

From Pointcloud To Models



Introduction

In recent years, Building Information Modeling (BIM) is getting more attention, and thus, creating models for BIM applications is getting more popular as well. On top of that, a very quick and effective way of capturing reality is via laser scanning, thus creating as-built models from laser scan data (pointcloud) is the most efficient method. This course aims to provide trainees with an overview and general knowledge regarding creating models from pointcloud using a solution provided by Trimble Sketchup.

Course Details

Introduction to Sketchup

- ✓ User interface and Navigation
- ✓ Shading

Manipulating Objects

- ✓ Selecting Objects
- ✓ Moving, rotation and scaling objects
- ✓ Showing faces and edges
- ✓ Advanced Selection

Drawing in Sketchup

- ✓ Lines 2D / 3D
- ✓ Rectangles
- ✓ Circles / Polygons
- ✓ Arcs
- ✓ Eraser
- ✓ Push/pull function
- ✓ Offsets
- ✓ Follow Me tool

Measuring and Labelling

- ✓ Tape Measure tool
- ✓ Protractor
- ✓ Labels and dimensions

Introduction to Trimble Scan Essentials for Sketchup

- ✓ Importing Pointcloud to SketchUp
- ✓ Pointcloud Manipulation using in SketchUp
- ✓ Shading Pointcloud
- ✓ Using various tools to aid in creating 3D models from pointcloud

Target Audience

No prior experience needed. This course suitable for all personnel whose requires process point cloud data in their trade or occupation

Course Fee

- 2 Full Days @ S\$ 400.00 (Before GST)
- Subsidy/Grants are not applicable
- Minimum No. Of Pax (4)

Enquiry

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Training Venue



- The nearest MRT Station would be Marymount Station (Exit B)



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Singapore 577176
Tel: (65) 63545950
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APPLICATION FORM

Please Select:		FROM POINTCLOUD TO MODELS – A SKETCHUP AND UNDET SOLUTION
A) PERSONAL PARTICULARS		
Name (as in NRIC/Work Pass):		
Sex: Male / Female		
Mobile No.:	Email:	

B) EMPLOYMENT PARTICULARS	
Company's Name:	
Company's Address:	
Tel No.:	Fax No.:
Position:	

C) REGISTRATION / PAYMENT		
Course Fee	Course Fee – S\$400 (With GST, S\$436)	Applicant's Signature Date:
SPONSORED BY COMPANY**:	YES / NO	Employer's Signature Name: Date: Company Stamp:
NOTES: <ul style="list-style-type: none">Full payment must be made before commencement of course.Cheque should be made payable to "GPS Lands (Singapore) Pte Ltd"Pay now via Unique Entity No.: 199902549K		

FOR OFFICIAL USE ONLY

Commencing Date:	Course Batch #:
Cheque No.:	Amount:

****NOTE:** GPS Lands reserve the rights to cancel or postpone the Course.