



## E-LEARNING

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

### 3rd RUN: ONLINE LEARNING:

**Date:** 12 Apr 2021\*

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

\* Learners may commence to embark on e-learning and learn at own pace (within 1 month from course start date)

**FEES** (incl of GST):

S\$450.00 (without Funding)

S\$71.50# (with WTU funding support for eligible participants)

# For more information on the funding requirement, please refer to <https://www1.bca.gov.sg/buildsg/buildsg-transformation-fund/workforce-training-and-upgrading-scheme-wtu>

### TARGET AUDIENCE

All professionals in the built environment

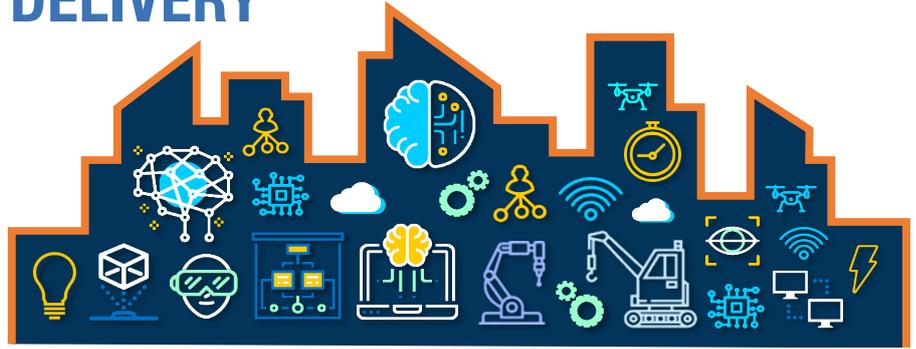
### AWARD

e-Certificate of Successful Completion (e-CSC) will be issued to participants who complete the course within 1 month and pass all the assessments.

### CPD POINTS

PEB: -

# PRINCIPLES OF INTEGRATED DIGITAL DELIVERY



Building on the momentum of BIM Roadmaps, BCA introduced Integrated Digital Delivery (IDD) to better connect built environment stakeholders and streamline their work processes, through innovative use of digital technologies.

To support the industry to reap the full benefits of IDD, this course is designed to equip BE professionals with good understanding and aligned knowledge on IDD across the built environment value chain. Learners will be systematically guided through a series of topics on the concept and method to effectively adopt IDD in their projects or organizations, curated in bite-sized and interactive format.

## OBJECTIVES

- To level up learners' understanding on the concept of IDD across the built environment value chain,
- To create awareness on potential of Integrated Digital Delivery (IDD) and how projects and firms could tap into new opportunities using IDD, and
- To guide learners with basic knowledge in selecting suitable technologies, systems and standards for adoption.

## CONTENT

### TOPIC 1: OVERVIEW OF IDD

- i BIM, VDC & IDD
- ii Principles of IDD
- iii Overview: IDD Framework & Methodology

### TOPIC 2: KEY CONSIDERATIONS FOR IMPLEMENTATION

- i Required skills and mind-sets
- ii Typical barriers to IDD adoption & ways to overcome
- iii Implementing IDD in a Project and in an Organization

### TOPIC 3: CONNECTING VALUE TO IDD

- i Defining "Value" for Process, Project & Organisation
- ii Linking "Value" to measurable KPIs
- iii Measurement and metrics

### TOPIC 4: BASIC PROCESS REENGINEERING

- i Determining critical activities and defining challenge statements
- ii Mapping processes and identifying pain points
- iii Principles of process streamlining

### TOPIC 5: TECHNOLOGIES, SYSTEMS & STANDARDS

- i Selecting the right technologies for the right purpose
- ii Common Data Environment (CDE)
- iii Information Standards

### TOPIC 6: DEPLOYMENT

- i Developing an IDD Roadmap
- ii Prioritization of strategies and scaling up
- iii Resource requirements and capability building



## 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 **80065**