

BCA ACADEMY

Full-Time DIPLOMA PROGRAMMES 2016



Follow us:



BCA Academy

BCA Academy has helped to turn my childhood aspirations into reality. What used to be Lego bricks is now solid concrete in my hands. The knowledge gained has made it easy for me to apply in my job.

– Teo Li Mei, Site Co-ordinator
Diploma in Construction Engineering 2014



My studies at BCA Academy had equipped me with the necessary knowledge and skills to have a good head start in the built environment sector. I am now able to take on new challenges with confidence.

– Ridzuan Bin Athly, Project Engineer
Diploma in Electrical Engineering & Clean Energy 2013



The knowledge and technical know-how gained in BCA Academy had provided me with a solid foundation to build my engineering competencies; and helped me to excel in my study at NTU.

– Shi Wan Lei, Executive Engineer
Diploma in Construction Engineering 2012



OUR MISSION

To provide quality training, learning and research programmes for a future-ready built environment.

OUR VISION

To be a leader in education and research for a future-ready built environment.



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ABOUT BCA ACADEMY

Established in 1984, the BCA Academy is the first institute in the region which offers a full-suite of training and education programmes for the built environment industry. An education and research arm of the Building and Construction Authority of Singapore (BCA), the Academy has been providing quality education programmes in building-related disciplines, nurturing and inspiring students to fulfil their dream and aspiration.

Currently, the Academy offers eight diploma programmes which are widely recognised by universities and the industry. The practical-based nature of the curricula is closely aligned to industry practice, equipping graduates with the necessary skills and knowledge to start their career in the built environment industry. The Academy also provide avenues for students to enter at any point. Whether you are a N-levels holder, O-levels holder, diploma holder, degree holder or working professional, you could always find a suitable programme in BCA Academy.



ACADEMIC TOWER



CENTRE FOR LEAN AND VIRTUAL CONSTRUCTION (BIM Studio)



RESOURCE CENTRE



STUDENT LOUNGE



IT LAB



GYMNASIUM



STUDENT SERVICES CENTRE



SENSORY GARDEN



INDOOR BASKETBALL COURT



DESIGN STUDIO

KEY FEATURES OF BCA ACADEMY DIPLOMA PROGRAMMES

HEADSTART IN YOUR CAREER

85% of BCA Academy Diploma graduates are employed within 6 months upon graduation.

Source: BCAA Graduate employment survey 2014/2015

- Our programmes are highly recognised by employers from the building and construction industry.
- In addition to the Diploma certificate, students also gain other industry-relevant professional qualification/certifications.
- Our programmes expose students to industry-led collaborations and competitions, providing them unique platforms to gain first-hand knowledge and experience in the built environment even before graduation.

PATHWAY TO FURTHER STUDIES

BCA Academy's Diploma programmes are:

- (a) comparable to polytechnics from Singapore,
- (b) equivalent to Australian diplomas, and
- (c) closely aligned with first year UK degree programmes.

Source: National Recognition Information Centre for the United Kingdom (NARIC), 2012

- Advanced standings into relevant undergraduate degree study at universities in Singapore and overseas.

Room to groom construction talent
BCA Academy's extension all higher intake, better materials

BCA ACADEMY OPEN HOUSE
First Step towards Building Careers for the Future

BCA Academy's campus was alive with activities at the annual Open House on 14 January 2011. An estimated 400 students from the Institute of Technical Education and secondary schools, joined by 40 walk-ins, embarked on a discovery tour of the Academy.

Visitors began an exploratory walk-through of seven designated stations spread around the campus, starting from the Centre for Construction IT. The tour provided them with insight into the learning environment and the available full-time diploma programmes offered by BCA Academy. The tour was specially tailored to inspire potential future career in the building industry.

Enthusiasm was evident as the students began to explore the building, which was the first of its kind in Asia. The Scaffolding station was a hit with the visitors. The hands-on experience with scaffolding ranging from air-braking to working with the right participants.

Along the route, students at the auditorium to background study. The visitors' booklet highlighted the

Construction sector wants to attract more locals

WDA announces \$3m more in new scholarships

by JWA KCM

ONE way to reduce the construction sector's reliance on foreign labour is to attract more Singaporeans into the industry, said Ho Nyeck Young, president of the Singapore Construction Association (SCA).

He said the SCA is a

promoting the construction sector's growth and

the Ministry of Education (MOE) and the Ministry of Labour (MOE).

