

Specification of Competency Standards
for the Printing & Publishing Industry
Unit of Competency

Functional Area - 電子商貿

Title	Establish network security system for e-commerce in printing industry
Code	106301L5
Range	Network security is essential to a printing company engaged in e-commerce. An effective network security system ensures that all transactions are confidential and legal while protecting the interests of both buyers and sellers. In view of this, be able to assist the employing company in building and managing an effective network security system for buying and selling print products.
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Well versed in the establishment and maintenance of a network security system for e-commerce.</p> <ul style="list-style-type: none"> • Understand the applied technology for building a network security system for e-commerce. • Well versed in the laws and regulations pertaining to e-commerce, including Personal Data (Privacy) Ordinance, guidelines on online payment, software licensing regimes, etc. • Understand e-commerce risk assessment and management, including data security and backup, site risk assessment, firewall installation, preventive measures against hacking, negotiation of insurance clauses, etc. • Understand the configuration, operation and maintenance of hardware, software, and network security systems for implementing e-commerce. <p>2. With the above knowledge, be able to set up and maintain an effective network security system for e-commerce to ensure that all transactions are confidential and legal, while protecting the interests of both buyers and sellers; and provide customers with a secure electronic fund transfer system and monitor the security of the system regularly.</p> <ul style="list-style-type: none"> • Draw up e-commerce security guidelines and implement security measures such as using electronic certificates, encryption technology, etc. • Draw up a code of confidentiality for staff's compliance, such as defining the authority conferred on different ranks of staff, etc. • Establish an effective monitoring system to ensure secure e-commerce transactions. <p>3. Be able to gather information about the latest network security systems and assess their effectiveness; monitoring the safety level of network security system and its backup and restore features; and regularly upgrade the safety level of the company's e-commerce system.</p>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Be able to build and maintain an effective network security system for e-commerce; and • Be able to gather information about the latest network security systems and assess their effectiveness.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of network security system.