

**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

FACILITY AND ENERGY MANAGEMENT (SDFEM)

Eligible for
SkillsFuture
Credit



Environment sustainability is increasingly gaining ground in the building and construction industry, buoyed by global concerns on climate change and limited natural resources. With the rising trend towards green technologies and renewable energy, there is a need for professionals who are proficient in energy management to operate buildings for optimal building performance.

The Specialist Diploma in Facility and Energy Management (SDFEM) equips students with the essential knowledge to plan and manage building operations and maintenance efficiently.

The programme incorporates Energy Management modules to give students the added competitive edge. Upon graduation, you can look forward to career opportunities as facilities managers or building managers.

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

Frequency: 2 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)

**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 Digital Delivery of Facilities Management

(Classroom + Synchronous E-Learning)

MODULAR CERTIFICATE A: Jan - Mar

Introduction to Facilities Management

- Principles of Facilities Management
- Space and Asset Management
- Building Legislation
- Risk Management

BIM for Facilities Management

- BIM Fundamentals for Facilities Management
- AIR for Facilities Management
- BIM-Centric CMMS

Integrated Digital Delivery for Facilities Management

- Data Analytics in Facilities Management
- Introduction to Internet of Things

Certificate in Mechanical System and Building Management

(Classroom + Synchronous E-Learning)

MODULAR CERTIFICATE B: May - Jul

Building Management

- Structural Appraisal
- Landscape and Horticulture
- Cleaning and Pest Control
- Security Management
- Project Management
- Building Repair and Refurbishment

Building Mechanical Services

- Plumbing, Sanitary and Gas Systems
- Fire Protection Systems
- ACMV Systems

Certificate in Electrical System And Energy Management

(Classroom + Synchronous E-Learning)

MODULAR CERTIFICATE C: Sep - Nov

Building Electrical Services

- Solar Technologies
- Power Generation and Distribution
- Efficient Lighting
- Lifts and Escalator Systems

Energy Management

- Energy Audit and Measurement
- Energy Management and Economics

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 those working in a relevant industry who seek upgrading of skills, as well as professionals seeking a mid-career switch to the facilities management sector.

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 Facility and Energy Management (SDFEM)**.

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 Digital Delivery of Facilities Management Classroom + Synchronous E-Learning (TGS-2022012767)	S\$2,166	S\$1,153.85	S\$748.99
Certificate in Mechanical System & Building Management Classroom + Synchronous E-Learning (TGS-2022012768)	S\$2,167	S\$1,154.38	S\$749.33
Certificate in Electrical System & Energy Management Classroom + Synchronous E-Learning (TGS-2022012769)	S\$2,167	S\$1,154.38	S\$749.33

[^] 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.enterprisefuturejobskills.gov.sg/content/upgrade-skills/course-fee-and-absentee-payroll-funding.html>

WITHDRAWAL

Withdrawal notice must be made in writing to BCA Academy via <https://www.bca.gov.sg/feedbackform/>. 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: 74A19
Modular Certificate B: 74B19
Modular Certificate C: 74C19