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BENCHMARKING EXERCISE ON BCA ACADEMY'S DIPLOMAS

A BENCHMARKING STUDY WAS CONDUCTED TO ASCERTAIN THE QUALITY OF BCA ACADEMY'S DIPLOMAS AGAINST LOCAL POLYTECHNIC AND INTERNATIONAL STANDARDS.



FOUNDATION PROGRAMME

(1 Year/GCE 'O' Level holders)

SEC 4
(Normal Academic holders)

8 DIPLOMAS
(3 Years)

3 BACHELOR DEGREES
(in collaboration with renowned universities)

FOUNDATION PROGRAMME (FP)



FP is a one-year programme with a practical-oriented curriculum. It provides an alternate route for Secondary 4 Normal (Academic) students with good results to enter into BCA Academy's Diploma programmes. The curriculum is designed to prepare students for BCA Academy's Diploma study which could lead to a rewarding career in the built environment.

Note: FP students are provided provisional placements into the Diploma programmes.

PROGRAMME CURRICULUM

- English & Communication
- Basic Mathematics
- Basic Physics
- Technical Drawing & Specification
- Computer Aided Drawing
- Building Technology Fundamentals
- Design Studio Workshop
- Building Information Modelling (BIM)
- Electrical Technology Fundamentals
- ACMV Fundamentals & Green Building Technology

FP adopts a continual assessment method that includes class tests, projects and assignments.

Diploma in **ARCHITECTURE (TECHNOLOGY)**

PROGRAMME STRUCTURE

YEAR 1

- Drawing Presentation
- Design & Creative Methods
- Digital Media Presentation
- CAD1 (Autocad)
- Building Technology
- Life Skills A
- Architectural Design 1
- Development Control Requirements
- Architectural Styles 1
- BIM for Architecture
- CAD2 (Sketchup)
- Building Plan Requirements 1
- Life Skills B

YEAR 2

- Architectural Detailing A
- Building Plan Requirements 2
- Advanced BIM for Architecture
- Basic Business Law
- Management Systems for Construction
- Management Skills A
- Architectural Design 2
- Architectural Detailing B
- Architectural Styles 2
- 3D CAD
- Building Services
- Procurement Management
- Elements of Business
- Management Skills B

YEAR 3

- Green Building & Universal Design
- Architectural Detailing C
- BIM Design and Coordination
- Sustainable Building with BIM
- Project Management
- Technical Communications
- Design for Productivity
- Architectural Design 3
- BIM Customisation
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Understand local building regulations, good practices and guidelines for project documentation and submission
- Acquire skill sets in architectural detailing and Building Information Modelling (BIM)
- Gain knowledge of sustainable building design, productive technologies and materials
- Learn problem-solving and life skills in:
 - effective communications
 - creative problem solving
 - professionalism
 - good work ethics

CAREER PROSPECTS

- Architectural Assistants
- Architectural / BIM Technician

Diploma in **CONSTRUCTION ENGINEERING**

PROGRAMME STRUCTURE

YEAR 1

- Construction Materials
- Reinforced Concrete Construction
- Structural Mechanics
- Construction Equipments
- Technical Drawings
- Mathematics 1
- Mathematics 2
- Life Skills A
- Life Skills B
- Basic Business Law

YEAR 2

- Surveying
- Reinforced Concrete Design 1
- Structural Analysis
- Management Systems for Construction
- Building Construction Supervisors Safety Course
- Formwork Safety Course for Supervisors
- Building Measurement
- Procurement Management
- Project Management
- BIM for Structure
- Mathematics 3

YEAR 3

- Advanced Concrete Technology
- Construction Technology
- Reinforced Concrete Design 2
- Geotechnical Engineering
- Steel Design and Construction
- Structural Appraisal and Repair
- Precast Design and Construction
- Prestressed Design and Construction
- Technical Communications
- Physics
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Acquire supervisory, managerial and financial know-how for business
- Acquire skills to supervise on site construction works effectively
- Acquire knowledge to perform designs for steel, reinforced concrete, precast and prestressed concrete structures
- Learn to plan and schedule construction works effectively to achieve high productivity and minimise delay
- Learn to manage safety aspects of construction

CAREER PROSPECTS

- Assistant Project Engineer
- Assistant Design Engineer
- Site Engineer
- Resident Technical Officer

ADDITIONAL PROFESSIONAL QUALIFICATION

- Accepted for registration as Resident Technical Officer under the Building Control Act
- Certificate of Successful Completion in Internal Audit (QEHS) on Quality Management (ISO 9001), Environment Management Systems (ISO 14001) & Occupational Health and Safety Management Systems (OHSAS 18001)

