



**UTI**

U. of Technology & Information 科技及資訊學院  
Utility Training Institute 管綫學院  
Universal Training Institute 綜合學院  
All are the trade names of UTI (International) Ltd.

Address: Suite 209, 2/F., Favor Industrial Centre,  
2-6 Kin Hong Street, Kwai Chung, NT  
Tel: 2690 3899 Fax: 2618 4500  
Website: [www.uti.hk](http://www.uti.hk)  
Email: [training@uti.hk](mailto:training@uti.hk)

## Water Leakage Detection (WLD) Surveys for Operators, Surveyors, Engineers & Project Managers

漏水測量(適合操作員、測量師、工程師及工程經理等)

**Eligible for Application for HKIUS Membership**  
**UTI has Over 500 students since launching at 2001**

(\* Meeting the competence level (Operative) of HKIUS requirements on WLD discipline)

Course Type	Date
<b>Professional Certificate Course – 達資課程 (10 Days)</b> - indoor training (35 hrs) + Practical, report & exam (49 hrs) <b>[ Total: 84 CPD hours ]</b>	<b>Please refer to website for update news !</b>
<b>Refreshment / Foundation Certificate Course – 重溫課程 (1 Day)</b> - indoor training + examination <b>[ Total: 7 CPD hours ]</b>	

1 day – 7 hours  
10 days – 84 hours

### Introduction

Water Leakage Detection will not be a new subject to many of those working on engineering works. However, who can conduct the survey, how effective is the survey and how accurate can the detection be expected is something difficult to judge.

To tackle the issues, UTI is pleased to provide a 5 days training course for operators, Engineers, Surveyors and Project Managers working or will be working in utility related works for their better understand of the issues.

### Course Objectives:

The course is designed to provide operators, engineers, surveyors & project managers in the construction related industries and facilities management services with essential theoretical and practical knowledge in Underground Water Leakage Detection to meet the increasing demand for high volume and quality works for preventive maintenance, design and new works.

Upon completion of the Course, students should be able to:

- have full understanding of role of water leakage detection specialist, rules of and methods
- prepare site raw data and report of WLD surveys
- asset management systems using IDMS

### Who should attend:

Operators, Engineers, Surveyors and Project Managers in consultants, contractors, government bodies in works related to utilities.

UTI has been providing trainings to participants include those from government departments, consultants, contractors, surveyors, utility specialists, etc.



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## Course Contents:

### Lectures

- Hong Kong's situation in utility survey industry
- Introduction of utility systems in Hong Kong
- Role of WLD specialist
- Rules of and methods for WLD
- Potential areas of dispute
- Safety at work for confined space environment
- How to conduct QA/QC check

### Hands-on Practice

- Operation of WLD tools and equipment including LNC, ELD/MLD/Noise logger

### About the Instructors

**Ir Dr. King WONG**, FHKIUS, RPUS, FIIUS, FIMechE, FCIWEM, CEng, FHKIE, R.P.E, RSO, FHKIHT, CFIOSH, FBCS, FCIWEM, Accredited mediator

King has over 20 years experiences working with underground utilities inspection, Surveying and Mapping using CCTV, PCL, LNC, GPR, Gas Leak Detector, etc and data management by GIS.

King was a visiting lecturer for utility survey and management, project management and infrastructure management at the Hong Kong Polytechnic University, Open University and The University of Hong Kong.

**Mr. Daniel H.L. KUNG**, MHKIUS, R.P.E.M., MHKIIIE, COPE, RMWC

Mr. Kung has over 20 years experiences working with underground utilities inspection, Surveying and Mapping using CCTV, GPR, Pipe and Cable Locating, infra-red and radar scanning, manhole survey and different types of water leakage detection.

**Mr. C.M. SIU**, OMHKIUS

Mr. Siu has over 16 years experiences working with underground utilities inspection in various type of surveying and mapping including CCTV, Pipe and Cable Locating, Manhole, Flow Study, GPR Survey etc. He is also a competent person under Electricity Supply Lines (Protection) Regulation, Cap406H and F&IU (Confined Space) Regulation, Cap59.

**Mr. W.F. WONG**, OMHKIUS

Mr. Wong has over 19 years experiences working with underground utilities inspection in various type of surveys including CCTV, Pipe and Cable Locators, ELD, LNC and Mechanical Listening Device (MLD) for Leakage Detection etc. He is also a competent person under Electricity Supply Lines (Protection) Regulation, Cap406H and F&IU (Confined Space) Regulation, Cap59.



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**Mr. Samuel P.L. CHEUNG**, OMHKIUS

Mr. Cheung has over 10 years experiences working with underground utilities inspection in various type of surveys including CCTV, WLD, Coating Defect Survey (CDS), Intensive Ultrasonic Testing (IUT), Stray Current and Utility Survey and Flow Survey etc. He is also a competent person under Electricity Supply Lines (Protection) Regulation, Cap406H and F&IU (Confined Space) Regulation, Cap59.

**Mr. H.L. HUI**, OMHKIUS

Mr. Hui has over 10 years experiences working with underground utilities inspection in various type of surveys including CCTV, Pipe and Cable Locators, GRP, Flow Survey, Mechanical Listening Device (MLD) and LNC for Leakage Detection etc. He is also a competent person under Electricity Supply Lines (Protection) Regulation, Cap406H and F&IU (Confined Space) Regulation, Cap59.

### **Course Fee**

**Professional Certificate:** **HK\$12,000 per student** (10 % discount for a group of 4 or above)  
Course participants will be awarded with an Attainment Certificate with validity of 3 years if pass the examination.

**Foundation Course:** **HK\$2,500 per student**  
Course participants will be awarded with an Attendance Certificate if pass the examination.

**Refreshment Course:** **HK\$1,500 per student**  
Course participants will be awarded with a renewed Attainment Certificate (for Refreshment) with validity of 3 years, or Certificate of Attendance for Foundation Certificate if pass the examination.

### **Course Requirement**

Student who wish to apply for the course should posses F.5 or above qualification and is now working in the utility-related industry.

### **Registration**

Please send the **APPLICATION FORM** and cheque (payable to **UTI (International) Limited** to Unit 209, 2/F., Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, NT.

### **For enquiry**

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