

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

1. Title	Perform software audit
2. Code	ITSWDM404A
3. Range	Record and report the audit findings in a software audit for continuous improvement in the context of development of software products / services within an organisation or for a client [Design Development Maintenance – Software Quality Assurance]
4. Level	4
5. Credit	1
6. Competency	<p><u>Performance Requirement</u></p> <p>6.1 Understand the process of performing software audit and how to select appropriate tools for software audit</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ understand the requirements of software audit process ▪ understand the various tools available for software audit ▪ identify the selection criteria for software audit tools <p>6.2 Perform software audit, with the use of selected tools where applicable</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ use the software audit tools, if applicable, to audit the software which is licensed ▪ use the software audit tools, if applicable, to audit the setting ▪ use the software audit tools, if applicable, to audit security ▪ use the software audit tools, if applicable, to audit performance <p>6.3 Prepare software audit report</p> <p>Be able to</p> <ul style="list-style-type: none"> ▪ list the software audit results ▪ list action plans for corrective action items ▪ recommend for continuous improvement items <p>6.4 Perform software audit and record the audit findings for continuous improvement in a professional manner</p> <p>Be able to perform software audit and recommend for future improvements:</p> <ul style="list-style-type: none"> ▪ in an efficient and effective manner ▪ in accordance with industry best practices, organization’s guidelines as well as any (local and international) laws and regulatory requirements, if applicable ▪ with the agreement of stakeholders
7. Assessment Criteria	The integrated outcome requirements of this UoCs are the abilities to: (i) perform software audit; (ii) prepare software audit report; and (iii) recommend for future improvements.
Remark	