



Australian Government

ICT40715 Certificate IV in Systems Analysis and Design

Release 2

ICT40715 Certificate IV in Systems Analysis and Design

Modification History

| Release | Comments |
|-----------|---|
| 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 the skills and knowledge for an individual to work as part of a project team to analyse and redesign existing systems to meet client business requirements.

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

7 core units plus

15 elective units

The elective units consist of:

- up to 15 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 Certificate IV or Diploma level.

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

Core units

BSBSUS401 Implement and monitor environmentally sustainable work practices

ICTICT401 Determine and confirm client business requirements

ICTICT403 Apply software development methodologies

ICTICT405 Develop detailed technical design

ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment

ICTPRG405 Automate processes

ICTSAD401 Develop and present feasibility reports

Elective units

BSBCRT401 Articulate, present and debate ideas

BSBWOR301 Organise personal work priorities and development

ICTDBS401 Identify physical database requirements

ICTDBS412 Build a database

ICTICT402 Determine project specifications and secure client agreement

ICTICT408 Create technical documentation

ICTICT411 Select and employ software and hardware testing tools

ICTICT412 Coordinate and maintain ICT work teams

ICTICT413 Relate to clients on a business level

ICTICT416 Contribute to the development of strategic plans

ICTICT417 Identify, evaluate and apply current industry specific technologies to meet industry standards

ICTPMG401 Support small scale ICT projects

ICTPRG404 Test applications

ICTPRG406 Apply introductory object-oriented language skills

ICTPRG414 Apply introductory programming skills in another language

ICTPRG415 Apply skills in object-oriented design

ICTPRG419 Analyse software requirements

ICTPRG425 Use structured query language

ICTTEN410 Locate, diagnose and rectify faults

Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|--|--|---------------------|---------------------------|
| ICT40715 Certificate IV in Systems Analysis and Design (Release 2) | ICT40715 Certificate IV in Systems Analysis and Design (Release 1) | Updated unit codes. | Equivalent qualification |

Links

Companion volumes available from the IBSA website:

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

http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=18