

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

1. Title	Capture, analyse and model various viewpoints of a business architecture	
2. Code	ITSWAR606A	
3. Range	Evaluate, develop and apply appropriate tools to capture, analyse and model various viewpoints of a business architecture so as to determine whether the stakeholders' concerns have been properly addressed [Architecture – Business Architecture]	
4. Level	6	
5. Credit	5	
6. Competency		Performance Requirement
	6.1 Understand different business modelling tools and techniques	Be able to select appropriate modelling tools to capture, analyse and model various viewpoints of business architecture (See Remark 1 for examples of tools and techniques)
	6.2 Evaluate and select modelling tools	Be able to evaluate and select appropriate tools for capture, model, and analyse stakeholders' viewpoints based on selected viewpoints and the degree of sophistication
	6.3 Develop modelling tools	Be able to develop new tools that can describe the viewpoints which cannot be supported by the current, e.g. spreadsheets and macros for measuring business performance, e.g. Return On Investment, ROI
	6.4 Apply modelling tools	Be able to apply appropriate tools to capture, model and analyse the business architecture building blocks
	6.5 Model and document business architecture to meet business principles, business goals and strategic drivers	Be able to exercise professional judgment to select appropriate modelling tools in capturing, modelling and analysing stakeholders' viewpoints
7. Assessment Criteria	The integrated outcome requirements of this UoCs is the ability to correctly capture, model and analyse all stakeholders' viewpoints of a business architecture so as to ensure stakeholders' concerns have been properly addressed.	
Remark	<p>1. Examples of tools and techniques for business modelling are:</p> <ul style="list-style-type: none"> a) Activity models (e.g. UML activity diagrams, flowcharts, Business Process Management Initiative, i.e. www.bpmi.org) b) UML Use case models c) UML class models d) Organisation chart e) Data exchange matrix f) Document engineering (cde.berkeley.edu) <p>2. Pre-requisite: ITSWAR605A</p> <p>3. Co-requisites: ITSWAR504A, ITSWAR505A</p>	