

**KURSUS ANJURAN
PERSATUAN JURUKUR TANAH BERTAULIAH MALAYSIA (PEJUTA)
DIKENDALIKAN OLEH GEOSPATIAL SCIENCE AND TECHNOLOGY COLLEGE**

KURSUS CTPD / S1	OIL AND GAS SAFETY PASSPORT
TARIKH KURSUS	23 Jan 2019 (Rabu)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	1D
TEMPAT	GSTC Campus
YURAN	RM 100.00
OBJEKTIF	•
<p>Course Outline:</p> <p>Day 1: Upon completion of this program, the participants will be able to:</p> <ol style="list-style-type: none"> i. Change the mindset of workers toward safety-first attitude, which is to elevate safety and health at the workplace to the same level as other business functions in the industry, and to practice it at the highest standard possible. ii. Provide the basic training for contractor's workers on the recognition of the hazards and risks present in the oil and gas industry, and the precautionary and control measures necessary to ensure safe and healthy working conditions and minimize accidents at the workplace. The training also provides the necessary knowledge on laws affecting safety and health at the workplace, specifically the Occupational Safety and Health Act 1994 and its Regulations. <p>Topics:</p> <ol style="list-style-type: none"> 1. OGSP Introduction Module 2. Legal Requirements in OSH 3. Causation and Prevention of Incidents 4. Common Hazards, Activities in the Oil and Gas Industry and their Control Measures 	
METHODOLOGY	Syarah dan Peperiksaan Teori
FACILITATOR	NIOSH

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KURSUS CTPD / S2	NIOSH TENAGA SAFETY PASSPORT
TARIKH KURSUS	18 Feb 2019 (Isnin)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	1D
TEMPAT	GSTC Campus
YURAN	RM 100.00
OBJEKTIF	•
<p>Course Outline:</p> <p>Day 1: Upon completion this program, the participants will be able to:</p> <ol style="list-style-type: none"> i. Cultivate the safety-first attitude, which is to elevate safety and health at the workplace to the same level as other business functions in the industry and to practice it at the highest standard possible. ii. Provide basic OSH training necessary for contractors' workers on the recognition of the hazards and risks present in the electric utilities industry, and the precautionary and control measures necessary to ensure safe and health working conditions, hence minimizing accidents at the workplace. The training also provides the necessary knowledge on legislation related to the safety and health at the workplace, specifically the Occupational Safety and Health Act 1994 and its Regulations. <p>Topics:</p> <ol style="list-style-type: none"> 1. Related OSH legislation 2. Causation and prevention of occupational accidents and diseases 3. Hazards and risk at the workplace 4. Preventive and protective measures 	
METHODOLOGY	Syarah dan Peperiksaan Teori
FACILITATOR	NIOSH

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KURSUS CTPD / S3	NIOSH TENAGA SAFETY PASSPORT & EXPRESSWAY OPERATIONS SAFETY PASSPORT
TARIKH KURSUS	20 - 21 Feb 2019 (Rabu - Khamis)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	2D
TEMPAT	GSTC Campus
YURAN	RM 200.00
OBJEKTIF	•
<p>Course Outline:</p> <p>Day 1: Upon completion this program, the participants will be able to:</p> <ol style="list-style-type: none"> i. Cultivate the safety-first attitude, which is to elevate safety and health at the workplace to the same level as other business functions in the industry and to practice it at the highest standard possible. ii. Provide basic OSH training necessary for contractors' workers on the recognition of the hazards and risks present in the electric utilities industry, and the precautionary and control measures necessary to ensure safe and health working conditions, hence minimizing accidents at the workplace. The training also provides the necessary knowledge on legislation related to the safety and health at the workplace, specifically the Occupational Safety and Health Act 1994 and its Regulations. <p>Topics:</p> <ol style="list-style-type: none"> 1. Related OSH legislation 2. Causation and prevention of occupational accidents and diseases 3. Hazards and risk at the workplace 4. Preventive and protective measures <p>Day 2: At the end of the course, the participant will be able to:</p> <ol style="list-style-type: none"> i. Describe the HSE legislation pertaining to the workplace ii. Elaborate the incident prevention and risk management; and iii. Describe all specific critical works involving expressway activities. <p>Topics:</p> <ol style="list-style-type: none"> 1. General OSH 2. Traffic Management 3. Critical Activities 4. Emergency Response 	
METHODOLOGY	Syarahan dan Peperiksaan Teori
FACILITATOR	NIOSH

