

**Conduit Condition Evaluation,  
 Manhole/CCTV & ME internal condition  
 courses for CCTV Operators, Engineers,  
 Surveyor & Project Managers**

管道評價 (適合管道測評閉路電視操作  
 員、工程師、測量師及經理等)

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

(\* Meeting the competence level (Operative) of HKIUS requirements on CCTV 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 Course – 重溫課程 (1 Day)</b> - indoor training + examination <b>[ Total: 7 CPD hours ]</b>	

10 days – 84 hours

**Introduction**

UTI is having full experiences with over 18 years in provision of professional training course since 2000 which has been held with around 100 courses for CCTV & Manhole Internal Condition Survey (MHICS). We are also invited by Government Departments and provide training to their staffs during the past years.

Due to the increasing need for high quality works for the underground drains/sewers inspection with CCTV Inspection system and IDMS Manhole Survey System, **UTI** is keeping to have new courses as shown in the schedule on the website [www.uti.hk](http://www.uti.hk) or HKIUS website [www.hkius.org.hk](http://www.hkius.org.hk) which is designed for Operators, Surveyors, Engineers & Managers for their understanding on both written and practical knowledge. In addition, Managers/Clients' Representatives will be benefited from the course in improving the work quality and standard.

**Course Details**

- ✘ To deliver training program titled, "Conduit Evaluation" to technical field operators, Surveyors, Engineers and Project Managers.
- ✘ To provide students with Participant's Manual/Workbook with Workplace Checklists.
- ✘ To provide students with a competency based learning experience rather than purely lecture based.
- ✘ To provide flexibility within the training program to allow students time to address issues that are important to them.
- ✘ To assess students against learning outcomes and competency standards to ensure equity amongst students.
- ✘ To provide the necessary evaluation data on courseware and expectations.
- ✘ To award Statement of Attainment to successful students together with a Report of Assessment.
- ✘ Issue of supplementary course material to candidates.
- ✘ Post-course evaluations.

**Things to be covered**

Conduit Condition Evaluation	IDMS Manhole Internal Condition Evaluation
✓ Role of Conduit Condition Evaluation Specialists	✓ Role of Manhole Condition Evaluation Specialist
✓ Rules of sewer condition classification (based on SRM, MSCC and HKCCEC2009)	✓ Rules of Manhole Condition Evaluation
✓ Key features of various categories of pipe sewer survey	✓ Codes for Manhole Condition Evaluation
✓ On site practice on operation &	✓ Works in Confined Space Environment
✓ How to recognize and code from tape	✓ On Site practice on operation &
◆ Service condition of pipe sewers	✓ How to conduct QA/QC Check
◆ Construction features of pipe sewers	✓ Potential areas of dispute

## Good points of having a Standard Coding System

- ✓ Only one set of standard code used
  - Describe sewer conditions in the same manner
  - People received proper training can retrieve the information easily
- ✓ Convenience for work
  - Codes shorter than sentence
  - Simple to use

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

## 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., MHKIE, 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.

**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.

**Refreshment Course: HK\$1,500 per student** (for holder of Attainment Certificate)

Course participants will be awarded with a renewed Attainment Certificate with validity of 3 years 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.

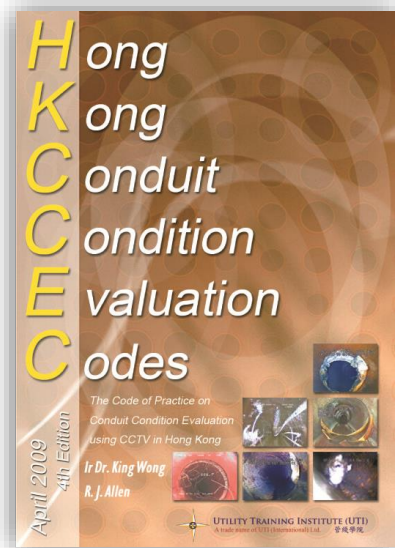
## Registration

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

Utility Training Institute, UTI  
Tel : 2690 3899  
Email : [info@uti.hk](mailto:info@uti.hk)

For details, please visit  
[www.uti.hk](http://www.uti.hk)



UTI is also the author of “Hong Kong Conduit Condition Evaluation Codes” which is detailing the procedure, requirement, the standard and the coding system which associated information on CCTV Survey.

## Course Details

### Programme (Professional Certificate for Conduit Condition Evaluation - Max 24 students)

Day 1	Indoor training - Construction of drains and pipes, Safety on site
* Day 2	Indoor training - Conduit Condition Evaluation basic
Day 3 – Day 7	Site Practice - CCTV Survey – Site practice (Whole Day)
Day 8	Indoor training - Defect coding in accordance with HKCCEC & WRC's SRM and Manual of Sewer Condition Classification
Day 9	Indoor training – Report preparation
Day 10	Indoor – Review, Quality Check and Examination

\* Day 2 is also valid and regard as refreshment of CCTV's Attainment Certificate for 3 years basis if passed the examination.

### Programme (Refreshment Course for CCTV Certificate - Max. 30 students) In house training

Day 1	Indoor training - Conduit Condition Evaluation basic
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