



Australian Government

CPCCV1002 Undertake a basic computer design project

Release: 2

CPCCVE1002 Undertake a basic computer design project

Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and equivalent to CPCCVE1002B Undertake a basic computer design project. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to use a computer drawing program to prepare drawings for a basic construction project from a design brief.

The unit includes production of the drawings in plan and elevation format.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of unit *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Review and prepare for computer design. | 1.1 Review design brief for a basic construction project. |
| | 1.2 Access computer and drawing program. |

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| 2 Prepare first draft design. | 2.1 Progressively enter design parameters and other information for the proposed structure into the computer software. |
| | 2.2 Modify design information in the system as anomalies and errors become apparent. |
| | 2.3 Complete first draft design. |
| 3 Finalise design. | 3.1 Review first draft design for accuracy and compliance with brief. |
| | 3.2 Finalise drawings in both plan and elevation form. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and equivalent to CPCCVE1002B Undertake a basic computer design project

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>