Diploma in **CONSTRUCTION INFORMATION TECHNOLOGY**

PROGRAMME STRUCTURE

YEAR 1

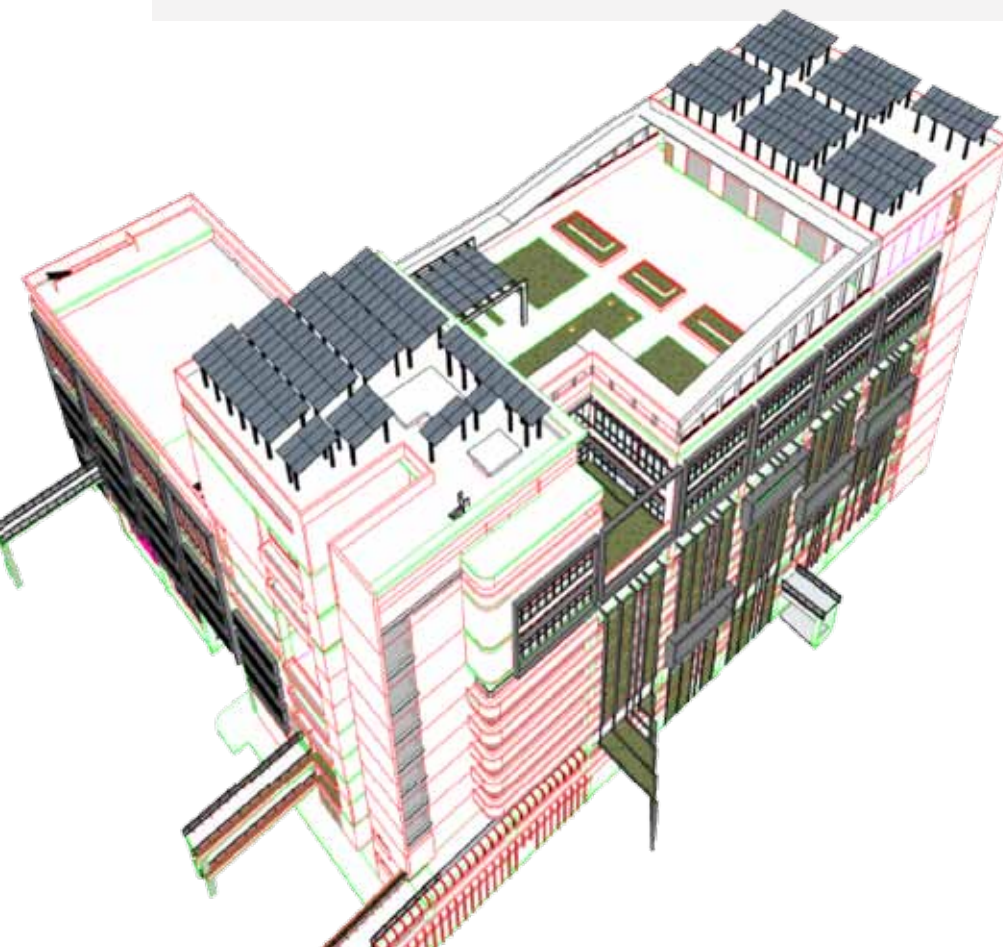
- Building Materials
- Building Technology
- Technical Drawings
- Mathematics 1
- CAD 2
- CAD
- Building Services
- Life Skills A
- Life Skills B
- Basic Business Law
- Building Design 1A
- Building Design 1B
- Digital Media Presentation
- Information and Communication Technology

YEAR 2

- Construction Technology
- Building Measurement
- Procurement Management
- Cost Management
- Green Building Technology
- Project Management
- Management Skills A
- Management Skills B
- Building Design 2A
- Building Design 2B
- Database Management
- Software Engineering and Web Application
- BIM for Architecture
- BIM for M & E
- Building Envelope

YEAR 3

- 3D CAD
- Technical Communications
- Building Regulations
- Sustainable Building with BIM
- BIM Customisation
- Advanced BIM for Architecture
- BIM Construction & Coordination
- BIM for Facilities Management
- BIM Design & Coordination
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Develop building drawings and documentation that conform to industry standards and practices through the use of Building Information Modelling (BIM)
- Acquire skills to analyse building design
- Manage data integrity from design to construction and facility management

