



E-LEARNING

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

ONLINE LEARNING VIA WEBINAR:

DATE: 6 & 7 May 2021

TIME: 9.00am to 5.00pm

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

FEE (incl of GST): S\$700.00

TARGET AUDIENCE

Public agencies staff involved in various stages of project or infrastructure asset management.

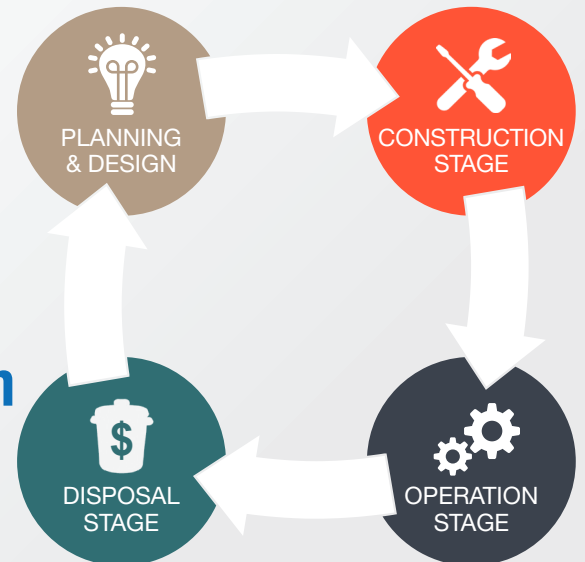
AWARD

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

CPD POINTS

PEB: -

Advanced Life Cycle Costing for Project Planning and Design



INTRODUCTION

With the basic knowledge on 'Life Cycle Costing (LCC) for Project Planning' during the upfront project planning stage, this advanced course further equips participants with knowledge to design development projects with well-rounded and in-depth consideration of LCC. The course covers concepts of life cycle phases, design principles and considerations for optimisation of LCC during project planning and design phase, and application of LCC in asset management.

OBJECTIVES

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

- understand design principles and considerations for optimisation of LCC;
- make well informed decisions from an LCC angle in selection of key systems, features, and materials when designing development projects;
- identify and make trade-offs cutting across multiple operating parameters e.g. safety, efficiency, function, various systems and sub systems during the planning and design phase of development projects; and
- identify relationship between LCC, asset management asset condition and remaining life.

KEY CONTENTS

- Design Principles and Considerations for Optimisation of LCC
- Introduction to Asset Management & Asset Life Cycle Management
- Factors Impacting Asset Life
- Maintenance Life Cycle & Budgeting
- Assessment of Asset Condition & Asset Life Progression
- Asset Optimisation
- Operational Readiness

LECTURER

Chee Kit is the Senior Director (Asset Services) of Cushman and Wakefield (S) Pte Ltd. His key areas of expertise include Facilities Management, Buildings Services Design, Operation and Maintenance, Configuration Management and Business Continuity Planning. Prior to joining Cushman & Wakefield, Chee Kit was a Senior Manager in Far East Organization (Retail Business Group) where he was responsible for the Asset Enhancement, Retail Mall Operations and Engineering initiatives. His career history also includes over 10 years' experience in operating and maintaining institutional, public, office, commercial, industrial and MINDEF properties.



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 **80063**