

DIPLOMA (CONVERSION) IN INTEGRATED DIGITAL DELIVERY (BUILT ENVIRONMENT)

SUPPORTING LOCALS THROUGH UPSKILLING & RESKILLING!

The SGUnited Skills (SGUS) Programme offered at BCA Academy is designed for professionals who have been affected by the economic impact of COVID-19. This full-time 10-month training programme aims to prepare unemployed Singaporeans/PRs for improved employability in the evolving built environment sector.



INDUSTRY-RELEVANT TRAINING

Learners will learn and apply industry-relevant work-ready skills coupled with internship to take up the exciting and emerging roles in the built environment sector.



UNIQUE CURRICULUM

While Building Information Modelling (BIM) is the buzzword in the built environment, this programme aims to go beyond traditional BIM to include digital integration, digital design, and digital asset delivery and management; that will help to enhance employability.

MONTHLY TRAINING ALLOWANCE



Learners will receive a training allowance of \$1,200 per month during the programme. (T&C apply)



HIGHLY SUBSIDISED COURSE FEE

The course fee (after subsidy) will be \$833.34. SkillsFuture Credit can be used to offset the course fee.



MODULAR FORMAT

The programme will be conducted on a full-time basis over 10 months in two modules – this will help to facilitate transition to employment as and when job opportunity arises.

EMPLOYMENT FACILITATION



Learners will have the opportunity to benefit from employment facilitation.



CAREER OPTIONS

Upon completion, learners can pursue the role of Assistant Specialist/Specialist (Digital Delivery) defined in the upcoming Skills Framework for Built Environment. Other career options include BIM Modeller, BIM Co-ordinator and Assistant BIM Manager.

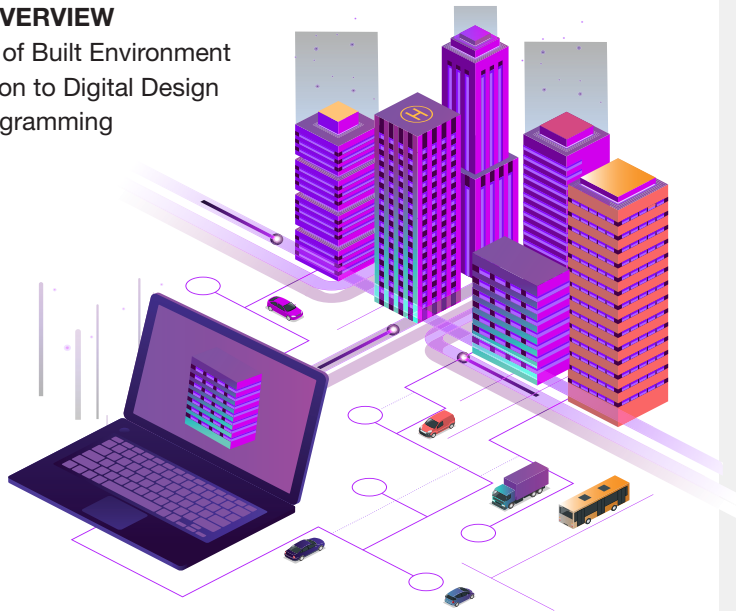
MODULES OUTLINE AND SYNOPSIS

MODULE 1 - Fundamentals in Digital Delivery

The module will cover the breadth of the Built Environment (BE) sector and IDD/BIM fundamentals. Learners will acquire the knowledge in construction and Information Communication Technology (ICT), as well as digital design in developing Building Information Modelling (BIM) models.

CONTENT OVERVIEW

- Overview of Built Environment
- Introduction to Digital Design
- Basic Programming



MODULE 2 - Advanced Digital Delivery + Industry Attachment

In this module, learners can opt to pursue either Architectural or Smart Facilities Management track. The module includes internship opportunities to facilitate learner's understanding of knowledge and to enhance employability.

- The Architectural track prepares learner for a career in advanced digital design at the design and construction stage of a project.
- The Smart Facilities Management track equips learners with IDD knowledge and skills to enhance the management of a building's facilities.

CONTENT OVERVIEW

i) Architectural track:

- Advance BIM for Architecture
- BIM Customisation
- Computational BIM

OR

Smart Facilities Management track:

- BIM for Facilities Management
- Data Analytics and Visualisation
- IoT for Smart Building

ii) 3-month internship with built environment company to boost learner's employability (An in-house industry project could also be offered in place of internship)

Note: Running of specialized track is subject to meeting minimum class size.

DATE

Module 1 - 18 Jan 2021 to May 2021 (4 months)

Module 2 - May 2021 to Oct 2021 (6 months)

Classes are conducted during the day on full time basis.

COURSE FEE (incl of GST)

S\$833.34 (after subsidy)

SkillsFuture Credit can be used to offset the course fee. Training allowance of \$1200 per month (during the training duration) will be provided by Skills Future Singapore (SSG). Terms and Conditions apply.

DELIVERY MODE

Blended learning comprising face-to-face and home-based-learning

ASSESSMENT

Continual Assessment

ELIGIBILITY & REQUIREMENT

- Minimum diploma qualification
- Unemployed Singapore Citizen or Permanent Resident aged 21 and above
- Able to commit to study on a full-time basis
- Confident in learning new IT skills

Note: This programme is **NOT** eligible for:

- Graduates from any educational institution in calendar year of 2019/2020, and
- Individuals who have completed/ completing the National Service in calendar year of 2019/2020
- BCA Academy reserves the right for final enrolment.

TARGET AUDIENCE

For job seekers keen to join the built environment or existing BE professionals to upskill in the area of digital delivery.

AWARD OF CERTIFICATE

Individuals who have successfully completed the module (meeting minimum 75% attendance and passing each course) will be awarded e-Certificate of Successful Completion for the module. Individuals who have successfully completed both modules will be issued a Diploma (Conversion) in Integrated Digital Delivery (Built Environment).



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 **79023**