CAREER PROSPECTS

- Assistant BIM Manager
- Project Coordinator in Building Information Modelling (BIM)
- BIM Specialist

Diploma in **DESIGN** (Interior & Landscape)

PROGRAMME STRUCTURE

YEAR 1

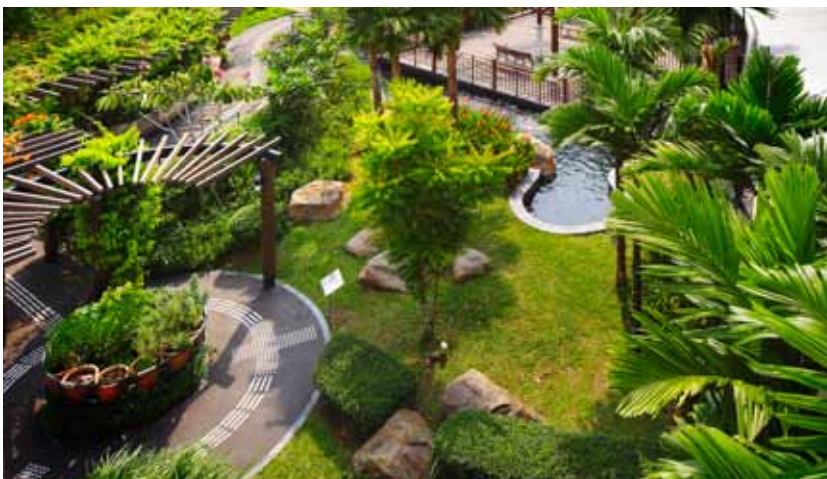
- Building Technology
- Design and Creative Methods
- Design Studio 1
- Evolution of Interior Design
- Interior Construction I
- Scenography
- CAD 1
- CAD 2
- Drawing Presentations
- Life Skills A
- Life Skills B
- Basic Business Law
- Digital Media Presentation

YEAR 2

- Management Systems for Construction
- Interior Construction 2
- Landscape Technology
- Planting Design & Management
- Design Studio 2 - Residential
- Design Studio 2 - Office
- Landscape Design 1
- Building Services
- Procurement Management
- Project Management
- Elements of Business
- Management Skills A
- Management Skills B
- BIM for Architecture

YEAR 3

- Landscape Site Planning
- Skyrise Greenery
- Landscape Styles
- Design Studio 3 - Retail
- Design Studio 3 - Leisure
- Landscape Design 2
- 3D CAD
- Technical Communications
- Building Regulations
- Advanced BIM for Architecture
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Acquire theories and practical applications to explore and communicate conceptual ideas and design solution creatively
- Learn to integrate landscape and interior design with construction technology effectively
- Develop analytical, creative thinking, supervisory and managerial skills
- Acquire communication skills to present design schemes effectively

CAREER PROSPECTS

- CAD/Technical Specialist
- Interior Designer
- Landscape Designer
- Interior/Landscape Design Supervisor

Diploma in **ELECTRICAL ENGINEERING AND CLEAN ENERGY**

PROGRAMME STRUCTURE

YEAR 1

- Building Technology
- Technical Drawings
- Mathematics 1
- Mathematics 2
- CAD
- Clean Energy Technology
- Electric Circuit Analysis 1
- Introduction to Electrical Power Systems
- Analogue Electronics
- Basic Engineering Mechanics
- Life Skills A
- Life Skills B
- Computer Programming
- Digital Electronics

YEAR 2

- Management Systems for Construction
- Instrumentation & Control
- Electrical Power Distribution & Installation
- Electric Circuit Analysis 2
- Electrical Machines
- Power Electronics
- Renewable Energy Conversion & Storage systems
- ACMV Fundamentals
- Green Building Technology
- Project Management
- Elements of Business
- Management Skills A
- Management Skills B
- Basic Business Law
- Embedded Systems
- Building Envelope
- Mathematics 3

YEAR 3

- Design and Operation of PV Systems
- Modern Power Systems
- Renewable Energy Integration
- Green Mark Manager
- Technical Communications
- Energy Management & Economics
- Energy Audit & Measurements
- Management of ACMV
- Motor Driven Systems
- BIM for M&E
- Lighting Systems
- Integrated Building Management Systems
- Physics
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Acquire knowledge to design, operate and maintain electrical services for buildings
- Acquire skills to perform and supervise electrical works on site effectively
- Gain knowledge to perform energy auditing works
- Learn to design, and commission grid-tied and stand-alone photovoltaic systems
- Acquire knowledge to conserve and optimise energy usage in buildings

