

## BMCZ

### Tunnel, Bridge and Road Maintenance and Management Course

#### 隧道橋樑及道路保養與管理課程

The course content includes Underground Conditions in Hong Kong; Types of Tunnel Lining; Inspection and Investigation of Tunnel Structures; Problems in Tunnels and its Repair Techniques; Bridge Inspection and Preparation Work; Inspection Methods and Criteria; Safety Issues; Bridge Investigation Techniques; Concrete Testing; Steelwork Investigation; Defect Survey; Monitoring Techniques; Maintenance and Repair Options; Concrete Repair Methods; Bridge Design with Maintenance Consideration; Maintenance Audits of New Design; Whole Life Costings for New Bridges; Case Studies (Bridge Repairs, Bridge Strengthening); Bridge Management Systems and Developments; Different Types of Road in Hong Kong; Road Maintenance.

課程內容包括：香港地層的特質；各類隧道襯管；隧道的檢查及調查方法；隧道常遇到的問題及其修理方法；橋樑的檢查及有關的準備工作；檢查方法及準則；安全事項；橋樑的調查方法；石屎強度試驗；橋樑鋼鐵的檢驗；損壞調查；監察方法；橋樑保養與維修方法；石屎修補方法；配合維修保養之橋樑設計；新橋樑設計之稽核；計算橋樑在使用期內的所有費用；個案探討(包括橋樑修補及橋樑加固)；橋樑管理系統與發展；香港各類型道路；道路保養。

Lecturer 講師	Professionals 專業人士
Medium of Instruction 授課語言	Cantonese (Teaching notes mainly provided in English) 廣東話 (教材則以英文為主)
Study Mode 課程制式	Part-time evening 夜間部份時間制：19:00-22:00
Duration 授課期	3 hrs x 8 sessions 3小時x 8堂
Venue 上課地點	HKIC, Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon 九龍 九龍灣大業街 44 號 香港建造學院 九龍灣院校
Admission Requirements 入學條件	Tunnel / Bridge Engineer, Tunnel / Bridge Designer, Tunnel / Bridge Maintenance Supervisor or other persons working with the relevant duties 隧道／橋樑工程師、隧道／橋樑設計人士、隧道／橋樑保養監工或其他擔任有關職務者
Award of Certificate 證書頒發	Attended 6 sessions or above 出席課程 6 堂或以上
Course Fee 課程費用	\$1890
Enquiry 查詢課程	21009000 / 21009839
Recognition 資格承認	The course is recognized by the Hong Kong Institute of Construction Managers (HKICM) fulfilling the requirements of Continuing Professional Development (CPD). 香港營造師學會已確認此課程能符合其延續專業進修的要求。
Application Method 報名方法	Please apply online on <a href="#">SPDC portal</a> 請透過建造專業進修院校的 <a href="#">網上報名系統</a> 報名