



**LEMBAGA JURUKUR TANAH  
MALAYSIA**  
(LAND SURVEYORS BOARD)

[Ditubuhkan di bawah Akta Jurukur Tanah Berlesen, 1958 (Disemak 1991) - Akta 458]

RUJUKAN TUAN:

RUJUKAN KAMI: **LJT 70 Pt.40/(57)**

(SILA NYATAKAN RUJUKAN SURAT KAMI APABILA BERHUBUNG)

ARAS 5 - 7 WISMA LJT  
LORONG PERAK  
PUSAT BANDAR MELAWATI  
53100 KUALA LUMPUR  
No. Telefon: 03-41085191  
No. Faksimili: 03-41085178  
e-mail: secretary@ljt.org.my  
laman web: www.ljt.org.my

**2** Oktober 2023  
**16** RabiulAwal 1445H

***Semua Jurukur Tanah Berlesen***

YBhg. Datuk/Dato'/Tuan/Puan

**KURSUS KOMPUTER 'CDS' (I) & (II)**

Dengan hormatnya merujuk kepada perkara tersebut di atas.

2. Sukacita dimaklumkan bahawa kursus tersebut akan diadakan pada ketetapan berikut.

| Bil | Kursus          | Tarikh                                       |
|-----|-----------------|--|
| 1   | Kursus CDS (1)  | 27/11/2023 - 29/11/2023<br>(Isnin - Rabu)    |
| 2   | Kursus CDS (II) | 30/11/2023 - 01/12/2023<br>(Khamis - Jumaat) |

3. Untuk makluman, permohonan untuk menghadiri kursus CDS (II) hanyalah layak kepada peserta yang telah menghadiri kursus (CDS I) sahaja. **Penyertaan kursus ini adalah terhad kepada 14 peserta** sahaja bagi setiap kursus berdasarkan pendaftaran terawal yang diterima oleh Lembaga.

4. Sehubungan dengan itu, bersama-sama ini dilampirkan borang permohonan menyertai kursus tersebut untuk tindakan pihak YBhg. Datuk/Dato'/Tuan/Puan selanjutnya. Borang permohonan yang lengkap diisi perlu dikembalikan kepada Lembaga **selewat-lewatnya pada 10 November 2023** beserta dengan yuran pendaftaran (atas nama Lembaga Jurukur Tanah) sebanyak **RM150.00** seorang.
5. **Sebarang kos bagi menghadiri kursus ini adalah di bawah tanggungan sendiri.**

Sekian, terima kasih.

**"MALAYSIA MADANI"**

**"BERKHIDMAT UNTUK NEGARA"**

Saya yang menjalankan amanah,



**(Sr MOHD RIDUAN BIN MOHAMAD@IDRIS)**

Timbalan Setiausaha

Lembaga Jurukur Tanah

Malaysia

b.p. Setiausaha dan Ketua Pegawai Eksekutif

Lembaga Jurukur Tanah

Malaysia

**LEMBAGA JURUKUR TANAH  
MALAYSIA**

**CDS COURSE I  
(COMPUTER-AIDED DETAIL &  
CONTOURING COURSE)**

**VENUE :**  
BILIK SEMINAR  
ARAS 6, WISMA LJT  
LORONG PERAK  
PUSAT BANDAR MELAWATI  
53100 KUALA LUMPUR

**DATE :**  
(Monday - Wednesday)  
**27/11/2023 - 29/11/2023**

**TIME:**  
8.30 am - 4.30 pm

**Participants**

Technicians working in Licensed  
Land Surveyors offices.

**Experience**

SPM with basic Land Surveying or Survey  
Drafting knowledge and Computer Literate.

**Lecturers**

Lecturers from VCAL System & Services.

**Facilities**

Hardware and Software will be available  
for use during the training session.

**Number of Participants**

Maximum of 8 participants  
per session.

**Registration Fee**

**RM 150.00** for each candidate.  
Transport, food and lodging will  
not be provided.

**Closing Date**

**10/11/2023**

**Enquiry**

All enquiries to be addressed to :-

***Setiausaha***

***Lembaga Jurukur Tanah  
Aras 5-7, Wisma LJT  
Lorong Perak  
Pusat Bandar Melawati  
53100 Kuala Lumpur***

***Tel : 03-41085191***

**Note :**

- (i) All applications will be considered  
on first come first served basis.
- (ii) All Trainees for Course II  
must have completed Course I.

### Introduction

This training course is to teach Trainees the basic knowledge to operate the **Computer Aided Topo Surveying Software** and is suitable for those who have basic land surveying or drafting knowledge and preferably computer literate with a pass in the SPM examination.