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KURSUS CTPD / S4	AKTA PENGURUSAN STRATA & PROCESSING OF STRATA XML
TARIKH KURSUS	18 - 20 Mac 2019 (Isnin - Rabu)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	3D
TEMPAT	GSTC Campus
YURAN	RM 300.00
OBJEKTIF	•
Course Outline:	
Day 1	
<ol style="list-style-type: none"> 1. Pengenalan Akta Hakmilik Strata 1985 <ol style="list-style-type: none"> a) Intipati Akta Hakmilik Strata 1985 (Pindaan 2013) 2. Hakmilik Strata Serentak Dengan Pemilikan Kosong <ol style="list-style-type: none"> a) Akta Pengurusan Strata 2013-Sek 6 b) Jadual H, Peraturan-Peraturan Pemajuan Perumahan (Kawalan Dan Pelesenan) Akta 118 c) Akta Hakmilik Strata 1985 (Pindaan 2013) d) Mekanisma Permohonan 3. Jadual Petak <ol style="list-style-type: none"> a) Keperluan Jadual Petak b) Pembangunan Yang Wajib Fail Jadual Petak c) Penyediaan Pelan Jadual Petak d) Permohonan SiFUS 4. Pengiraan Unit Share <ol style="list-style-type: none"> a) Pemahaman formula unit syer b) Hands-on** pengiraan unit syer dengan template excel PTG c) Strata XML 5. Permohonan Sijil Pelan Cadangan Strata (CPSP) <ol style="list-style-type: none"> a) Permohonan Wajib Dibawah Sek.8 AHS b) Prosidur Permohonan Dan Semakan Permohonan CPSP c) Penyediaan Pelan Cadangan Strata d) Sistem Penomboran Bangunan, Tingkat Bangunan, Petak Bangunan, Petak Tanah Dan Petak Aksesori e) Penentuan Sempadanan Petak Bangunan Dan Taksir Cirri-Ciri Binaan Kekal f) Strata XML 6. Pembangunan Berfasa <ol style="list-style-type: none"> a) Permohonan berwajib dibawah sek. 20 AHS b) Prosidur permohonan dan semakan permohonan CPSP 7. Permohonan pecah bahagi bangunan. <ol style="list-style-type: none"> a) Permohonan Pecah Bahagi Bangunan b) Penyediaan Pelan Akui Strata c) Pecahan dan Penyatuan Petak Bangunan 8. Harta Bersama terhad & Sub-MC <ol style="list-style-type: none"> a) Harta bersama terhad b) Penyediaan Pelan Khas c) Permohonan Sub-MC 	

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9. Strata XML
 - a) Skema XML
 - b) Penggunaan XML Validator
10. Pindaan Akta strata

Day 2

Strata XML: Why?

1. Strata XML: Theory & concepts
2. Strata XML: Schema
3. Strata XML: offline validation
4. Validation of Strata XML File (Schema check)
5. Strata data Submission: JUPEM2U/Strata job Information/Files attachment/ JUPEM Preliminary Check
6. JUPEM Strata Checking Module: Overview of Module/Checking Criteria
7. Strata XML: Checking & Computation
8. Featurize Strata Entities - Parcels - Accessories - common Areas - Land Parcels
9. Checking for fail Featurizing errors
10. Strata Attribute Input - Kod Kegunaan Bangunan - Kod Kegunaan Petak - Accessories Type - Common Area Type - Copy/Paste Attributes Method
11. Introduction on Strata XML software

Group A

12. Strata XML: SiFUS output in Excel file/Strata XML Report File (Borang 1, Borang 10, etc)
13. Strata XML file
14. Checking XML using XMLPad
15. Checking XML using XML reader
16. Data Preparation (DXF file) using sample file - Layering - Formatting
17. Data preparation (DXF file) using own file.

Group B

12. Introduction to TSExml.lsp system and GenXML system
13. Preparation works for strata plans
14. Folders for storing data
15. Naming of data files
16. Extracting data from strata plans
17. Display extracted data
18. Generating XML file from the extracted data
19. Validating XML file

Day 3

20. Practical Session with LS own file.
21. Digital signing bagi dokumen CPSP, Cadangan Pelan Strata (CPS) dan Pelan Akui Strata (PAB).