CAREER PROSPECTS

- Assistant Engineer
- Clean Energy Technologist
- Clean Energy Designer
- Facility Management Executive
- Clean Energy Consultant
- Site Supervisor

ADDITIONAL PROFESSIONAL QUALIFICATION

- Singapore Certified Energy Manager (Associate)*
- Certificate of Successful Completion in Internal Audit (QEHS) on Quality Management (ISO 9001), Environment Management Systems (ISO 14001) & Occupational Health and Safety Management Systems (OHSAS 18001)
- Certificate of Successful Completion in Green Mark Manager Course

** Student is required to register as member of the Institute of Engineers Singapore (IES) before issuance of the Singapore Certified Energy Manager or SCEM (Associate) certificate.*

Diploma in **FACILITIES MANAGEMENT**

PROGRAMME STRUCTURE

YEAR 1

- Building Materials
- Building Technology
- Technical Drawings
- Conservancy Practices
- Mechanical Services
- Strategic Facilities Management
- Event Planning & Management
- Life Skills A
- Life Skills B
- Statistics for Management
- Basic Business Law
- BIM for Architecture
- Information & Communication Technology

YEAR 2

- Management Systems for Construction
- Electrical & Communication Services
- Environmental Ergonomics
- Procurement Management
- Cost Management
- Event Marketing & Customer Service
- ACMV Fundamentals
- Green Building Technology
- Facilities Management Law
- Elements of Business
- Management Skills A
- Management Skills B
- Database Management
- Software Engineering and Web Application
- Green Building Operations
- Building Envelope

YEAR 3

- Fire Safety Management
- Green Mark Facilities Manager
- Event Service Management
- Risk Management & Business Continuity
- Technical Communications
- Energy Management & Economics
- Energy Audit & Measurements
- Management of ACMV
- Motor Driven Systems
- Lighting Systems
- BIM FM
- Building Regulations
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Acquire knowledge to formulate and implement facilities management and maintenance policies to achieve efficient resource utilisation
- Learn to create an environment that meets human physiological needs
- Learn to formulate and implement practices to achieve high level of environmental sustainability and energy efficient buildings
- Acquire knowledge and skills to plan, manage and market events

CAREER PROSPECTS

- Facilities Manager
- Associate Energy Manager
- Technical Specialist
- Event Organiser
- Site Supervisor
- Fire Safety Manager

ADDITIONAL PROFESSIONAL QUALIFICATION

- Singapore Certified Energy Manager (Associate)*
- Certificate of Successful Completion in Fire Safety Manager Course
- Certificate of Successful Completion in Internal Audit (QEHS) on Quality Management (ISO 9001), Environment Management Systems (ISO 14001) & Occupational Health and Safety Management Systems (OHSAS 18001)

** Student is required to register as member of the Institute of Engineers Singapore (IES) before issuance of the Singapore Certified Energy Manager or SCEM (Associate) certificate.*

Diploma in **MECHANICAL ENGINEERING** (Green Building Technology)

PROGRAMME STRUCTURE

YEAR 1

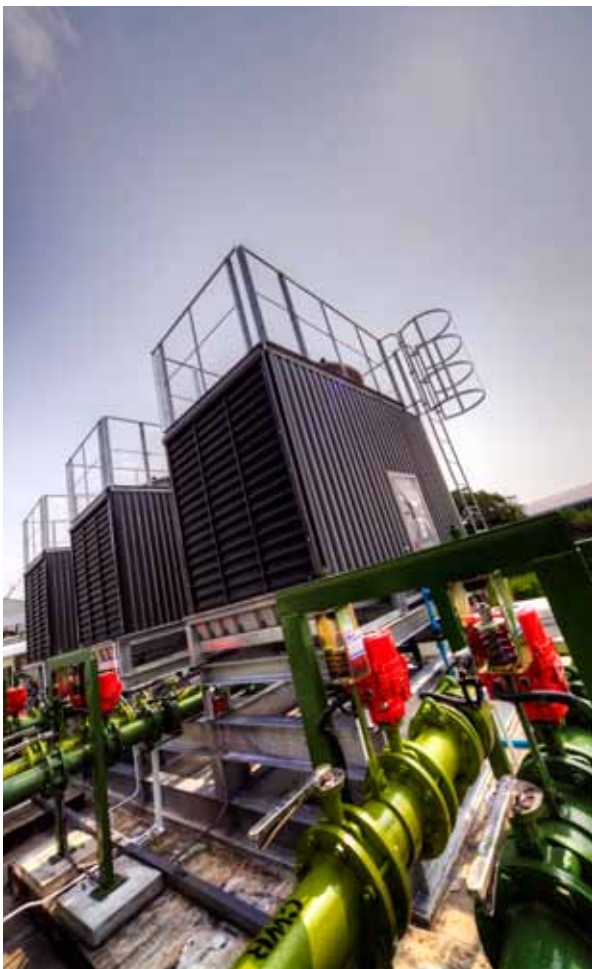
- Basic Engineering Mechanics
- CAD
- Electrical Technology & Machines
- Basic Business Law
- Fluid Mechanics
- Thermodynamics
- Life Skills A
- Life Skills B
- Plumbing Technology
- Building Technology
- Technical Drawings
- Mathematics 1
- Mathematics 2

