

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

1. Title	Review and make improvements to the relevant architecture development initiatives
2. Code	ITSWAR502A
3. Range	Investigate, evaluate, adopt and make improvements to the relevant architecture development initiatives, including technology architecture designs, undertaken by the IT industry [Architecture – Architecture Framework and Vision]
4. Level	5
5. Credit	2
6. Competency	<p style="text-align: right;">Performance Requirement</p> <p>6.1 Understand various architecture frameworks Be able to evaluate and apply current trends in architecture design and the mainstream technologies used to support such design frameworks and styles</p> <p>6.2 Determine and select a suitable framework Be able to</p> <ul style="list-style-type: none"> ▪ Investigate, analyse and evaluate the relative merits of different architecture frameworks ▪ select the most appropriate architecture framework taking into consideration of development trend in the industry <p>6.3 Improve the selected architecture framework Be able to modify and adapt the selected architecture framework, to improve its technology components, processes and underlying structures for maximizing benefits to the organisation</p> <p>6.4 Investigate, analyse, evaluate, adopt and make improvements to the relevant architecture development initiatives in a professional way Be able to systematically investigate, analyse, evaluate, adopt, and make improvements to the relevant architecture development initiatives while observing local (organisation or industry), national as well as international best practices and current trends in architecture design and implementation work</p>
7. Assessment Criteria	The integrated outcome requirements of this UoCs is the ability to review the adopted framework with possibly improvements being made on the relevant architecture development initiatives including the technology components to best suit the needs of the organization.
Remark	Pre-requisite: ITSWAR601A