



**WORKING
WEEK 2025**



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THE NATIONAL GEOSPATIAL CONFERENCE



Brisbane, Australia 6-10 April

Presented at the FIG Working Week 2025,
6-10 April 2025 in Brisbane, Australia

BECOMING A LICENSED LAND SURVEYOR IN MALAYSIA :

SHAFIEQ ZIKRI SHAMSUL NIZAM

ASSOCIATION OF AUTHORISED LAND SURVEYORS MALAYSIA (PEJUTA)



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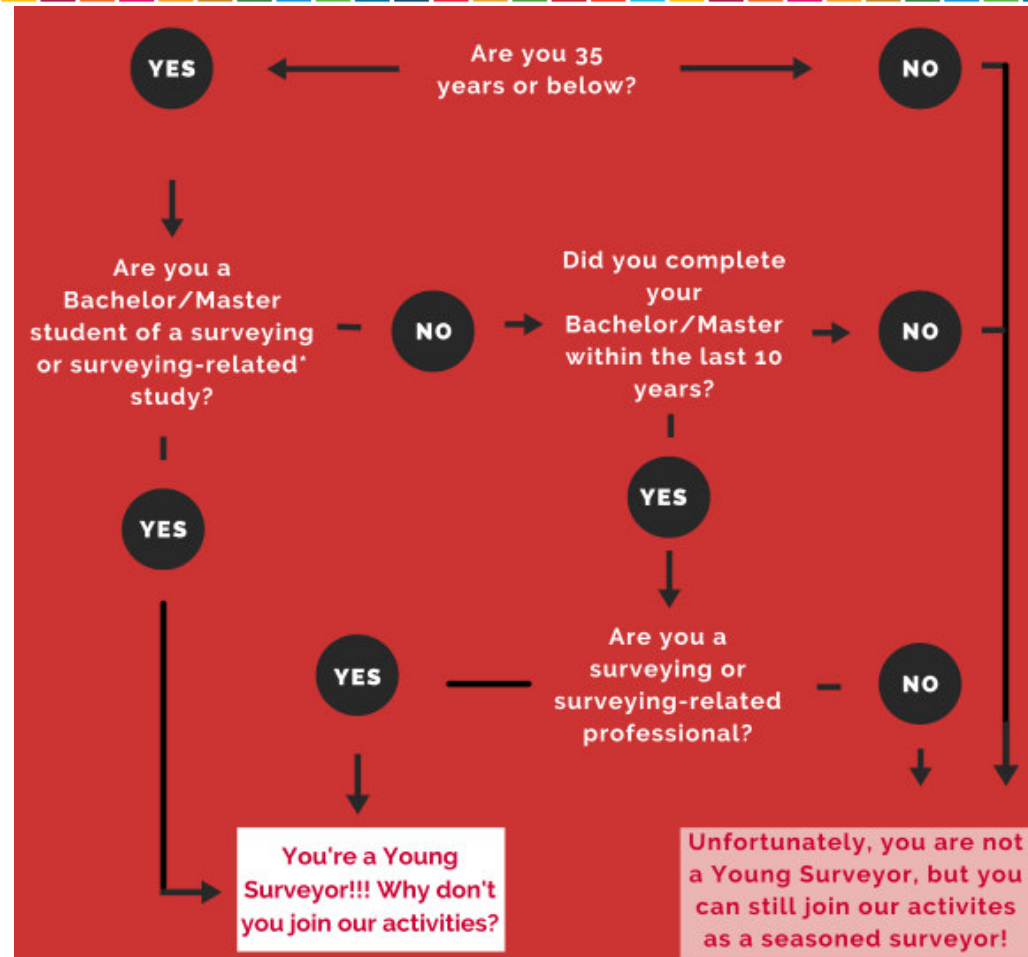
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International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure

ARE YOU A YOUNG SURVEYOR?