YEAR 2

- ACMV Technology 1
- BIM for M&E
- Cost Management
- Advanced Engineering Mechanics
- Electrical Power Distribution & Installation
- Fire Technology
- Clean Energy Fundamentals
- Green Building Technology
- Computer Programming
- Lift Technology
- Procurement Management
- Management Skills A
- Management Skills B
- Instrumentation & Controls
- Project Management

YEAR 3

- ACMV Technology 2
- Technical Communications
- Strength of Materials
- Lighting Systems
- Green Mark Manager
- Energy Management & Economics
- Energy Audit & Measurements
- Passive Design Strategies & Energy Modelling
- Facilities Management & Operations
- Fire Safety Management
- Motor Driven Systems
- Gas Technology
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Learn to supervise M&E works effectively
- Acquire knowledge to implement environmental and quality programmes within an organisation
- Understand and contribute to design, fabricate, modify and commission green facilities
- Acquire skills and knowledge to manage and operate green facilities

CAREER PROSPECTS

- Assistant Engineer
- Associate Energy Manager
- Site Supervisor
- Assistant Facilities Manager
- Technical Specialist

ADDITIONAL PROFESSIONAL QUALIFICATION

- Singapore Certified Energy Manager (Associate)*
- Certificate of Successful Completion in Green Mark Manager Course
- Certificate of Successful Completion in Fire Safety Manager Course
- Certificate of Successful Completion in Gas Technology Course

** Student is required to register as member of the Institute of Engineers Singapore (IES) before issuance of the Singapore Certified Energy Manager or SCEM (Associate) certificate.*

Diploma in **QUANTITY SURVEYING**

PROGRAMME STRUCTURE

YEAR 1

- Building Technology
- Construction Materials
- Economics
- CAD
- Life Skills A
- Life Skills B
- Construction Equipment
- Reinforced Concrete Construction
- Basic Business Law
- Information & Communication Technology
- Introduction to Surveying
- Technical Drawing
- Statistics for Management

YEAR 2

- Building Measurement
- Management Systems for Construction
- Construction Law
- Database Management
- Precast & Prestressed Concrete Design and Construction
- Project Management
- Management Skills A
- Management Skills B
- Cost Management
- Procurement Management
- Mechanical Services
- Introduction to Steel Construction
- Elements of Business
- BIM for Architecture
- Construction Technology

YEAR 3

- Advanced Building Measurement
- Contract Administration
- Building Economics
- Structural Appraisal & Repair
- Technical Communications
- Value Engineering & Management
- Electrical & Communication Services
- BIM for QS
- Advanced Procurement Management
- Final Year Project
- Industrial Attachment



PROGRAMME OBJECTIVES

- Acquire knowledge on building technology and various methods of construction
- Learn to read and understand drawings and specifications
- Develop ability to perform accurate quantity taking off and compile Bills of Quantities
- Understand different forms of Conditions of Contract
- Acquire knowledge on contract law
- Acquire knowledge in computer drafting and BIM

CAREER PROSPECTS

- Assistant Quantity Surveyor
- Assistant Project Manager
- Project Coordinator in Building Information Modelling (BIM)

ADMISSION DETAILS

- Applicant must satisfy the minimum academic entry requirements for the programmes specified in the respective tables.
- Local (Singaporean and PR) applicant may apply directly to BCA Academy with the completed application form, a copy of their NRIC/Passport and academic certificates.
- International student must apply with their passport or birth certificate, graduate certificate(s) and original transcript from their schools through our approved student recruitment agents. *(Please visit www.bcaa.edu.sg/you-are/a-prospective-student/list-of-international-agents for the list of recruitment agents.)*
- Admission Screening Test will be arranged by recruitment agents for international students.
- Applicant who pass the Admission Screening Test will be offered placement into the Diploma Programme. Unsuccessful applicant may be offered placement into the Foundation Programme.

