

REGISTRATION FEE

PARTICIPANT	FEE
Local	RM 30,000.00
International	USD 15,000

**Excluding accommodation, living expenses, and VISA application (for international candidate)*



Registration Form

PROGRAM CAPACITY

The number of participants is limited to 12 candidates only.

**If the required number of participants is not met, the program may need to be rescheduled for a later date*

CONTACT US

Sr Ts. Dr. Muhammad Imzan Hassan
Manager of UTM HYDRO I Programme
(Category "B")
Tel: +60197512313
Email: imzan@utm.my

Assoc. Prof. Sr Dr. Ami Hassan Md Din
Chairman of Steering Committee for
Malaysia FIG/IHO/ICA Hydrography
Programme
Tel: +60137975476
Email: amihassan@utm.my

Faculty of Built Environment & Surveying,
Universiti Teknologi Malaysia, 81310 Johor
Bahru, Johor, Malaysia
Fax: +6075566163

ACCOMMODATION

In-House Scholar's Inn, UTM
Tel: +6075535197
Fax: +6075536619
www.utm.my/scholars-inn

Residential College Unit
Tel: +6075532549
Email: asrama@utm.my

Pulau Springs Resort, Skudai
Tel: +6075212121
Fax: +6075211818
www.pulaisprings.com

Impiana Hotel Senai
Tel: +07-595 8899
<https://www.impianasenai.com>



UTM HYDROGRAPHIC SURVEYING I PROGRAMME (UTM HYDRO I)

FIG / IHO / ICA CATEGORY "B"

8 JUNE 2026 – JANUARY 2027



ORGANISED BY

Photo Laser Grammetry Sdn. Bhd.
Faculty of Built Environment and Surveying
Universiti Teknologi Malaysia
Johor Bahru, Johor, MALAYSIA

OVERVIEW

Since 1995, UTM has been granted by the International Federation of Surveyors (FIG), International Hydrographic Organisation (IHO) and International Cartographic Association (ICA) to conduct UTM Hydrographic Surveying I Programme (UTM HYDRO I) FIG/ IHO/ ICA Category B for training the hydrographic surveyors. To date, 213 hydrographic surveyors with Category B qualification have been certified.

AIM OF THE PROGRAMME

The aim of this programme is to produce Hydrographic Surveyors that fulfill the Standards of Competence according to the S-5B Standards of the International Hydrographic Organisation (IHO). In order to achieve the Standards of Competence, this programme will provide the participants with knowledge, understanding, and experience in performing real hydrographic survey works.

IMPLEMENTATION

The programme has been designed to be delivered continuously for minimum 25 weeks and involved 750 hours lectures, lab exercises, and examinations and 4 weeks field survey project.

ENTRY REQUIREMENTS

The following is the minimum entry qualification required for this programme:

Diploma in Land Surveying or Geomatics Engineering, or Civil Engineering, or other related fields.

OR

Three (3) years working experience in the field of hydrographic surveying “[to nominate at least one (1) professional preferences]” and required to complete a Two-Day Short Course in Basic Mathematics prior to admission.

LIST OF SUBJECTS

- MA1 - Mathematics
- CP1 - Computer Programming
- PT1 - Physics Theory
- PA1 - Applied Physics
- RM1 - Marine Meteorology
- GE1 - Geodesy
- GS1 - Geodetic Surveys
- ES1 - Hydrographic Positioning
- TL1 - Tides: Theory & Practice
- RS1 - Remote Sensing
- HS1 - Hydrographic Surveys
- HI1 - Hydrographic Information
- OS1 - Dynamic Oceanography & Sedimentology
- HP1 - Port & Coastal Engineering
- SN1 - Seamanship & Navigation
- LS1 - Law of the Sea
- FS1 - Hydrographic Field Survey Project

METHODOLOGY

The methods of instruction are theoretical and practical lectures. The lectures comprehend two modes of programme:

Basic Subjects

Basic knowledge of the subject, normally not permitting the students to apply it in actual hydrographic work, except in the simplest of cases or under close supervision.

Essential Subjects

Knowledge of the subject as far as theory and principles are concerned, sufficient to enable their application in practice in all normal hydrographic surveying tasks as well as thorough knowledge of the subject in all aspects to enable its application in real hydrographic activities.