



E-LEARNING

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

ONLINE LEARNING VIA WEBINAR:

DATE: 5 Oct 2021

TIME: 2.00pm to 5.30pm

DELIVERY MODE: e-learning via webinar and BCAA Learning Management System (LMS)

FEE (incl of GST): S\$220.00

TARGET AUDIENCE

Public officers who are practitioners (staff working on devt projects) and non-practitioners (E.g. finance, procurement).

AWARD

e-Certificate of Attendance (e-COA) will be awarded to participants who meet the attendance requirement.

CPD POINTS

BOA-SIA: -

PEB: -

INTRODUCTION

Ministry of Finance (MOF) has developed the Life Cycle Costing (LCC) Guide for Building Projects for public officers involved in building and infrastructure planning to better guide them in applying LCC for project planning. This programme will introduce the concepts and principles of LCC, why we do it and how. In addition, it will also cover the techniques of identifying and quantifying initial and on-going costs associated with building and infrastructure assets over their expected lifespan. The course also briefly covers MOF's guidelines in applying LCC for development projects.

OBJECTIVES

At the end of this course, participants will be able to

- appreciate the purposes for the adoption of LCC for development projects
- define what is LCC
- specify the various components of LCC in the context of project development
- appreciate the concept of discounting
- understand MOF's LCC framework for WOG

KEY CONTENTS

Purpose of LCC

- Key Principles of Lifecycle Approach
- Rationale and purpose of LCC

Dissecting LCC

- Define LCC
- Cost components of LCC
- Capital cost and operational cost in buildings/ facilities/ infrastructures

- LCC demands and requirements
- Concept of discounting
- Case study – Sample LCC of a building

Applying LCC

- Brief overview of MOF LCC guidelines
- Various strategies for considering LCC in development projects

LECTURER

Josh Ng holds master's degrees in Real Estate as well as Training and Development. His experience with Life Cycle Costing spans from his various roles. He was a contracts manager for HDB construction projects and asset enhancements, an Assistant Vice President in HSBC Bank (Singapore), managing a large portfolio of properties and a Centre Manager for a Grade A office building. Josh was also responsible for a \$1billion divestment of a major office building. He has more than 10 years of lecturing experience for MSc and BSc courses in Facilities Management, Real Estate and Construction with major higher learning institutions.



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 **80049**