



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
CONSTRUCTION MANAGEMENT (SDCM)



Eligible for SkillsFuture Credit

In land scarce Singapore, the building and construction industry plays a critical role in our city's advancement and urban regeneration. With a high volume of building and infrastructure, the construction industry is offering great employment prospects and earning potential for construction professionals, such as project supervisors, project coordinators, construction managers and project managers.

The Specialist Diploma in Construction Management (SDCM) will equip you with skills that are essential in managing construction projects successfully. The comprehensive curriculum covering technical aspects, quality, safety, contract & cost management to legal studies and information technology will prepare you for a rewarding career in the dynamic construction industry.

Duration: 3 months per modular certificate

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

Venue: BCA Braddell Campus and Online Learning

Fees* (inclusive of GST):

S\$2,166 (modular certificate A)

S\$2,167 (modular certificate B or C)

*SSG funding may be available for selected modular certificate(s). Details of SSG's funding can be found in <https://www.enterprisejobskills.gov.sg/content/upgrade-skills/course-fee-and-absentee-payroll-funding.html>

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 Construction Management (MEP System)

MODULAR CERTIFICATE A: Jan - Mar
Building Services & Quality Management (MEP Systems)

- Mechanical & Plumbing Systems
- Electrical Systems
- Quality Management (MEP system)
- Safety and Health Management on Construction Sites

Project Management & IT Application

- Project management
- Project planning and scheduling
- Resource allocation
- Budgeting

Management & Negotiation Skills

- Functions of management
- Motivation theories and techniques
- Resource allocation
- Business communication
- Negotiation steps and techniques

Certificate in Construction Management (Architecture and Structure)

MODULAR CERTIFICATE B: May - Jul
Construction Processes & Quality Management (Architecture & Structure)

- Precast and Prestressed
- Architectural & Waterproofing
- Deep Excavation and Temporary Works
- Quality Management (Architecture & Structure)
- Environmental control at construction sites

Supply Chain Management

- Procurement planning
- Inventory cost and control
- Application of electronic warehouse
- Material management

Introduction to BIM

Certificate in Contract and Cost Management

MODULAR CERTIFICATE C: Sep - Nov
Management of Construction Contracts

- Contractual arrangements and procurement methods
- Public Sector Standard Conditions of Contract (PSSCOC)
- Forms and conditions of contracts
- Contractual claims and dispute resolution methods

Cost Management and Control Techniques

- Processes, procedures and concepts of cost management
- The impact of design on the cost-in-use
- Life cycle cost of building

Building Law

- Building Control act
- Building Maintenance and Strata Management act
- Security of Payment act
- Contract law

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 project managers, engineers, builders, technical professionals, project coordinators, M&E coordinators, M&E and building trade supervisors.

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 Construction Management (SDCM)**.

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: 74037A
Modular Certificate B: 74037B
Modular Certificate C: 74037C