Australian Government

ICT40715 Certificate IV in Systems Analysis and Design

Release 1

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

ICT40715 Certificate IV in Systems Analysis and Design

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 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

BSBSUS301 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
ICTTEN4081A 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	ICA40711 Certificate IV in Systems Analysis and Design	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