

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

Functional Area - Prepress Technology

Title	Master digital prepress technology
Code	106250L4
Range	Make use of graphics and text file to produce multi-purpose digital file in addition to master colour reproduction and standardized colour digital proofing and related tasks in prepress department.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Thoroughly understand digital prepress technology</p> <ul style="list-style-type: none"> • Master the competency requirements of prepress technology in printing industry, such as computer hardware and software provision and application. • Thoroughly understand the technical requirements of digital prepress production workflow. • Apply computer operating system for updating information. • Master professional desktop publishing software and updating information of digital fonts. • Master the latest development trends for prepress technology, including computer-to-plate system, PDF/JDF system workflow, screening technology, digital colour management and digital proofing. • Understand and master colour reproduction principles, including application of color management, importance of color standardization and apply techniques for color communication. • Master output techniques for effective digital proof. • Master the production of multi-purpose image and text digital file, such as the file properties and production techniques for PDF, PDF/X, etc. • Understand the application of digital imposition and packaging software, and handle complex printing jobs. • Master the prepress production requirements of web-to-print production. <p>2. With the above knowledge, be able to produce multi-purpose digital image and text file and proof and perform related tasks.</p> <p>3. Be able to supervise subordinates inside prepress department to execute prepress production techniques for web-to-print business according to the business development of the employer company.</p>
Assessment Criteria	<p>This integrated outcome requirement for this unit of competency:</p> <ul style="list-style-type: none"> • Able to apply major digital imposition software and color management technique in production of multi-purpose digital file and digital proof and perform related tasks in accordance with digital prepress production flow.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of digital prepress technology.