Specification of Competency Standards for the Watch & Clock Industry

Unit of Competency

1. Title	Master the Conversion and Application of Two-dimension to Three-dimension Computer-aided Design(CAD)
2. Code	WCZZDN402A
3. Level	4
4. Credit	9
5. Competency	Performance Requirements 5.1 Know the differences between two-dimension and three-dimension CAD systems ♦ Know the basic concepts of two-dimension and three-dimension CAD drawings ♦ Know the differences between two-dimension and three-dimension CAD drawings ♦ Know about the conversion factors of CAD 5.2 Design timepieces with an understanding of the problems of two-dimension and three-dimension CAD ♦ Understand the limitations of two-dimension and three-dimension CAD ♦ Understand the conversion between two-dimension and three-dimension CAD ♦ Capable of using IGES to convert two-dimension and three-dimension CAD ♦ Capable of using the IGES interface
6. Range	In the CAD Department of timepiece companies, capable of designing timepiece components such as dial, case and band, except movement.
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable of mastering the skills of designing Timepiece components with two-dimension and three-dimension CAD systems; and (ii) Capable of using IGES to convert between two-dimension and three-dimension CAD.
8. Remarks	The credit value of this unit of competency is set on the presumption that the learners already have basic knowledge about computer application.