

REGISTRATION FORM

I wish to attend the “**Structural Geology & Streographic Projection in Understanding Rock Slope Stability**” from 10 - 12 September 2025.

Name:

I/C No:

Date of Birth:

IQM Membership No (if any):

Company Name:

Address:

.....

Position Held:

Telephone: Fax:

Email:

Enclosed is Cheque / Bank Draft / Money Order

No..... for RM..... payable to

“**Institute of Quarrying Malaysia Bhd**”

Online transaction can be made to:

A/C No: 014187 208342 Maybank

(kindly email bank transaction advise)

Payment by cheque can be mailed to:

INSTITUTE OF QUARRYING MALAYSIA BHD

No. 23, Jalan Utama 1/7,

Taman Perindustrian Puchong Utama (Puchong Perdana),

Seksyen 1, 47100 Puchong, Selangor DE, Malaysia.

Tel: 03-8062 4194/5 Fax: 03-8061 8258

Date: Signature & Chop

(Please photocopy the Registration Form if required)

GENERAL INFORMATION

A. Registration Fee

Early Bird
(before 29/08/2025)

Member	: RM 1300	RM 1100
Non-Member	: RM 1550	RM 1350
Government Officers	: RM 1300	RM 1100

HRD CORP CLAIMABLE COURSE

This is inclusive of course materials, morning and afternoon tea, lunch and transport for site visit.

B. Course Size

Participation is limited to not more than 30 persons and will be based on first-come first-served basis.

C. Accommodation

You may arrange your accommodation with the following hotels in Bukit Mertajam:

1) OYO 510 Sri Indar Hotel	010-4011393
2) Wesley Hotel	04-2998888
3) Iconic Hotel Penang	04-5059988

D. Cancellation

A deduction of 50% of the Registration Fee will be made being handling charges for cancellation after confirmation by phone or facsimile. No refund shall be made for cancellation after the closing date of the course. A substitute is accepted.

E. Closing Date

The closing date for registration is 29 August 2025.

For further information, contact: the IQM Secretariat

Tel: 03-8062 4194/5 Fax: 03-8061 8258

Website: www.iqm.com.my Email: admin@iqm.com.my

NOTE: Cheque enclosed with the Registration Form does not necessarily mean that you have been automatically accepted until official confirmation by the Institute of Quarrying Malaysia Bhd.

IQM Continuous Professional Development Programme

HRD CORP CLAIMABLE COURSE



Structural Geology & Streographic Projection in Understanding Rock Slope Stability

CPD HRS: 16

Course Date: 10 - 12 September 2025

Organised by:



Supported by:



DEPARTMENT OF MINERALS & GEOSCIENCE MALAYSIA

To be held at:

FYS MARKETING SDN BHD

2519, MK 17, Jalan Berapit,

14000 Bukit Mertajam, Penang.



INTRODUCTION

In the quarrying and mining operation the basic knowledge of structural geology is important. It is a branch of geology that deals with form, arrangement and internal structure of rocks, especially with the description, representation and analysis of structures chiefly on a moderate to small scale.

The knowledge is useful in understanding the behaviour of rock structures in the rock slope as exposed during quarrying for rock products and mining for minerals.

The course will cover the general geological structures that occur in various types of rocks. There are some kind of general information from the standard topographical maps produced by the Mineral and Geoscience Department. However, the structural information in the map is minimal, since there were constraints in preparing them due to thick forest and vegetation. The quarries or the mines operators, while operating will see more details and with the basic knowledge of structural geology may add more structural information on their own maps.



WHO SHOULD ATTEND

The main purpose of the course is to give some knowledge on structural geology in its application to quarries and mines. So anybody in the quarrying or mining industry who is interested in knowing or understanding more about their own quarries/mines is recommended to attend this course. The knowledge may at least add more vision and understanding and be able to avoid unwanted mishap while operating by taking appropriate action in maintenance of the slope or even to take advantage of the situation in planning its activities.

Its importance is demonstrated in most geomechanics textbooks, when it comes to understanding the rock structures in quarries and mines.

TRAINING METHODOLOGY

This is 2 1/2 days course, consists of 1 1/2 days of theory and class exercises, 1/2 day practical at the quarry face and 1/2 day discussion on case studies and interpretation of results. All participants will do field mapping of dip and strike at the rock structures.

It shall begin with a power point lecture on structural geology and stereography in assessing slope stability for common slope failure.

Followed by class exercises of construction of great circles and poles of rock structures. This is the critical part, where understanding of the usage of stereonet is very important. After the stereographic class exercise, the participants would at least be confident enough to use the actual data from the Quarry and make some interpretation out of it.

KEY SPEAKERS

IR DR MIOR TERMIZI MOHD YUSOF

He is a mining engineer and use to work as the Inspector of Mines at Department of Mines. Later joined USM Penang as a Lecturer. He left USM Penang to join a gold mining company as the General Manager and currently a consultant, which is in whole having a working experience of more than 35 years. He also holds a PhD in Geotechnical Engineering from USM Penang and MSc in Geomechanics from Camborne School of Mines, University of Exeter, UK.

