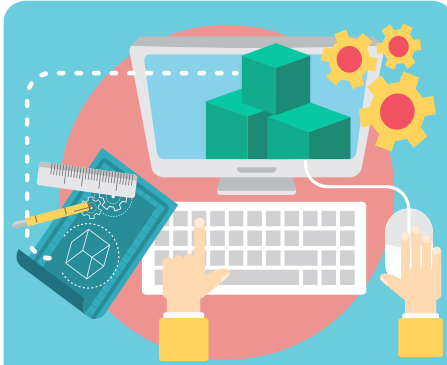


Local Regulations and Construction Practices



E-LEARNING

100% online. May include pre-recorded session, live streaming/webinar and discussion forum, where applicable.

ONLINE LEARNING VIA WEBINAR:

- 14 Sep 2020 (9.00am to 4.45pm)
- 15 Sep 2020 (9.00am to 5.45pm)
- 16 Sep 2020 (9.00am to 12.00pm)

COURSE ASSESSMENTS:

2 x 30mins Online Assessments

PLATFORM: BCAA Learning Management System (LMS)

FEE (incl of GST): S\$740.00

CPD POINTS

PEB: Pending

WSH-CPD: Pending

INTRODUCTION

Up-to-date knowledge of local regulations and construction practices are key to the site supervisors especially the Resident Engineers (RE) and Resident Technical Officers (RTO) to deliver their duties diligently and effectively.

This course will provide site supervisors essential knowledge in the areas of regulatory requirements, safety regulations, environmental management at construction sites, code requirements on construction practices and site supervision. This course is also useful to engineers with foreign qualifications, and others who wish to be updated on local construction practices.

CONTENTS

Building Control Requirements

- Building Plan Approval
- Permit to carry out structural works
- Supervision of building works
- Duties of responsibilities of Builders
- Duties and responsibilities of Qualified Persons
- Duties & Responsibilities of the Accredited Checker
- Duties and responsibilities of site supervisors
- Occupation of Building: CSC / TOP
- Requirements on Design and construction
- Prohibited Construction Materials
- BCA advisory notes
- Control and monitoring measures to safeguard adjacent properties

Safety Regulations and Environmental Management

- Safety Laws and Regulations
- Environmental Control at Construction Sites

Code Requirements on Structures Construction Supervision

- Reinforced Concrete Works using Eurocodes
- Steel Structures using Eurocode 3
- Foundation Engineering Practices
- Formwork Practices
- Case studies on failures of foundations / excavations / structures

ASSESSMENT AND AWARD

This course involves assessment. A e-Certificate of Successful Completion (e-CSC) will be issued to participants who:

- i. Achieve at least 75% class attendance; and
- ii. Pass all the assessment(s)

TARGET AUDIENCE

Resident Engineers, Resident Technical Officers, Site/Project Engineers, Construction Managers



REGISTRATION

To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/> Login or scan QRcode and search for course code **73966**