
ICT summary of draft training product changes

PwC's Skills for Australia

Project 2

July 2019

Information and
Communications Technology
Getting a Job in IT

1. Introduction

The Information and Communications Technology (ICT) Industry Reference Committee (IRC) has identified significant skills gaps in the ICT Training Package, across IT qualifications and units of competency. The purpose of this project, *Getting a Job in IT*, is to update the ICT training package to reflect these industry relevant technological and soft skill needs. It will ensure IT Certificates I – IV are fit for purpose so that they best enable learners to get a job in an IT role upon completing a course.

2. About the project

Getting a Job in IT

The Case for Change for *Getting a Job in IT* was approved by the AISC in August 2018. As outlined in the Case for Change, this project was established based on the initial research and consultations with industry and interested stakeholders carried out for the Industry Skills Forecast and Proposed Schedule of Work 2018.

Getting a Job in IT aims to update IT training products at an AQF level of 1 – 4 to:

- ensure relevance and alignment with current industry-standard technologies, methodologies and ways of working (i.e. increased level of enterprise and soft skills), to reflect current job role needs of industry
- ensure sufficient flexibility to accommodate emerging technologies and learner pathways through flexible qualification design
- include new IT areas in cyber security, data analytics, cloud computing, blockchain, Agile project management, version control, and preparing for work in IT teams
- limit and reduce duplication of repetitive and outdated content in the training package

From September 2018 to June 2019, PwC's Skills for Australia conducted industry consultation to identify the required changes to training products, including individual and group consultations with employers, peak bodies, unions, registered training organisations (RTOs) and government bodies. Following ICT IRC reviews of the key findings and proposed recommendations, PwC's Skills for Australia has made changes to the draft training products to reflect the changes required by industry.

We are now publishing the draft training products for public review and invite you to provide feedback and comments on the attached documents by August 2nd 2019.

3. How to provide feedback

We want to hear from you. We will be accepting feedback on the draft training products until close of business **Friday 2nd August 2019**. We cannot guarantee that feedback received after this date will be considered.

Please provide your feedback by emailing our team at [**info@skillsforaustralia.com**](mailto:info@skillsforaustralia.com).

Feedback can be provided in the following ways:

- Providing detailed comments and tracked changes in the Word documents included in the zip file
- Providing high level feedback via email
- Contacting PwC's Skills for Australia to set up a time to discuss feedback with a member of our team.

Please note feedback will only be considered where it relates to the draft training products included in scope of this project.

4. Draft training products for review – Getting a Job in IT

Summary of total number of proposed changes for Project 2 *Getting a Job in IT*

Training package component	Number of training products
Impacted Qualifications	27
Amended Units of Competencies	149
Deleted Units of Competencies	20
New Units of Competencies	16
Imported Units of Competencies	2
New Skill Sets	1

The attached zip file contains the following draft qualifications and units of competency (UoC) for review and feedback:

ICT General - AQF I

Current Code	Current Title	New Code	New Title	Status
ICTICT101	Operate a personal computer	ICTICT109	Operate digital devices	Existing
ICTICT102	Operate word-processing applications	ICTICT110	Operate word-processing applications	Existing
ICTICT103	Use, communicate and search securely on the internet	ICTICT111	Use, interact and search securely on the internet	Existing
ICTICT104	Use digital devices	ICTICT112	Connect peripheral devices	Existing
ICTICT105	Operate spreadsheet applications	ICTICT113	Operate spreadsheet applications	Existing
ICTICT106	Operate presentation packages	ICTICT114	Operate presentation packages	Existing
ICTICT107	Use personal productivity tools	ICTICT115	Use personal productivity tools	Existing
ICTICT108	Use digital literacy skills to access the internet	ICTICT116	Access the internet using digital literacy skills	Existing

ICT General - AQF II

Current Code	Current Title	New Code	New Title	Status
ICTICT201	Use computer operating systems and hardware	ICTICT213	Use computer operating systems and hardware	Existing
ICTICT202	Work and communicate effectively in an ICT environment	BSBXTW301	Work in a team	Replaced
ICTICT203	Operate application software packages	ICTICT214	Operate application software packages	Existing
ICTICT204	Operate a digital media technology package	ICTICT215	Operate digital media technology packages	Existing
ICTICT205	Design basic organisational documents using computing packages	ICTICT216	Design and create basic organisational documents	Existing
ICTICT207	Integrate commercial computing packages	ICTICT217	Integrate commercial computing packages	Existing
ICTICT208	Operate accounting applications	ICTICT218	Operate accounting applications	Existing
ICTICT209	Interact with ICT clients	ICTICT219	Interact and resolve queries with ICT clients	Existing
ICTICT210	Operate database applications	ICTICT220	Operate database applications	Existing
ICTICT211	Identify and use basic current industry specific technologies	ICTICT221	Identify and use specific industry standard technologies	Existing
ICTICT212	Incorporate Indigenous needs and perspectives into ICT environment	ICTICT222	Research and share ICT solutions for Indigenous users	Existing

