
Computer Aided Design for Home Modifications: Basic training for OTs

Introduction Level Course: Google SketchUp7

Description

Four hour training session for occupational therapists in the use of Google SketchUp7 software, to create diagrams for home modification recommendations. It is designed to introduce participants to the techniques and concepts associated with using Google SketchUp7. Training is provided by '*e-allied health informatics*' and conducted by Melanie Dennis (occupational therapist).

Computers are provided with the software installed. The session is completely 'hands on'. You will have practical experience creating home modification recommendations.

Learning Outcomes

Upon completing this course, participants will:

- Learn how to create professional, clear, 'to scale' diagrams
- Be able to add text to diagrams
- Know how to save different views for plan, side and elevation diagrams with measurements
- Know what logistical issues need to be considered when sharing diagrams electronically
- Will have seen how to insert a digital image as a background to show recommendations in place and to scale

Pre-requisites

Participants should have a basic understanding of using a computer in a Windows environment.

Course Content

Getting Started

- Google SketchUp7
- Choosing a template
- Common use tools/navigation
- How to create basic shapes in 3D
- Push/Pull
- Select
- Move
- Scale
- Follow me
- Tape measure
- Dimensions
- Text
- Paint bucket

Application of Google SKetchUp7 for occupational therapists

- Shortcuts and tips for creating platforms, ramps, kerbing and handrails
- Exporting and saving files for sharing
- Logistical issues of sharing electronic files
- Importing photos
- Support and training

