



## E-LEARNING

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

### 19<sup>th</sup> RUN

#### Online Learning via Webinar:

- 19, 20 & 21 May 2021  
(9.00am to 5.30pm)
- 24 May 2021  
(9.00am to 11.00am)

**Platform:** BCAA Learning Management System (LMS)

#### Course Assessment:

- 25 May 2021  
(9.00am to 10.00am)

**Venue:** BCA Academy

**FEE** (incl of GST): S\$1,500.00

*SkillsFuture Singapore (SSG) funding is available for eligible participants as follows:*

- Singaporeans 40 years old and above and/ or SME company sponsored: up to 90% of the full course fees. Fee payable after funding: \$325.00
- Singapore PR and non SME company sponsored participants: up to 50% of the full course fees. Fee payable after funding: \$1,147.50

### CPD POINTS

**PEB:** 23 PDUs

**IES-ACES:** 12 STU (Structural)

## INTRODUCTION

The Certificate in Façade Inspection course is designed to equip participants with essential knowledge and skills in façade inspection. On top of legislative framework and requirements on façade inspection, participants will gain an in-depth understanding of the fundamentals of various façade systems and materials, their particular maintenance needs and inspection methods.

## CONTENTS

- **Importance of Building Maintenance and Inspection**
- **Good Practices on Inspection Procedure and Reporting**
- **Work at Height**
  - WSH Act and Applicable Legal Requirements
  - Risk Assessment
  - Employer's Duties
  - Other Considerations
- **Common Accessibility Provision and Safety Checklist**
- **Material Science and Façade Maintainability**
  - Life Span of Common Façade Materials in Singapore
  - Façade Maintenance and Technologies
- **Precast, Masonry and Others**
  - Fundamentals of Infill Systems and its appurtenances (gutter, clothes drying racks, exterior false ceilings, fascia boards etc)
  - Deterioration, Failure Modes and Particular Maintenance Needs
  - Assessment / Classification
  - Case Studies
- **Glass Walls and Others**
  - Fundamentals
  - Deterioration, Failure Modes and Particular Maintenance Needs
  - Assessment / Classification
  - Case Studies
- **Claddings and Canopies**
  - Fundamentals
  - Deterioration, Failure Modes and Particular Maintenance Needs
  - Assessment / Classification
  - Case Studies

## LECTURERS

The course will be taught by industry practitioners and BCA staff.

## TARGET AUDIENCE

This course is targeted at industry professionals who wish to obtain technical knowledge on façade inspection. They include:

- Professional Engineers and Registered Architects
- Resident Engineers and Resident Technical Officers

## ASSESSMENT & AWARD

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

- Achieve at least 75% class attendance; and
- Score at least 75% for the closed book MCQ test.



### 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 **79092**