

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

1. Title	Perform disaster impact assessment and mitigation	
2. Code	ITSWOS611A	
3. Range	Assess disaster impacts, and define processes and procedures to mitigate such risks in the context of IT service continuity and disaster recovery for an organization [Operations and Support – IT Service Continuity Management]	
4. Level	6	
5. Credit	3	
6. Competency	<p>6.1 Understand purposes and practices of IT service continuity and disaster recovery</p> <p>6.2 Assess disaster impacts</p> <p>6.3 Define processes and procedures to mitigate such risks</p> <p>6.4 Perform different risk mitigation measures</p> <p>6.5 Assess disaster impacts, and define processes and procedures to mitigate such risks professionally</p>	<p>Performance Requirement Be able to adopt the principles of and adapt best practices for IT service continuity and disaster recovery process for an organization</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ identify and classify the critical business functions ▪ identify and classify the different disaster scenarios that can impact the critical business processes <p>Be able to</p> <ul style="list-style-type: none"> ▪ identify risks to particular IT service components that support the mission critical business processes ▪ assess the probability that certain threat will occur, and the vulnerability of the extent an organisation will be affected by the threat ▪ assess the level of risk in terms of the associated threat and vulnerability ▪ adopt a balanced approach of risk mitigation and recovery <p>Be able to</p> <ul style="list-style-type: none"> ▪ implement a comprehensive backup and recovery process, including off-site storage ▪ eliminate single points of failure ▪ implement stringent physical security controls <p>Be able to</p> <ul style="list-style-type: none"> ▪ exercise industry best practices and adhere to standards as well as local and international standards ▪ comply with organization’s guidelines and procedures as well as any (local and international) laws and regulatory requirements, if applicable
7. Assessment Criteria	The integrated outcome requirements of this UoCs are the abilities to: (i) assess disaster impacts to business; and (ii) define processes and procedures to mitigate such risks.	
Remark	<ol style="list-style-type: none"> 1. The participant is assumed to have a comprehensive knowledge in IT and its applications. 2. This UoCs comprises both business impact assessment and process definition requirement for the IT Service Continuity Management of ITIL®. 	