

## Specification of Competency Standards for Printing & Publishing

### Unit of Competency

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> <ol style="list-style-type: none"> <li>Thoroughly understand digital prepress technology <ul style="list-style-type: none"> <li>Master the competency requirements of prepress technology in printing industry, such as computer hardware and software provision and application.</li> <li>Thoroughly understand the technical requirements of digital prepress production workflow.</li> <li>Apply computer operating system for updating information.</li> <li>Master professional desktop publishing software and updating information of digital fonts.</li> <li>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.</li> <li>Understand and master colour reproduction principles, including application of color management, importance of color standardization and apply techniques for color communication.</li> <li>Master output techniques for effective digital proof.</li> <li>Master the production of multi-purpose image and text digital file, such as the file properties and production techniques for PDF, PDF/X, etc.</li> <li>Understand the application of digital imposition and packaging software, and handle complex printing jobs.</li> <li>Master the prepress production requirements of web-to-print production.</li> </ul> </li> <li>With the above knowledge, be able to produce multi-purpose digital image and text file and proof and perform related tasks.</li> <li>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.</li> </ol>
Assessment Criteria	<p>This integrated outcome requirement for this unit of competency:</p> <ul style="list-style-type: none"> <li>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.</li> </ul>
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of digital prepress technology.