*** Peserta perlu membawa Komputer riba masing-masing Penentuan Sempadanan Petak Bangunan dan Takrif Cirri-Ciri Binaan Kekal

METHODOLOGY	Syarahan dan Latihan Amali
FACILITATOR	JUPEM, MAPINFO, LANDSOFT, SURCOMP SOFTWARE, SIMPLE ADVANTAGE

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KURSUS CTPD / S5	PROCESSING OF GPR DATA
TARIKH KURSUS	8 - 11 Julai 2019 (Isnin - Khamis)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	4D
TEMPAT	GSTC Campus
YURAN	RM 400.00
OBJEKTIF	
Course Outline:	
<ol style="list-style-type: none"> 1. Basic principles and theory of GPR 2. GPR Signal Processing 3. 2D and 3D imaging and interpretation in GPR Slice 4. Survey grid setup, instrumentation, group work and consultation 5. Group presentation 	
METHODOLOGY	Syarahan dan Peperiksaan Teori
FACILITATOR	Ir Dr Wallace WL Lai Department of Land Survey and Geo-Informatics of Hong Kong Polytechnic University

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KURSUS CTPD / S6	NIOSH TENAGA SAFETY PASSPORT
TARIKH KURSUS	1 April 2019 (Isnin)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	1D
TEMPAT	GSTC Campus
YURAN	RM 100.00
OBJEKTIF	•
<p>Course Outline:</p> <p>Day 1: Upon completion this program, the participants will be able to:</p> <ul style="list-style-type: none"> iii. Cultivate the safety-first attitude, which is to elevate safety and health at the workplace to the same level as other business functions in the industry and to practice it at the highest standard possible. iv. Provide basic OSH training necessary for contractors' workers on the recognition of the hazards and risks present in the electric utilities industry, and the precautionary and control measures necessary to ensure safe and health working conditions, hence minimizing accidents at the workplace. The training also provides the necessary knowledge on legislation related to the safety and health at the workplace, specifically the Occupational Safety and Health Act 1994 and its Regulations. <p>Topics:</p> <ol style="list-style-type: none"> 1. Related OSH legislation 2. Causation and prevention of occupational accidents and diseases 3. Hazards and risk at the workplace 4. Preventive and protective measures 	
METHODOLOGY	Syarah dan Peperiksaan Teori
FACILITATOR	NIOSH

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KURSUS CTPD / S7	ARTICLE PEOPLE: REPORT WRITING
TARIKH KURSUS	3 - 4 April 2019 (Rabu - Khamis)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	2D
TEMPAT	GSTC Campus
YURAN	RM 200.00
OBJEKTIF	•
<p>Course Outline:</p> <ol style="list-style-type: none"> 1. Writing a report: The Dos & Don'ts 2. Report Writing Standard <ol style="list-style-type: none"> 2.1 Tittle survey report <ul style="list-style-type: none"> - Sub-division - Mix development - Amalgamation for agriculture land 2.2 Engineering survey report 2.3 Hydrography report 2.4 Photogrammetry report 2.5 Town planning report <p style="text-align: right;"><i>*** tertakluk kepada perubahan</i></p>	
METHODOLOGY	Syarahan dan Penulisan Laporan
FACILITATOR	TBA

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KURSUS CTPD / S8	TERRESTRIAL LASER SCANNING FOR BUILDING INFORMATION MODELLING & STRATA SURVEY
TARIKH KURSUS	8 - 10 April 2019 (Isnin - Rabu)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	3D
TEMPAT	GSTC Campus
YURAN	RM 300.00
OBJEKTIF	•
<p>Course Outline:</p> <p>Day 1: Kuliah by Universiti Teknologi Malaysia (UTM) i. Introduction to Building Information Modelling (BIM) ii. Introduction to Strata Survey iii. Introduction to Terrestrial Laser Scanning and Its Application</p> <p>Day 2: Kuliah by: i. Bandwork GPS Solutions ii. Geodelta Systems iii. GPS Lands iv. Topcon Instrument v. Global-trak Systems</p> <p>Day 3: Hand on activity with: i. Bandwork GPS Solutions ii. Geodelta Systems iii. GPS Lands iv. Topcon Instrument v. Global-trak Systems</p> <p>Dialogue with Mr Chan Keat Lim (JUPEM)</p>	
METHODOLOGY	Syarahan dan Peperiksaan Teori
FACILITATOR	UTM Bandwork GPS Solutions Geodelta Systems GPS Lands Topcon Instrument Global-trak Systems