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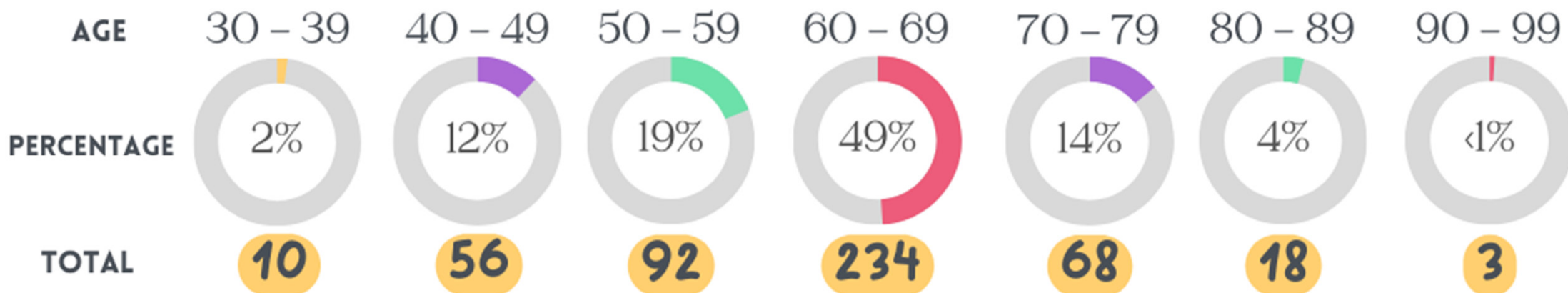
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STATISTICS ON THE AVERAGE AGE OF LICENSED LAND SURVEYORS IN MALAYSIA



**86% OF LICENSED LAND SURVEYORS
AGED 50 YEARS AND ABOVE**



Image Source: Universiti Teknologi Malaysia (UTM)

As of now, only 73 Article Persons
actively progressing to become **Licensed
Land Surveyors.**

Those who have submitted a report, even for a single project

LICENSED LAND SURVEYORS REGULATIONS 2011 (LLSR2011)

PART I **CADASTRAL PRACTICE (EXAMINATION)**

PART II **SUBMISSION OF PRACTICAL TASKS**

PART III **PRACTICAL AND ORAL EXAMINATION**

A person who has passed Part I and has been registered as an Article Person for two years shall be eligible for Part II

LICENSED LAND SURVEYORS (AMENDMENT) REGULATIONS 2024

PART I **SUBMISSION OF PRACTICAL TASKS
OR ATTENDING COURSES**

PART II **WRITTEN EXAMINATION IN CADASTRAL AND
GEOMATICS SURVEY**

PART III **ORAL EXAMINATION**

An articulated person who has completed at least two years of his Articles shall be eligible for Part II

BECOMING A LICENSED LAND SURVEYOR IN MALAYSIA QUALIFICATION

MALAYSIA

- Universiti Teknologi Malaysia**
 - Bachelor of Survey (Land)
 - Bachelor of Engineering (Geomatics)
- Universiti Teknologi MARA (UiTM)**
 - Advanced Diploma in Land Surveying
 - Bachelor of Surveying Science and Geomatics (Honours)
- Universiti Geomatika Malaysia**
 - Bachelor of Science (Hons) Geomatic and Land Surveying (after 13 July 2022)

AUSTRALIA

- University of Queensland (before January 2024)**
 - Bachelor of Surveying
- University of New South Wales**
 - Bachelor of Surveying
- University of Melbourne**
 - Bachelor of Surveying
 - Bachelor of Geomatics
 - Bachelor of Geomatics/Bachelor of Science (Computer Science)
 - Bachelor of Geomatics/Bachelor of Science (Environmental Science)
- Royal Melbourne Institute of Technology**
 - Bachelor of Applied Science (Land Surveying) (before January 2024)
- Western Australia Institute of Technology**
 - Bachelor of Applied Science (Land Surveying) (before January 2024)
- Curtin University of Technology**
 - Bachelor of Surveying
- University of South Australia (before January 2024)**
 - Bachelor of Surveying
 - Bachelor of Geoinformatics and Surveying
 - Bachelor of Applied Science in Surveying
- South Australia Institute of Technology**
 - Bachelor of Applied Science in Surveying (before January 2024)
- University of Tasmania**
 - Bachelor of Surveying (before November 2016)
 - Bachelor of Geomatics (before November 2021)
- University of Newcastle**
 - Bachelor of Engineering (Honours) Surveying (before October 2020)

