

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

1. Title	Apply analytical methods and techniques in problem solving
2. Code	ITSWG605A
3. Range	Apply analytical methods and techniques in problem solving in the context of managing and leading an organisation [Generic Skills – Management and Leadership – Personal Attribute]
4. Level	6
5. Credit	6
6. Competency	<p><u>Performance Requirement</u></p> <p>6.1 Have knowledge of various analytical methods and techniques</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ understand the various analytical methods and techniques related to problem solving ▪ understand the IT tools, if any, available in relation to the various methods <p>6.2 Apply the analytical methods and techniques to problem solving</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ make use of the appropriate analytical methods and techniques to solve problems faced by the organisation ▪ make use of appropriate IT tools, if any, available to assist in the problem-solving <p>6.3 Enhance effectiveness and efficiency in problem-solving through the use of analytical methods and techniques in an organisation</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ apply the analytical methods and techniques in the most effective and efficient manner ▪ apply IT tools, if any, to assist in the problem-solving in the most effective and efficient manner ▪ manage the problem situation and demonstrate that it is under control through the use of analytical methods and techniques ▪ keep stakeholders informed on the activities and progress of problem solving
7. Assessment Criteria	The integrated outcome requirement of this UoCs is the ability to manage and control the problem solving process in the organization via proper use of analytical methods and techniques
Remark	