Note: For any other qualifications, please inquire with the school directly.

FOUNDATION PROGRAMME (1-YEAR)

FOR LOCAL STUDENTS

LEVEL	REQUIREMENTS	GRADE
GCE 'N' level (Academic)	English Language (EL1) Mathematics Science Two other subjects	1 – 5 1 – 3 1 – 3 1 – 3
GCE 'O' level	English Language (EL1) Mathematics One other subject	1 – 8 1 – 7 1 – 7

FOR INTERNATIONAL STUDENTS

COUNTRY	LEVEL (SUBJECT)	GRADE
People's Republic of China	Completed Year 11 of Senior Middle School	Completed and passed English, Mathematics, Science and 2 relevant subjects
Myanmar	Completed 10th standard of the Basic Education High School	

COURSE FEE

NATIONALITY	FEES* PER YEAR (incl of GST)
Singapore Citizen	S\$360.00
Singapore Permanent Resident	S\$2,350.00
International Student	S\$9,900.00

SUBMISSION OF APPLICATION

Interested applicant can apply once the GCE 'N' level result is released in December. Application form can be downloaded at www.bcaa.edu.sg/FP.aspx

**All fees are in Singapore Dollar inclusive of prevailing 7% Goods and Services Tax. The fees are subjected to review and change every year.*

NATIONAL SERVICE (NS) DEFERMENT

Singaporean applicant who is keen for a placement at BCA Academy but is liable for NS will be required to indicate the enlistment date on the application form. In the event that a placement is offered at BCA Academy, the NS may be deferred till the completion of the Diploma study.

DIPLOMA PROGRAMME (3-YEAR)

APPLICANT WITH GCE 'O' LEVEL

DIPLOMA IN:	MINIMUM ENTRY REQUIREMENTS	GRADE
Construction Engineering Electrical Engineering and Clean Energy Facilities Management Mechanical Engineering (Green Building Technology) Quantity Surveying	- English Language (EL1), and - Mathematics, and - One relevant subject: <ul style="list-style-type: none"> Physical Science Integrated Science Combined Science Chemistry Science (Physics, Biology) Science (Physics, Chemistry) Science (Physics, Chemistry, Biology) Electricity & Electronics Additional Combined Science Physics Biology Science (Chemistry, Biology) Design & Technology 	1 – 7 1 – 6 1 – 6
Construction Information Technology	- English Language (EL1), and - Mathematics, and - One relevant subject: <ul style="list-style-type: none"> Physical Science Science (Physics, Chemistry, Biology) Integrated Science Combined Science Science (Physics, Biology) Design & Technology Additional Combined Science Physics Science (Physics, Chemistry) Electricity & Electronics 	1 – 7 1 – 6 1 – 6
Architecture (Technology) Design (Interior and Landscape)	- English Language (EL1), and - Art or Design & Technology, and - One relevant subject	1 – 7 1 – 6 1 – 6

- Applicant whose GCE 'O' level results did not meet the required grade in English or Mathematics or Art/D&T may take BCA Academy's English or Mathematics or design test. This will help BCA Academy to reassess the applicant's eligibility into the diploma programme.
- Applicant with other academic qualification and experience may be considered for admission on a case by case basis.

APPLICANT FROM INSTITUTE OF TECHNICAL EDUCATION, SINGAPORE

DIPLOMA IN:	MINIMUM ENTRY REQUIREMENTS
Architecture (Technology) Construction Information Technology Construction Engineering Design (Interior and Landscape) Electrical Engineering and Clean Energy Facilities Management Mechanical Engineering (Green Building Technology) Quantity Surveying	Higher NITEC in a relevant discipline OR GCE 'N' levels and NITEC in a relevant discipline with a minimum GPA of 2.75

Note: Higher NITEC applicant with GPA of 3.0 or higher may be granted course exemption for relevant courses on a case-by-case basis, and may complete the diploma programme in less than 3 years.

APPLICANT WITH OTHER QUALIFICATION

- All international students without GCE 'O' level, Higher NITEC or NITEC must sit for Admission Screening Test for English and Mathematics or Design, depending on their choice of Diploma. Admission Screening Tests are conducted regularly in Singapore and overseas (please check for details of the location and dates of Admission Screening Tests in our website).
- Applicant will be assessed based on the equivalence of their qualification to the GCE 'O' level examination. Those with the qualification but do not meet the subject/grade for 1 or more subjects from the tables below are still required to take the Admission Screening Test.
- Any other qualifications can be considered on a case-by-case basis.

