

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

Functional Area - IT (Information Technology)

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| Title | Understand basic programming and internet publishing techniques |
| Code | 106274L3 |
| Range | Assist in creating webpages using programming and World Wide Web publishing techniques for the printing company's design or information technology department. |
| Level | 3 |
| Credit | 6 (For Reference Only) |
| Competency | <p>Performance Requirements</p> <p>1. Know the programming tools and web design software.</p> <ul style="list-style-type: none"> • Know the functions and features of major programming software. • Understand the structure and features of Hypertext Markup Language (HTML). • Understand embedded programming languages for enhancing website functionality and creating dynamic webpages. • Possess the expertise in the use of web design software and programming tools. • Able to distinguish between web design software, word processing software and graphics software. • Possess basic web design skills, including using web design software, cascade style sheets and forms, and coding in HTML5 and CSS3 (and their future iterations). <p>2. With the above knowledge, be able to use software to design simple webpages, and master the techniques of using online forms to collect client information.</p> <p>3. Properly apply programming and web publishing skills to create webpages that conform to the specifications in the web design contract and the company's requirements.</p> |
| Assessment Criteria | <p>The integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> • Be able to assist in the creation of webpages using programming and web publishing skills. |
| Remark | The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of computer operation. |