Information and Communications Technology Industry Training Advisory Committee
Software Products and Software Services (SW) branch
Unit of Competencies

1. Title	Establish processes to monitor the adopted architecture principles, design guidelines and resultant designs
2. Code	ITSWAR603A
3. Range	Establish processes to monitor the adopted architecture principles, design guidelines and resulting designs to ensure their fitness for the business purpose and conform to organisational vision [Architecture – Architecture Framework and Vision]
4. Level	6
5. Credit	2
6. Competency	<u>Performance Requirement</u> 6.1 Understand the adopted architecture framework in the context of the business domain and other related constraints Be able to - understand the relationship between the adopted architecture framework and its underlying assumptions, pre-requisites and other business and environmental conditions - analyse the impacts on the adopted architecture framework resulting from the changes in these conditions 6.2 Set up processes to ensure that the adopted architecture framework is fit for purpose Be able to - define the validation process, that is, the steps required to confirm that the defined architecture framework is fit for purpose in a changing environment - define who is responsible for the validation process - design the monitoring process, that is, process to perform the regular and/or event-driven validation of the architecture 6.3 Ensure that the adopted architecture framework is fit for purpose Be able to - conduct systematic reviews of the adopted architecture framework and to validate its ability in adequately addressing the business principles, business goals and strategic business drivers of the organisation - make necessary enhancements and changes to the adopted architecture framework to ensure its fitness for purpose 6.4 Set up and execute the required monitoring and confirmation processes in a professional manner Be able to set up and execute the monitoring and confirmation processes for the architecture framework in accordance with the organisation's policies and guidelines
7. Assessment Criteria	The integrated outcome requirements of this UoCs are the abilities to: (i) define and establish the necessary processes to monitor and confirm that the adopted architecture framework is fit for purpose of the organisation; (ii) execute these monitoring and confirmation processes to ensure the adopted architecture framework is evolving to meet the changing environment of the organisation; and (iii) communicate with the relevant stakeholders to obtain their support of the confirmation and monitoring processes.
Remark	