

# Specification of Competency Standards for Printing & Publishing

## Unit of Competency

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| Title               | Understand computer-to-plate (CTP) technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Code                | 106248L3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Range               | Make use of appropriate output facilities to execute computer-to-film (CTF) or computer-to-plate (CTP) and related tasks in prepress department.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Level               | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Credit              | 6 ( For Reference Only )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Competency          | <p>Performance Requirements</p> <ol style="list-style-type: none"> <li>Understand production workflow of computer-to-plate (CTP) <ul style="list-style-type: none"> <li>Understand production workflows of computer-to-film (CTF) and computer-to-plate (CTP) and their differences.</li> <li>Understand image processing technology of computer-to-plate (CTP)</li> <li>Understand machine design and plate materials of computer-to-plate (CTP)</li> <li>Master computer-to-plate (CTP) output technology, including output techniques, differences between AM and FM screening, differences between PS and PDF workflow system, and make use of appropriate techniques for output quality inspection, etc.</li> <li>Master output of digital proof.</li> <li>Know development and trend of C1P4.</li> <li>Know ISO12647 and related standards.</li> </ul> </li> <li>With the above knowledge, able to make use of appropriate output facilities and techniques to execute computer-to-plate production.</li> <li>Able to execute computer-to-plate production to meet the set requirement of company and according to ISO international standards in prepress department.</li> </ol> |
| Assessment Criteria | <p>This integrated outcome requirement for this unit of competency:</p> <ul style="list-style-type: none"> <li>Able to make use of appropriate output facilities and techniques to execute computer-to-plate and perform related tasks.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Remark              | The credit value of this unit of competency is based on the assumption that the learner has knowledge of digital file output.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |