

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

1. Title	Manage and maintain the program source	
2. Code	ITSWDM505A	
3. Range	Manage and maintain the program source via proper version control mechanism in the context of development of software products / services within an organisation or for a client [Design, Development and Maintenance – Software Development (Programming) and Related Activities]	
4. Level	5	
5. Credit	2	
6. Competency	<p>6.1 Understand version control mechanism</p> <p>6.2 Manage program source</p> <p>6.3 Maintain program source</p> <p>6.4 Act in line with software configuration management</p>	<p><u>Performance Requirement</u> Be able to understand version control mechanism used by the organisation</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ manage the consistency of program source format ▪ manage the storage / backup of program sources <p>Be able to</p> <ul style="list-style-type: none"> ▪ maintain program source via proper version control mechanisms ▪ Standardize the numbering systems for version control within the organization <p>Be able to</p> <ul style="list-style-type: none"> ▪ appreciate the change control policy in configuration management ▪ manage and maintain program source with alignment to configuration management activities
7. Assessment Criteria	The integrated outcome requirements of this UoCs is/are the abilities to: (i) manage program source; and (ii) maintain program source via proper version control mechanism.	
Remark	Activities in this competence may intertwine with SCM1-2.	