CANADA

- University of New Brunswick**
 - B. Sc. in Engineering (Surveying Engineering) (before January 2024)
 - B. Sc. in Engineering (Geomatics Engineering)

NEW ZEALAND

- University of Otago**
 - Bachelor of Surveying (before October 1990 and after December 2002 until December 2023)

UNITED KINGDOM

- University of Newcastle-upon-Tyne**
 - B. Sc. Surveying Science (Honours) (before January 2014)
 - B. Sc. Surveying and Mapping Science (Honours) (before January 2019)
 - Bachelor of Engineering (Hons) in Geospatial Surveying and Mapping (before January 2024)
- North East London Polytechnic**
 - B. Sc. in Land Surveying Sciences
- University of East London**
 - B. Sc. Surveying and Mapping Sciences
- University of Glasgow**
 - B. Sc. in Topographic Science (Senior Honours) (before January 2024)
- Associate of the Royal Institute of Chartered Surveyors (before January 1984)**

HONG KONG

- Hong Kong Polytechnic University**
 - B. Sc (Hons) In Land Surveying and Geoinformatics (after April 2019)

**REGISTER
ARTICLE PERSON**



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PART II : SUBMISSION OF PRATICAL TASKS (LLSR2011)

TITLE SURVEY PROJECT

1.

subdivision or alienation of lots for building (residential, commercial or industrial or a combination of thereof)

2.

subdivision of lot or lots for building (residential, commercial or industrial or a combination thereof)

3.

agricultural land comprising of three or more contiguous lots whose combined area is not less than seven hectares

4.

TOPOGRAPHIC MAPPING SURVEY

A large scale topographic mapping of an area not less than ten hectares.

5.

ENGINEERING SURVEY

road survey of not less than one kilometer in length

6.

SUBDIVISION LAYOUT DESIGN

A scheme of any type of development of approximately four hectares in area

7.

PHOTOGRAMMETRIC

A large scale (1: 10,000 scale or larger) photogrammetric mapping

8.

HYDROGRAPHIC

A medium scale (1: 5,000 scale or larger) bathymetric survey of not less than twenty five hectares of a coastal are

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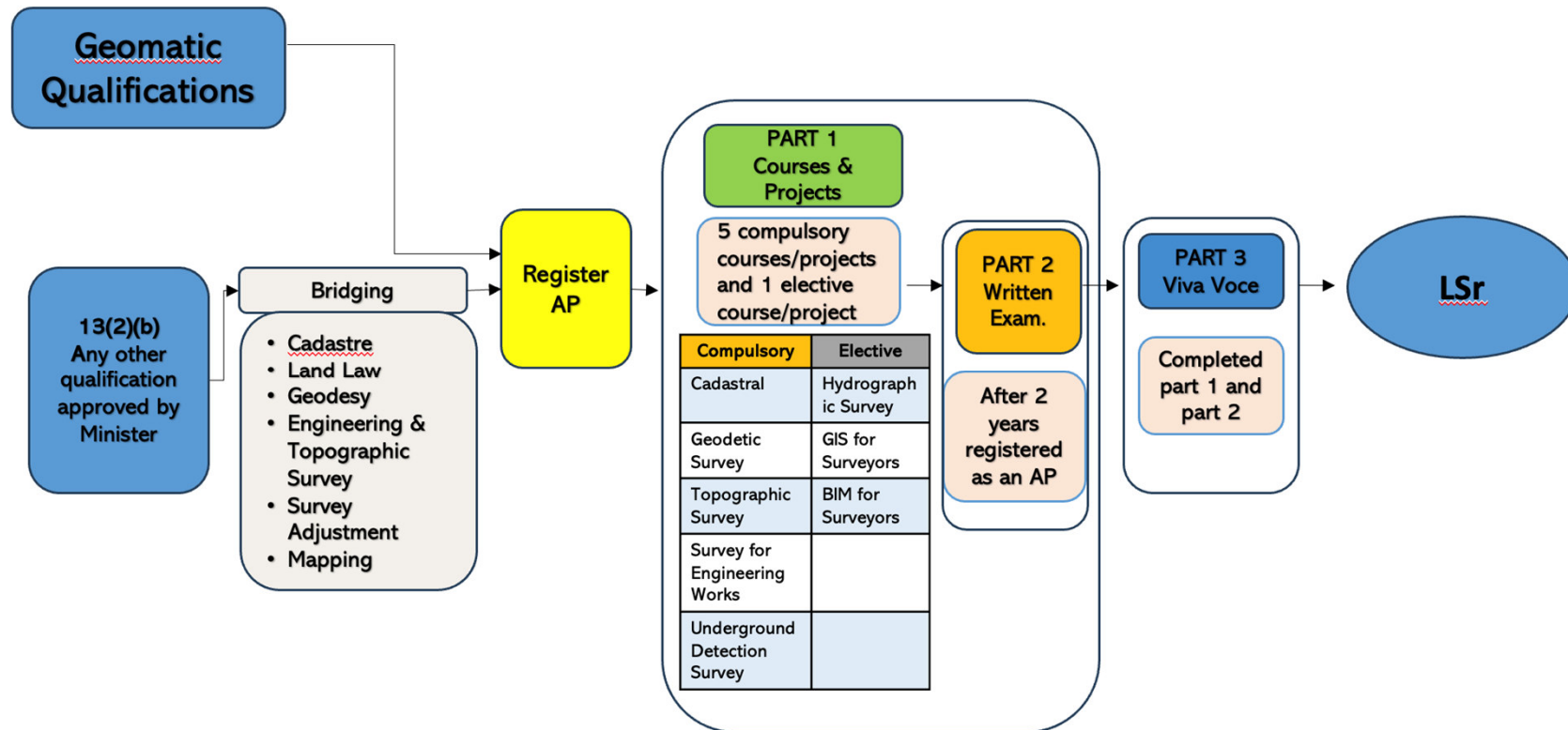
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CIRCULAR BOARD OF SURVEYORS BIL 1/2025

