

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

1. Title	Define and develop various architecture design building blocks (components) for an organisation	
2. Code	ITSWAR503A	
3. Range	Adopt a framework including its well-defined steps for the development of various architectural design building blocks (components) for an organization [Architecture – Architecture Framework and Vision]	
4. Level	5	
5. Credit	2	
6. Competency	<p>6.1 Understand the relationship of the architecture framework and the business requirements of the organisation</p> <p>6.2 Adopt a selected architecture framework</p> <p>6.3 Adopt suitable methods to implement the architecture</p> <p>6.4 Adopt an architecture framework professionally</p>	<p>Performance Requirement Be able to understand architecture framework so as to evaluate the suitability of the framework with respect to the business needs of the organisation</p> <p>Be able to systematically and objectively evaluate and select an appropriate architecture framework to support the IT development of the organisation</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ decompose the adopted framework into coherent building blocks to facilitate their integration ▪ identify the interfaces between these building blocks ▪ specify the functionality's of the components in each building block ▪ define suitable methodologies used to develop the building blocks and integrate them into the desired architecture <p>Be able to systematically and objectively evaluate and select an appropriate architecture framework in compliance with the organisation's policies as well as any applicable laws and regulatory requirements</p>
7. Assessment Criteria	The integrated outcome requirements of this UoCs are the abilities to systematically and objectively define and develop an architecture framework for the organization.	
Remark	Pre-requisite: ITSWAR502A	