ICT General - AQF III

Current Code	Current Title	New Code	New Title	Status
ICTICT301	Create user documentation	ICTICT309	Create ICT user documentation	Existing
ICTICT305	Identify and use current industry specific technologies	ICTICT310	Identify and use industry standard specific technologies	Existing
ICTICT307	Customise packaged software applications for clients	ICTICT311	Customise packaged software applications	Existing
ICTICT308	Use advanced features of computer applications	ICTICT312	Use advanced features of computer applications	Existing

Database

Current Code	Current Title	New Code	New Title	Status
ICTDBS403	Create basic databases	ICTDBS416	Create basic relational databases	Existing
ICTDBS404	Identify and resolve common database performance problems	ICTDBS417	Identify and resolve common database performance problems	Existing
ICTDBS408	Link an RFID system to a database	NA	NA	Proposed for deletion
ICTDBS409	Monitor and administer a database	ICTDBS418	Monitor and administer databases	Existing

Qualifications Impacted in Project 2

Current Code	Current Title	New Code	New Title	Status
ICT10115	Certificate I in Information, Digital Media and Technology	ICT10120	Certificate I in Information, Digital Media and Technology	Existing
ICT20115	Certificate II in Information, Digital Media and Technology	ICT20120	Certificate II in Information, Digital Media and Technology	Existing
ICT30118	Certificate III in Information, Digital Media and Technology	ICT30120	Certificate III in Information, Digital Media and Technology	Existing
ICT40118	Certificate IV in Information Technology	ICT40120	Certificate IV in Information Technology	Existing
ICT40215	Certificate IV in Information Technology Support	ICT40220	Certificate IV in Information Technology Support	Existing
ICT40315	Certificate IV in Web-Based Technologies	ICT40320	Certificate IV in Web-Based Technologies	Existing
ICT40418	Certificate IV in Information Technology Networking	ICT40420	Certificate IV in Information Technology Networking	Existing
ICT40518	Certificate IV in Programming	ICT40520	Certificate IV in Programming	Existing
ICT40815	Certificate IV in Digital Media Technologies	ICT40820	Certificate IV in Digital Media Technologies	Existing
ICT40915	Certificate IV in Digital and Interactive Games	ICT40920	Certificate IV in Digital and Interactive Games	Existing
ICT41015	Certificate IV in Computer Systems Technology	ICT41020	Certificate IV in Computer Systems Technology	Existing
ICT41115	Certificate IV in Telecommunications Network Design	ICT41120	Certificate IV in Telecommunications Network Design	Existing
ICT41215	Certificate IV in Telecommunications Engineering Technology	ICT41220	Certificate IV in Telecommunications Engineering Technology	Existing
ICT50118	Diploma of Information Technology	ICT50120	Diploma of Information Technology	Existing
ICT50215	Diploma of Digital and Interactive Games	ICT50220	Diploma of Digital and Interactive Games	Existing
ICT50318	Diploma of Information Technology Systems Administration	ICT50320	Diploma of Information Technology Systems Administration	Existing

ICT50418	Diploma of Information Technology Networking	ICT50420	Diploma of Information Technology Networking	Existing
ICT50515	Diploma of Database Design and Development	ICT50520	Diploma of Database Design and Development	Existing
ICT50615	Diploma of Website Development	ICT50620	Diploma of Website Development	Existing
ICT50718	Diploma of Software Development	ICT50720	Diploma of Software Development	Existing
ICT50818	Diploma of Systems Analysis and Design	ICT50820	Diploma of Systems Analysis and Design	Existing
ICT50915	Diploma of Digital Media Technologies	ICT50920	Diploma of Digital Media Technologies	Existing
ICT60115	Advanced Diploma of Information Technology	ICT60120	Advanced Diploma of Information Technology	Existing
ICT60215	Advanced Diploma of Network Security	ICT60220	Advanced Diploma of Network Security	Existing
ICT60315	Advanced Diploma of Information Technology Business Analysis	ICT60320	Advanced Diploma of Information Technology Business Analysis	Existing
ICT60415	Advanced Diploma of Information Technology Project Management	ICT60420	Advanced Diploma of Information Technology Project Management	Existing
ICT60515	Advanced Diploma of Computer Systems Technology	ICT60520	Advanced Diploma of Computer Systems Technology	Existing