COMPULSARY

1. **TITLE SURVEY**

Subdivision or alienation of lots for building (residential and commercial) industrial, agricultural or a combination of thereof.

Strata title comprising of not less than 20 parcels including accessory parcels and common property, involving the subdivision of a building or land.

2. **GEODETIC MAPPING SURVEY**

Establishing a primary or secondary geodetic control network. This control network will be utilized for surveying or mapping works where the effect of the Earth's curvature must be considered, such as for long alignments (highways, railways, rivers), extensive areas, or a combination thereof.

3. **TOPOGRAPHIC MAPPING SURVEY**

A large-scale topographic surveying and mapping project not less than ten (10) hectares.

4. **ENGINEERING SURVEY**

Engineering survey projects for highways, railways, pipelines, waterways, or power transmission lines involving a project alignment of not less than one (1) kilometre.

5. **UNDERGROUND DETECTION SURVEY**

An alignment of not less than five hundred (500) meters.

OR
ATTENDING COURSE

CIRCULAR BOARD OF SURVEYORS BIL 1/2025 **ELECTIVE**

1. **HYDROGRAPHY SURVEY**

Subdivision or alienation of lots for building (residential and commercial) industrial, agricultural or a combination of thereof.

2. **GIS**

The primary focus is on developing a database that aligns with user needs analysis in the implementation of a Geographic Information System (GIS). The project area covers no less than five (5) square kilometres.

3. **BIM**

The project involves the measurement and modelling of both the exterior and interior of a building, as well as the topography of its surrounding area. It includes a single-story building with one (1) internal compartment or any other suitable man-made structure.

OR
ATTENDING COURSE



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LLSR2011

Compulsory

title survey	subdivision or alienation	1
	subdivision of lot or lots for building	2
	agricultural land comprising of three or more contiguous lots	3
topographical mapping survey		4
engineering survey		5
subdivisional layout design		6
Elective		
photogrammetric mapping		7
hydrographic survey		8

LLSR2024 (AMENDMENT)

Compulsory	Elective
Cadastral	Hydrographic Survey
Geodetic Survey	GIS
Topographic Survey	BIM
Survey for Engineering Works	OR ATTENDING COURSE
Underground Detection Survey	

