

Location Map of GPS Lands Training Centre



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*Take SBS Bus 410G from Bishan Bus Interchange;
Alight at Raffles Junior College Bus Stop.

*Alternatively, the nearest MRT Station would be
Marymount Station (about 5 mins walk from MRT
Station to GPS Lands Training Centre.)

Enrolment Information:

Training Venue

No 35 Jalan Pemimpin #05-02,
Wedge Mount Industrial Building,
Singapore 577176
Tel: (65) 6354 5950
Fax: (65) 6354 5949

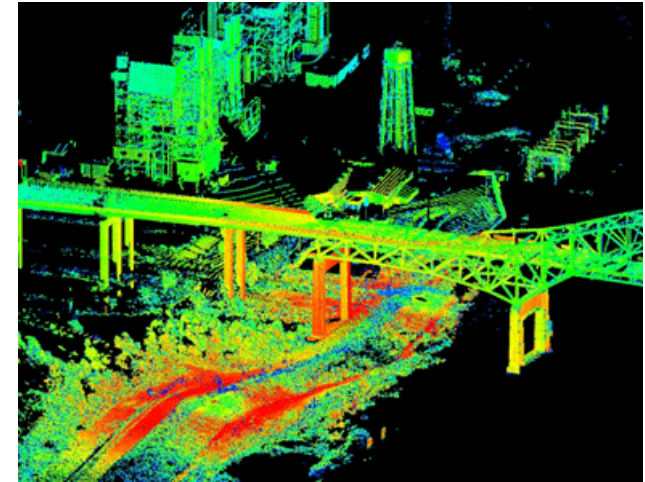


Enquiries

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From Scans to Deliverables: A Surveyor's Perspective



Conducted by:



About the Course

The course will focus on Scanning technology, data collection, processing and simple modelling, and examples of Land surveying applications. A combination of lectures and hands-on demonstrations of the hardware used as well as data processing procedures.

Benefits to You:

- Acquire a better understanding of laser scanning technologies
- Know what a point cloud is and how to manage it
- Up close and personal with a terrestrial laser scanner as well as a handheld scanner
- Witness first-hand how the scan data are processed and knowing the strengths and weaknesses of each different workflows
- Acquire possible ideas of how the scan data can be utilized to create "content-rich" deliverables

Lecture Outlines:

General Topics:

1. What is laser scanning? What are point clouds?
2. Comparing traditional data capture methods to scanning
3. Introduction to the hardware
 - Terrestrial laser scanner (Static)
 - GeoSlam (Mobile)
4. Hardware live demonstration
5. Software registration demonstration
6. Discussions of possible deliverables (with software demo)
 - Dimensions extraction
 - Floor plans and sections plans creation
 - Volume Calculation, Contours Generation
 - Feature extraction
 - Digital Terrain Models / TIN Models (Triangulations)
 - Meshing
 - Comparison to design (Change Detection)
7. Creating 3D models from point cloud
 - Fitting shapes to point cloud (Realworks)
 - Introduction of Undet for SketchUp

Course Duration:

- 4 hours session (From 2pm to 6pm)
- **Minimum No. Of Paxs (4) (On demand)**

Course Fee:

- **\$S\$350 Per Pax (\$S\$374.50 after GST)**

APPLICATION FORM

Please Select:		FROM SCANS TO DELIVERABLES: A SURVEYOR'S PERSPECTIVE
A) PERSONAL PARTICULARS		
Name (as in NRIC/Work Pass):		
NRIC/FIN No.:	Date of Birth:	Sex: Male / Female
Nationality:	Mobile No.:	
Email:		
Address (as in NRIC):		

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

C) REGISTRATION / PAYMENT		
Course Fee	Course Fee – S\$350 (After GST, S\$374.50)	Applicant's Signature
		Date:
SPONSORED BY COMPANY**: YES / NO		Employer's Signature
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" 		Name: Date: Company Stamp:

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

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