

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

Functional Area - 電子商貿

Title	Establish payment gateway system for e-commerce in printing industry
Code	106302L5
Range	Be able to choose an appropriate payment gateway service provider to allow the printing company and its customers to make electronic fund transfers over the internet in a secure and efficient manner.
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Well versed in the implementation and maintenance of an online electronic payment system for e-commerce.</p> <ul style="list-style-type: none"> • Understand the network security technology for implementing an e-commerce payment system. • Well versed in the laws and regulations pertaining to e-payment, such as Personal Data (Privacy) Ordinance, anti-money laundering laws, online transaction limits, etc. • Well versed in the hardware and software configurations, and the implementation, deployment and maintenance of a secure network for the e-commerce payment system. • Understand risk assessment and management regarding e-commerce payment system, including data encryption and backup, and preventive measures against hacking, etc. • Familiar with the reputation and characteristics of online payment gateway service providers in the market, including their respective market shares, efficiency in the delivery of services, security levels, and service charges, etc. <p>2. With the above knowledge, be able to choose an appropriate online payment gateway service provider to allow the company and its customers to make electronic fund transfers over the internet in a secure, efficient and straightforward manner, and regularly monitor the system to ensure secure e-commerce transactions.</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 the security of e-commerce. • Manage customer files and activity logs properly. <p>3. Be able to monitor the service performance of the chosen online payment gateway service provider.</p>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Be able to choose an appropriate payment gateway service provider to allow the company and its customers to make electronic fund transfers over the internet in a secure and efficient manner. • Be able to monitor the service performance of the chosen online payment gateway service provider. • Be able to ensure that the operation of the online payment system is in compliance with the relevant government laws and regulations, and prevent any abuse and corrupt practices.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of network security system.