

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

1. Title	Plan and conduct training for quality assurance (QA) activities										
2. Code	ITSWQA504A										
3. Range	Plan and conduct training for QA activities of an organization so as to assure the quality of its software products (See Remark 1 for the meaning of “software product”, See Remark 2 for examples of the QA activities) [Quality Assurance – Organizational Level QA]										
4. Level	5										
5. Credit	4										
6. Competency	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"></td> <td style="text-align: center;"><u>Performance Requirement</u></td> </tr> <tr> <td>6.1 Understand the training requirements for QA activities</td> <td> Be able to <ul style="list-style-type: none"> ▪ identify training needs such as standards, industry best practices, QA procedures and continuous professional development (CPD) to assure the quality of the software product provided by an organization ▪ identify the people involved, i.e. the trainers and the trainees </td> </tr> <tr> <td>6.2 Plan the training for QA activities</td> <td> Be able to prepare and plan QA training programs for the entire organization to <ul style="list-style-type: none"> ▪ promote their knowledge and understandings of QA ▪ enhance their skills in performing required QA activities </td> </tr> <tr> <td>6.3 Conduct training for QA activities</td> <td>Be able to conduct and assist in the required QA training programs</td> </tr> <tr> <td>6.4 Plan and conduct training for QA activities in a professional manner</td> <td> Be able to plan and conduct QA training according to <ul style="list-style-type: none"> ▪ organization’s policies and procedures ▪ industry best practices ▪ local and international standards, laws as well as regulatory requirements </td> </tr> </table>		<u>Performance Requirement</u>	6.1 Understand the training requirements for QA activities	Be able to <ul style="list-style-type: none"> ▪ identify training needs such as standards, industry best practices, QA procedures and continuous professional development (CPD) to assure the quality of the software product provided by an organization ▪ identify the people involved, i.e. the trainers and the trainees 	6.2 Plan the training for QA activities	Be able to prepare and plan QA training programs for the entire organization to <ul style="list-style-type: none"> ▪ promote their knowledge and understandings of QA ▪ enhance their skills in performing required QA activities 	6.3 Conduct training for QA activities	Be able to conduct and assist in the required QA training programs	6.4 Plan and conduct training for QA activities in a professional manner	Be able to plan and conduct QA training according to <ul style="list-style-type: none"> ▪ organization’s policies and procedures ▪ industry best practices ▪ local and international standards, laws as well as regulatory requirements
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7. Assessment Criteria	The integrated outcome UoCs requirements of this UoCs are the ability to plan and conduct QA training for an organization so as to assure the quality of its software product.										
Remark	<ol style="list-style-type: none"> 1. Within this UoCs, “software product” refers to software product, software service or software project. 2. QA activities related to the production of software products of an organization include <ol style="list-style-type: none"> a) organizational level QA activities such as software process improvement activities (e.g. capability measurements) b) product level QA activities such as traditional software QA activities (e.g. inspections) 										