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

1. Title	Develop a project quality management plan for project execution	
2. Code	ITSWPM614A	
3. Range	Develop a project quality management plan for an organization to ensure that a project will satisfy the needs for which it was undertaken [Project Management – Project Quality Management]	
4. Level	6	
5. Credit	4	
6. Competency		Performance Requirement
	6.1 Understand principles and techniques of project quality management, standard methodologies and performance metrics	Be able to plan a project quality management exercise for an organization's project
	6.2 Understand the business process analysis methodologies	Be able to have practical knowledge of business environments and requirements
	6.3 Understand project quality tools and techniques	Be able to master project quality tools and techniques for project quality planning
	6.4 Establish the quality path (road map) for the project and the project environment	Be able to articulate what and why is special about quality in the given project environment, and emulate activities to make project quality work
	6.5 Define quality review techniques and the quality review procedure	Be able to ▪ understand the fundamental principles and context of the quality and review ▪ define the involved partnerships for the review, and the deliverables ▪ explain the quality review procedure including objectives, steps in the procedure, responsibilities, the review results and the key criteria

	6.6 Conduct project quality planning	Be able to • develop project quality policies and ensure they are aligned with the organization's quality policy • utilize standard project quality tools and techniques • develop project quality metrics and performance checklists • develop a project quality management plan • evaluate project quality control, assurance, improvement issues • understand the business process analysis methodologies, business process re-engineering, and modelling of business process • evaluate business process implementations and identify areas for continuous improvements • communicate quality-related inputs of the project, the project's product, and the related effects on other project planning processes to the project's stakeholders • define and develop the quality system in particulars the quality requirements, using the given methodology approach. The plan is composed of the purpose, composition, derivation and quality criteria
	6.7 Exhibit professionalism	Be able to consider an organization's specific environment in developing a project quality plan to well suit its requirements
7. Assessment Criteria	The integrated outcome requirement of this UoCs is the ability to produce a project quality management plan documenting: (ii) quality policies; (iii) quality performance metrics; (iv) quality path for the project environment; and (v) quality review and assurance procedure.	
Remark		