software development using rapid application development

ICTPRG515 Review developed software

ICTPRG523 Apply advanced programming skills in another language

ICTPRG527 Apply intermediate object-oriented language skills

ICTPRG601 Develop advanced mobile multi-touch applications

ICTSAD501 Model data objects

ICTSAD502 Model data processes

ICTSAD506 Produce a feasibility report

ICTSAS503 Perform systems tests

ICTSAS504 Develop and conduct client acceptance test

ICTSAS505 Review and update disaster recovery and contingency plans

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

ICTTEN5204A Produce technical solutions from business specifications

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT50615 Diploma of Website Development	ICA50611 Diploma of Website Development	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