Specification of Competency Standards
for the Manufacturing Technology Industry
Unit of Competency

Functional Area - Product Design and Development

Title	Evaluate and select computer-aided design / manufacturing (CAD/CAM) software
Code	106481L4
Range	This unit of competency is applicable to each design and development departments of Manufacturing Technology Industry. Practitioners should be capable to master the computer-aided design/ manufacturing (CAD/CAM) software in the market and apply them in the corporation
Level	4
Credit	3 （For Reference Only）
Competency	Performance Requirements 1. Relevant knowledge of computer-aided design / manufacturing (CAD/CAM) software • Understand the principle and development trend of computer-aided design / manufacturing (CAD/CAM) technologies • Understand the advantages and disadvantages of all existing and latest CAD/CAM software • Understand the using methods and operating skills of commonly used CAD / CAM software 2. Select computer-aided design / manufacturing (CAD/CAM) software • According to the corporate development and needs, select appropriate CAD/CAM software • Apply CAD / CAM software with existing engineering design process, and regularly review the effectiveness of the software 3. Professional handling of selection of computer-aided design /manufacturing (CAD/CAM) software • Ensure the applied CAD/CAM software meets the latest development of the industry
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Capable to explain the principles and range of computer-aided design manufacturing (CAD/CAM) software in the market • Capable to select and apply appropriate computer-aided design manufacturing (CAD/CAM) technologies in accordance with the needs of corporation
Remark	