BCA ACADEMY

Specialist Diploma in
ARCHITECTURAL TECHNOLOGY (SDAT)

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

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

Venue: BCA Academy

Fees (inclusive of GST):
S$1,833 (modular certificate A or B)
S$1,834 (modular certificate C)

SSG Training Grant of S$130 per modular certificate for company-sponsored Singaporeans & Singapore PRs. Apply as early as 30 days before each modular certificate start date and closes 30 days after modular certificate start date.

Assessment: Continuous and Project Based

Registration closes 2 weeks prior to modular certificate commencement or when the class is fully subscribed, whichever comes first. Registration can remain open until course commencement date if training spaces are still available.

Certificate in Architectural BIM Submission
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
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
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

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) A diploma (min course duration of 2 years) or equivalent qualification
b) A relevant Advanced Certificate / Higher NITEC / Advanced NBQ with 2 to 3 years of relevant work experience
c) A relevant certificate with 4 to 5 years of relevant work experience
d) 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)**.

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

Please note that applicants are required to top-up the short-fall in funding amount if nett fee is paid upfront.

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

FUNDING

SkillsFuture Study Award - Up to S$5,000 is available for self-sponsored Singapore citizens with relevant working experience to develop and deepen their skills in key sectors. Scan QR code or login to **https://programmes.myskillsfuture. sg/Portal/ProgramListing.aspx?Source=SFSA** for more details.

SkillsFuture Credit - The credit can be used to pay for the course fee approved by SkillsFuture Singapore (SSG) as listed in the SkillsFuture Credit directory. To utilise the SkillsFuture Credit, applicant will need to indicate in the online registration form. Scan QR code or login to **https://www.skillsfuture.sg/credit** for more details.

SSG Training Grant is available for company-sponsored Singaporeans & Singapore PRs who registered for all modular certificates. Scan QR code or login to **https://www.skillsconnect.gov.sg/sop/portal/** for more details.

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