

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

Functional Area - Prepress Technology

Title	Plan digital printing workflow system
Code	106253L6
Range	Based on the characteristics of the hardware/ software available inside digital printing workflow, be able to plan a digital printing workflow system and the related tasks in order to be cost-effective and compliance to quality requirements in a printing production department.
Level	6
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Master digital printing workflow</p> <ul style="list-style-type: none"> <li>• Differentiate between conventional and digital printing workflow.</li> <li>• Master Postscript and PDF digital printing workflow.</li> <li>• Understand the application of Raster Image Processing(RIP) in printing workflow.</li> <li>• Compare the application and differences in the digital printing workflow among Computer-to-Film, Computer-to-Plate, Computer-to-Print and Computer-to-Press and digital printers, etc.</li> <li>• Understand the hardware and software modules prepress production workflow and their application in digital printing.</li> </ul> <p>2. With the above knowledge, be able to match effectively the hardware and software modules with the file output of digital printing workflow.</p> <p>3. Be able to establish digital printing workflow application for company, and plan the file input/ output standards that can match with the digital printing workflow system and hardware/ software modules.</p>
Assessment Criteria	<p>This integrated outcome requirement for this unit of competency:</p> <ul style="list-style-type: none"> <li>• Able to plan a cost effective and quality requirement compliance system according to the hardware/ software characteristics of the digital printing workflow.</li> </ul>
Remark	The credit value of this unit of competency is based on the assumption that the learner has knowledge of digital printing workflow system management.