### Course Objective

Understand Details Survey & Contour

### Course Contents

- 1) Introduction to CDS Software
- 2) Understand CDS Database
- 3) Understand CDS Strings
- 4) Details Survey
- 5) Electronic Data Entry/Editing

- 6) Understand Feature Coding
- 7) Understand Code Library
- 8) Creation of Details Strings, Insert Symbols
- 9) Application of Details Strings (i.e Breaklines) to Contouring
- 10) Contouring
- 11) Understand of Contour Surface Parameters
- 12) Application of Breaklines to Ground Modeling
- 13) Edit of Ground Model by Boundary Method
- 14) Generation of Contour
- 15) Smoothing of Contour Lines
- 16) Export Points, Strings and Contour Lines to DWG

### REGISTRATION FORM - COURSE I

*Please Register :  
(all fields are compulsory)*

**NAME** : .....

**ADDRESS :** .....  
**(OFFICE)** .....  
.....  
.....

**TELEPHONE (O) :** .....

**FAX** : .....

**E-MAIL** : .....

**COMPANY NAME:** .....

**DESIGNATION IN COMPANY :** .....

**DATE OF COMMENCEMENT IN COMPANY:** .....

BAYARAN ADALAH DALAM RINGGIT MALAYSIA (RM).

**Bayar melalui JomPAY**



**Billar Code:** 2105  
**Ref-1:** <No. HP>  
**Ref-2:** CDS1 <NAMA>

Peringatan: Sila email ke [rozaina.ms@ljt.org.my](mailto:rozaina.ms@ljt.org.my) atau hubungi **Seksyen Hal Ehwal Juruukur Tanah** ditalian **03-41085191** setelah bayaran dibuat. Bayaran yang telah didepositkan tetapi tidak dapat dikenal pasti pengirimnya akan dihantar ke Wang Tidak Dituntut, Jabatan Akauntan Negara.

**LEMBAGA JURUKUR TANAH  
MALAYSIA**

**CDS COURSE II  
(COMPUTER-AIDED PROFILES &  
SECTIONS COURSE)**

**VENUE :**  
BILIK SEMINAR  
ARAS 6, WISMA LJT  
LORONG PERAK  
PUSAT BANDAR MELAWATI  
53100 KUALA LUMPUR

**DATE :**  
(Thursday - Friday)  
**30/11/2023 - 01/12/2023**

**TIME:**  
8.30 am - 4.30 pm

**Participants**

Technicians working in Licensed  
Land Surveyors offices.

**Experience**

SPM with basic Land Surveying or Survey  
Drafting knowledge and Computer Literate.

**Lecturers**

Lecturers from VCAL System & Services.

**Facilities**

Hardware and Software will be available  
for use during the training session.

**Number of Participants**

Maximum of 8 participants  
per session.

**Registration Fee**

**RM 150.00** for each candidate.  
Transport, food and lodging will  
not be provided.

**Closing Date**

**10/11/2023**

**Enquiry**

All enquiries to be addressed to :-

***Setiausaha***

***Lembaga Jurukur Tanah  
Aras 5-7, Wisma LJT  
Lorong Perak  
Pusat Bandar Melawati  
53100 Kuala Lumpur***

***Tel : 03-41085191***

**Note :**

- (i) All applications will be considered  
on first come first served basis.
- (ii) Attended Course I is a prerequisite  
to attending Course II.

## Introduction

This training course is to teach Trainees more detailed applications of the **Computer Aided Topo Surveying Software** and is suitable for those who have basic land surveying or drafting knowledge and preferably computer literate with a pass in the SPM examination.

## Course Objective

Understand Profiles and Sections & Sections Cuts & Fills Earthwork Computation

## Course Contents

- 1) Natural Sections
- 2) Understand Reduced Level Sheet Data Entry/Editing
- 3) Display Sections from Database
- 4) Understand Sections Plotting Parameters
- 5) Create Cross Sectional Plans From Database
- 6) Export Natural Sectional Plan to DWG format
- 7) Natural Profiles
- 8) Display Profiles from Database
- 9) Understand Profiles Plotting Parameters
- 10) Contouring
- 11) Understand of Contour Surface Parameters
- 12) Create Profiles Plan from Database
- 13) Volume from Natural Sections
- 14) Understand Sectional Volume Setup Parameters
- 15) Calculate Natural Sectional Volume
- 16) Interpolation of Profiles & Sections from Digital Terrain Model (DTM)
- 17) Understand Centre Line/Baseline/Alignment
- 18) Understand Interpolation Setup Parameters
- 19) Interpolation of Profiles & Sections from Ground Model
- 20) Display the Natural Sections & Profiles from DTM

## REGISTRATION FORM - COURSE II

*Please Register :  
(all fields are compulsory)*

NAME : .....

ADDRESS : .....  
(OFFICE) .....

TELEPHONE (O) : .....

FAX : .....

E-MAIL : .....

COMPANY NAME: .....

DESIGNATION IN COMPANY : .....

DATE OF COMMENCEMENT IN COMPANY: .....

BAYARAN ADALAH DALAM RINGGIT MALAYSIA (RM).

**Bayar melalui JomPAY**



**Biller Code:** 2105  
**Ref-1:**<No. HP>  
**Ref-2:** CDS2 <NAMA>

Peringatan: Sila email ke [rozaina.ms@ljt.org.my](mailto:rozaina.ms@ljt.org.my) atau hubungi **Seksyen Hal Ehwal Juruukur Tanah** ditalian **03-41085191** setelah bayaran dibuat. Bayaran yang telah didepositkan tetapi tidak dapat dikenal pasti pengirimnya akan dihantar ke Wang Tidak Dituntut, Jabatan Akauntan Negara.