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KURSUS CTPD / S9	PROCESSING OF GPR DATA
TARIKH KURSUS	17 - 20 Jun 2019 (Isnin - Khamis)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	4D
TEMPAT	GSTC Campus
YURAN	RM 400.00
OBJEKTIF	•
Course Outline:	
<ul style="list-style-type: none"> 6. Basic principles and theory of GPR 7. GPR Signal Processing 8. 2D and 3D imaging and interpretation in GPR Slice 9. Survey grid setup, instrumentation, group work and consultation 10. Group presentation 	
METHODOLOGY	Syarahan dan Peperiksaan Teori
FACILITATOR	Ir Dr Wallace WL Lai Department of Land Survey and Geo-Informatics of Hong Kong Polytechnic University

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KURSUS CTPD / S10	PREPARATION OF SPECIAL PLAN AND PREPARATION OF AS-BUILT PLAN
TARIKH KURSUS	1 - 3 Julai 2019 (Isnin - Rabu)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	3D
TEMPAT	GSTC Campus
YURAN	RM 300.00
OBJEKTIF	•
Course Outline:	
<ul style="list-style-type: none"> • Introduction; • What is building plan, • What is as built plan; • Understanding important terminology in strata titles act 1985 (STA) & strata management act 2013 (SMA) relating to strata management of mixed development • What is special plan • Penyediaan pelan khas untuk harta bersama terhad • Field survey ; • Process of preparation as-built plan and application of CPSP • Konsep pernyediaan pelan • Process of Certification by local authorities 	
METHODOLOGY	Syarahan, Latihan
FACILITATOR	JUPEM Sr Logisvaran a/l Munaindy

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KURSUS CTPD / S11	UAV DATA PROCESSING, DIGITAL MAPPING AND LiDAR
TARIKH KURSUS	24 - 26 Julai 2019 (Rabu - Jumaat)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	3D
TEMPAT	GSTC Campus
YURAN	RM 300.00
OBJEKTIF	<ul style="list-style-type: none"> • Teori dan konsep UAV and LiDAR • Melatih dan memberi kemahiran kepada kakitangan JTB mengendalikan alatan UAV/LiDAR dan memproses data.
<p>Course Outline:</p> <p>Participants should be able to:</p> <ol style="list-style-type: none"> 1. Understand fundamental of the UAV theory. 2. Know the latest applications in UAV. 3. Have a basic knowledge how to calibrate UAV Camera. 4. Collect the data using UAV. 5. Process the data obtained from UAV using standard software 6. Able to produce output from UAV applications such as Orthophoto (UAV) and etc. <p>Topics for LiDAR:</p> <ol style="list-style-type: none"> 1. Intorduction of LiDAR 2. Permit application 3. Groud Control Point 4. Airbone LiDAR acquisition 5. Airborne LiDAR post-processing 	
METHODOLOGY	Syarahan, Latihan Amali di Padang
FACILITATOR	UTM

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KURSUS CTPD / S12	LEADERSHIP & COASHING SKILLS FOR PROJECT MANAGER & SENIOR EXECUTIVE
TARIKH KURSUS	26 - 27 Ogos 2019 (Isnin - Selasa)
SYARAT PENYERTAAN	Kakitangan JTB & Jurukur Tanah Berlesen
TEMPOH KURSUS	2D
TEMPAT	GSTC Campus
YURAN	RM 200.00
OBJEKTIF	•
Course Outline:	
<p>Day 1 Introduction - Why Licensed Land Surveyor needs Management skills Management in the 21st Century Business and Strategic Management Developing Business strategy - skill Practice Skills Practice -Management Games</p> <p>Day 2 Leadership Skills Problem Solving and Decision Making Discussion - Current Business Issues (LS Firms Issues)</p>	
METHODOLOGY	Syarahan dan Peperiksaan Teori
FACILITATOR	DR NIK ABDULLAH BIN AWANG GLC Business Consultant