

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

Functional Area - IT (Information Technology)

Title	Understand internet technology
Code	106275L4
Range	Combine internet technologies with established security systems to assist the information technology department of the printing company in providing web-to print and related services.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand web-to-print technology.</p> <ul style="list-style-type: none"> • Master the technology for building a website that accepts printing orders online, and providing a client service platform. • Understand the technology for sending and receiving files for printing over the internet. • Understand internet technology for remotely controlling printing production workflows. • Understand the technology for printing images and texts directly over the internet. • Possess knowledge relating to web-to-print services, including client data processing, operation workflows, payment, copyright, security, etc. • Understand internet password encryption technology for verifying identities of clients placing printing orders online. • Understand technology for sending encrypted printing files over the internet. • Understand the interface between internet security devices and printing systems. <p>2. With the above knowledge, be able to apply internet technologies in tandem with established security systems to support the employing company's web-to-print services.</p> <p>3. Be able to assist in the production operations of the online order transaction system, in the light of the scale of the company's web-to-print business.</p>
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> • Be able to apply internet technologies together with established security systems to support web-to-print services.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of computer and network.