



STACKABLE MODULAR CERTIFICATES

You will have the flexibility to take the modular certificates in any order and at your own pace*. The certificates can be stacked up towards the Specialist Diploma.

**maximum of 3 years to accumulate the certificates for an academic qualification*

Specialist Diploma in

ARCHITECTURAL TECHNOLOGY (SDAT)



Eligible for
SkillsFuture
Credit

The Specialist Diploma in Architectural Technology will equip you with the necessary skills and knowledge to work as Architectural technologists in this revolutionary changing age of digital design.

You will gain essential knowledge and skills on local building development guidelines, building regulations, integrated online submission of plans for approval, Architectural detailing and good practices. You will also be able to explore green building designs and work on creative universal design solutions for the built environment.

Upon graduation, you can look forward to career opportunities in Architectural consultancies, Contractors and technical support sectors, as Assistant Architects, Technical Officers, Architectural Coordinators, BIM Modellers or Architectural Product Specialists.

Duration: 3 months per modular certificate (66 hrs)
(Assessment: 3 hrs)

Frequency: 2 to 3 evenings per week
(some lessons may be held on Saturdays)

Venue: BCA Braddell Campus and Online Learning

Fee* (inclusive of GST): S\$2,000 (per modular certificate)

**Refer to next page for SSG funding details*

Assessment: Continuous and Project Based

Registration closes 2 weeks prior to course commencement, or when the class is fully subscribed, whichever is earlier. Late registration may be consider on case by case basis.

Certificate in Architectural BIM Submission

(Classroom + Synchronous E-Learning)

MODULAR CERTIFICATE A: Jan to Mar Planning Requirements

- Planning & Development Control
- Other Technical Requirements

Building Plan Requirements

- Building Control
- CD Shelters
- TOP & CSC

BIM Architectural Project

- BIM for Architecture
- BIM eSubmission Project

Certificate in Sustainable Architectural Design

(Classroom + Synchronous E-Learning)

MODULAR CERTIFICATE B: May to Jul Technical Department Requirements

- FSSD, LTA, NParks

Green Building & Universal Design

- Barrier-free Accessibility & Universal Design
- Sustainable Architecture

Design for Productivity

- Architectural Documentation and Management
- Design for Productivity trends
- Buildable Design

Certificate in Architectural Detailing & Building Services

(Classroom + Synchronous E-Learning)

MODULAR CERTIFICATE C: Sep to Nov Architectural Detailing

- Ceiling systems
- Wall systems and finishes
- Floor finishes
- Stairs and balustrades
- Furniture and fitments
- Windows and doors
- Roofing & Cladding systems

Design for Maintainability

- Design for Maintainability Roadmap
- Case Studies

Building Services

- Electrical systems
- Lighting and Lightning Protection systems
- Vertical Transportation and Telecommunication systems
- Air-conditioning and Mechanical Ventilation systems
- Plumbing and Sanitary systems
- Fire Protection systems

ENTRY REQUIREMENT

Applicants who do not wish to complete the Specialist Diploma programme are not subject to the entry requirements.

The applicant must be a Singapore Citizen or Permanent Resident or holder of valid employment pass/work permit; and possess one of the following qualifications in a relevant discipline:

- A diploma (min course duration of 2 years) or equivalent qualification
- A relevant Advanced Certificate / Higher NITEC / Advanced NBQ with 2 to 3 years of relevant work experience
- A relevant certificate with 4 to 5 years of relevant work experience
- NITEC / Higher NBQ with at least 5 years of relevant work experience

Note: Applicants with relevant working experience but do not fulfil the above requirements will be reviewed on a case-by-case basis.

Applicants must have their own computers/laptops with minimum specifications to run BIM software (recommended 16GB RAM minimum) and access student portal.

Applicants with degree or diploma qualification where English is not the medium of instruction is required to take an English Screening Test (EST) at a fee of S\$23.00 (incl. GST) conducted by the BCA Academy. Alternatively, applicant may choose to achieve the ESS Workplace Literacy Test Level 6 issued by SkillsFuture Singapore (SSG).

WHO SHOULD ATTEND

This Specialist Diploma Programme is designed for Architectural assistants and technical support staff. It is also suitable for those who have construction experience but wish to switch to a design-related career.

AWARD OF CERTIFICATE

A participant must attain at least 75% of physical attendance and complete all assignments to acceptable standards to be eligible to be awarded each modular certificate. Participant who did not complete the assignments to acceptable standards but attained at least 75% of physical attendance will be issued with a certificate of attendance. The successful achievement of all modular certificates will lead to the awarding of the **Specialist Diploma in Architectural Technology (SDAT)**.

SSG FUNDING[^] DETAILS

Modular Certificate Title	Full Course Fee	Singaporeans, Singapore PRs and non SME company sponsored participants. Fee payable after 50% funding support.	Singaporeans 40 years old and above OR SME company sponsored Singaporeans or Singapore PRs. Fee payable after 70% funding support.
Certificate in Architectural BIM Submission Classroom + Synchronous E-Learning (TGS-2022013716)	S\$2,000	S\$1,065.42	S\$691.59
Certificate in Architectural Detailing & Building Services Classroom + Synchronous E-Learning (TGS-2022013500)	S\$2,000	S\$1,065.42	S\$691.59
Certificate in Sustainable Architectural Design Classroom + Synchronous E-Learning (TGS-2022012761)	S\$2,000	S\$1,065.42	S\$691.59

[^] The fees are inclusive of GST and are subject to change.

Participant must achieve at least 75% attendance and pass all assessments. BCA Academy reserves the right to recover the funded amount from the participant (self-sponsored) or employer (company sponsored) if participant did not meet the eligibility criteria. Details of SSG's funding can be found in <https://www.enterprisejobskills.gov.sg/content/upgrade-skills/course-fee-and-absentee-payroll-funding.html>

WITHDRAWAL

Withdrawal notice must be made in writing to BCA Academy via **bca_academy@bca.gov.sg**.

The following stated days are pegged to the modular certificate commencement date:

- 14 days or more, 10% cancellation fee
- Less than 14 days but more than 3 working days, 25% cancellation fee
- 3 working days or less, 100% cancellation fee

REGISTRATION

Visit BCA Academy Online StoreFront (OSF) @ <https://eservices.bcaa.edu.sg/registration/#/login>



Course codes:

Modular Certificate A: 79004A
Modular Certificate B: 79004B
Modular Certificate C: 79004C