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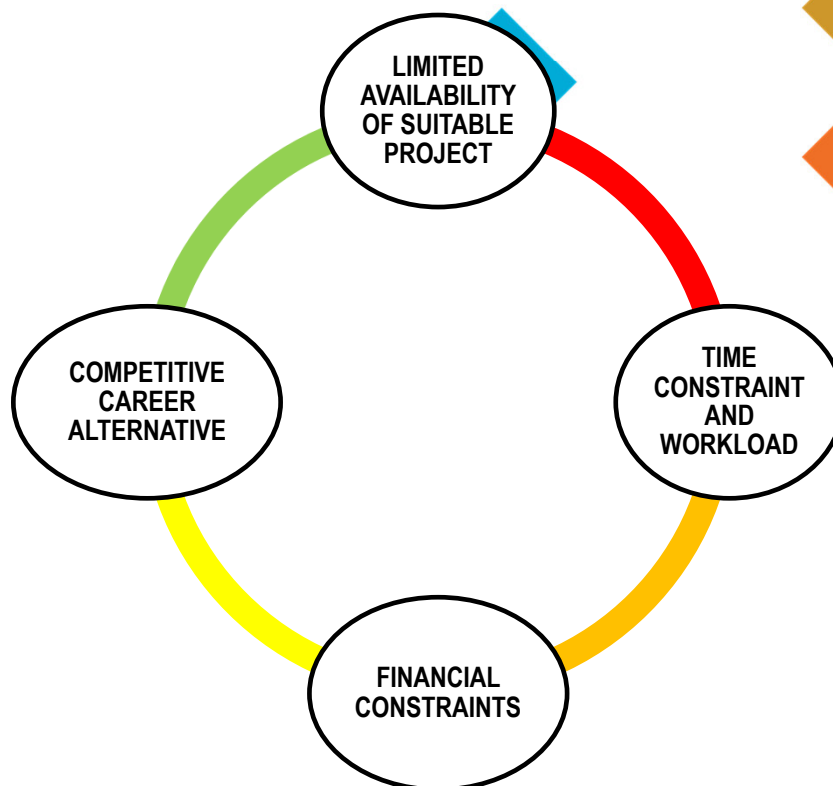
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CHALLENGES :





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***“A YOUNG SURVEYOR CAN'T GROW
WITHOUT GUIDANCE FROM
EXPERIENCED SURVEYORS”***

***“THE MOST ADVANCED INNOVATIONS AND
TECHNOLOGIES IN SURVEYING CAN'T
PRODUCE THE BEST RESULTS/DATA
WITHOUT SKILLFUL AND
KNOWLEDGEABLE SURVEYORS”***

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**TERIMA KASIH
THANK YOU**

Email : shafieq.pejuta@gmail.com



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RECOMMENDATION



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STEP 1: SELECT HERE THE THREE MOST RELEVANT SDGs
STEP 2: COPY THE SDG INTO PREVIOUS SLIDE



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LEMBAGA JURUKUR TANAH
SEMANJUNG MALAYSIA

Bil: LSE 6 Pt.2/27

Semua Jurukur Berlesen,
Tuan,

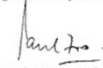
Pekeliling L.J.T. No.2 Tahun 1978
Articleship

At present there are graduates and pupils of Land Surveying who are now serving articleships under Licensed Land Surveyors. In the Form of Indentures of Articles of Pupilage signed by both the Licensed Land Surveyor and the Articled Pupil, it is stated that the Licensed Land Surveyor or his authorised representative will to the best of his skill and knowledge teach and instruct the Pupil in all manner of field surveying. The Licensed Land Surveyors concerned are therefore reminded of their obligation to impart such knowledge to the Pupils under them and to ensure that the service under them shall include sufficient time spent on title surveys in urban as well as in rural areas.

2. The Board consider it very important that all articled pupils spend sufficient time on title surveys and would like to emphasise that if the Board is of the opinion that a Pupil has not received sufficient training in the profession of surveying during the period of his articleship, it may require the Pupil to obtain such additional training as it deems necessary.

3. The Licensed Land Surveyors concerned are also reminded to submit to the Secretary on or before the first day of September in each year a certificate of experience in the form of the First Schedule of the Licensed Land Surveyors Regulations 1959. Section 13(5) of the Regulation refers.

Saya yang menurut perintah,


(DATO' PAUL FOO)
Pengerusi,
Lembaga Jurukur Tanah,
Semenanjung Malaysia.

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