

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

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| 1. Title | Ensure availability, integrity and confidentiality of information systems |
| 2. Code | ITSWIS508A |
| 3. Range | Implement information security measures for protecting the availability, integrity and confidentiality of information systems/data in the change management process [Information Security – Information Security Management] |
| 4. Level | 5 |
| 5. Credit | 2 |
| 6. Competency | <p style="text-align: right;"><u>Performance Requirement</u></p> <p>6.1 Know how to protect the integrity and confidentiality of information systems/data in the organization Be able to understand how to keeping information accurate and from being disclosed to unauthorized parties</p> <p>6.2 Understand the process of change management Be able to ensure the proposed changes are merited and will not adversely affect other elements of the organization's planning</p> <p>6.3 Implement security measures for protecting the integrity and confidentiality of information systems/data in the change management process Be able to organise processes, install software, and set up hardware to ensure the confidentiality and integrity of data, availability of information technology resources owned by the organization and its authorized users. Security measures may include reviewing files for potential or actual policy violations and investigating security-related issues</p> <p>6.4 Ensure the organization's information security is not compromised throughout the change management process Be able to assure an organization's information security infrastructure, systems and data are not compromised throughout the change management process in the implementation of security measures</p> |
| 7. Assessment Criteria | The integrated outcome requirements of this UoCs are the abilities to: (i) ensure the integrity and confidentiality of data together with availability of information systems are not compromised throughout the change management process; and (ii) ascertain an organization's security policies are being complied with. |
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