

Functional Area: Product & Service Life Cycle (Development)

1. Title	Update design and development plan	
2. Code	ITCSPL412A	
3. Range	This UoC applies to the tasks, procedures and actual changes to the product design and development plan, as the last step in the entire product development phase. The revised planning will serve as the new targets for subsequent processes in the product life cycle.	
4. Level	4	
5. Credit	2	
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Possess the knowledge in the subject area</p> <ul style="list-style-type: none"> ● Fully understand the mandatory necessity to make suitable changes to the original product design and development plan, after reviewing the deviations and other vital factors accumulated during the initial stages of product development ● Fully aware about the importance of allocating sufficient and appropriate level of resources to perform this update and change task, with consideration from perspective of the entire company ● Grasp the importance of identifying areas needing changes / updates and arrange them according to the priorities for treatment ● Understand the significant impacts of the changes made at this stage to the final success / failure of the product in concern, while not overlooking the impacts to other company products as well ● Be aware of the possible methods, techniques and procedures to implement the required updates, and their relative advantages and disadvantages ● Understand the utmost necessity of recording all the changes made and disseminate to all related internal and external personnel <p>6.2 Update design and development plan</p> <p>Be able to:</p> <ul style="list-style-type: none"> ● Consolidate and properly utilise all resources and manpower required for implementing the required changes and updates at this stage ● Demonstrate the capabilities of a high quality project manager in managing this update phase, and ensure maximum contribution from all related personnel ● Implement updates to the original product design and development plan up to the required level and coverage, which may even touch upon the original product definition, test reports and prototyping, etc ● Effectively complete the update tasks within the required time-frame such that the subsequent processes in the overall product development cycle are not affected or that all the impacts are minimised ● Summarise and disseminate the changes / updates that have been done to all internal staff members and external parties such as vendors, outsourcers (if any), and even customers (if considered beneficial) ● Ensure recording of all the changes / updates made and store in an efficient manner (likely with the help of computer application software) for later access, references or further updates 	

	6.3 Exhibit professionalism <ul style="list-style-type: none"> ● Always ensure efficiency, correctness and accuracy in the process of doing the changes as planned ● Always maintain the ideas of balancing the benefits of all related parties such as the company, staff members and customers in the process
7. Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: <ol style="list-style-type: none"> i. produce an updated product design and development plan within the required time-frame and up to high quality level ii. establish the feasibility of the proposed changes and that the product / service in concern will actually be changed accordingly before entering into the next phase of the overall product life cycle
Remark	