TABLE A – ADMISSION SCREENING TEST IS NOT REQUIRED FOR THE FOLLOWING QUALIFICATIONS

COUNTRY	LEVEL / QUALIFICATION	SUBJECT	GRADE
Brunei	• Brunei GCE 'O' Level	• Same as candidate from Singapore GCE 'O' Level	
Malaysia	• Unified Examination Certificate (UEC)	• English Language • Any Mathematics Subject • Any Relevant Subject	At least B6 for all
	• Unified Examination Certificate - Vocational (UECV)	• English Language • Any Mathematics Subject • Any Engineering Relevant Subject	At least B6 for all
	• Sijil Pelajaran Malaysia (SPM) • Sijil Pelajaran Malaysia Vokasional (SPMV)	• Bahasa Inggeris • Any Mathematics Subject • Any Relevant Subject	At least C for all
	• Sijil Tinggi Persekolahan Malaysia (STPM)	• General Paper (English Medium) Or, SPM Bahasa Inggeris • Any Mathematics Subject • Any Relevant Subject	At least C for all
OTHER QUALIFICATION		SUBJECT	GRADE
- General Certificate of Secondary Education (GCSE) - International General Certificate of Secondary Education (IGCSE)		• English • Mathematics • Any Relevant Science Subject	At least C for all
International Baccalaureate (IB) Diploma		• English • Mathematics • Any Relevant Subject	At least 5 out of 7 for all

TABLE B – ADMISSION SCREENING TEST REQUIRED FOR THE FOLLOWING QUALIFICATIONS

COUNTRY	LEVEL / QUALIFICATION	SUBJECT / GRADE
China	Completed Year 12 of Senior Middle High School/ National College Entrance Examination (NCEE) (Gao Kao, 高考)	Completed and passed English, Mathematics and relevant subjects
India	- Secondary School Certificate (Year 10) from the following Boards: • Indian Certificate of Secondary Examinations (ICSE) • Central Board of Secondary Education Examinations (CBSE) • Maharashtra Board • Kerala Board • Gujarat Board • Karnataka Board • Tamil Nadu Board - Higher Secondary Certificate (Year12) from All Examination Boards.	Pass in English, Mathematics and at least 1 relevant subject
Indonesia	National Final Evaluation Examinations Ujian Akhir Nasional (UAN) • Sekolah Menengah Atas (SMA) • Sekolah Menengah Kejuruan (SMK)	
Myanmar	Basic Education High School (BEHS) 11th Standard	
Philippines	High School Diploma	
Vietnam	Completed Year 12 High School Graduation Certificate of National Examination	

FEES

DIPLOMA PROGRAMMES	FEES* (per academic year inclusive of GST)		
	Singapore Citizen	Permanent Resident	International Student
Architecture (Technology)	S\$4,600.00	S\$5,700.00	S\$9,900.00
Construction Information Technology	S\$3,100.00	S\$4,200.00	S\$9,900.00
Construction Engineering	S\$3,100.00	S\$4,200.00	S\$9,900.00
Design (Interior & Landscape)	S\$4,400.00	S\$5,500.00	S\$9,900.00
Electrical Engineering & Clean Energy	S\$3,100.00	S\$4,200.00	S\$9,900.00
Facilities Management	S\$3,100.00	S\$4,200.00	S\$9,900.00
Mechanical Engineering (Green Building Technology)	S\$3,100.00	S\$4,200.00	S\$9,900.00
Quantity Surveying	S\$3,100.00	S\$4,200.00	S\$9,900.00

OTHERS	FEES* (per academic year inclusive of GST)	
	Singapore Citizen /PR	International Student
Miscellaneous Fee	S\$34.00 per year	S\$34.00 per year
English Preparatory Course	Not Applicable	S\$892.50 per year

*All fees are in Singapore Dollar inclusive of prevailing 7% Goods and Services Tax. The fees are subjected to review and change every year.

BCA-INDUSTRY BUILT ENVIRONMENT DIPLOMA SCHOLARSHIP/SPONSORSHIP

These Scholarships & Sponsorships provide attractive financial incentives of minimum S\$7,000 per year. It is applicable to students with outstanding academic results and performance in co-curricular activities. For more information, please refer to http://www.buildingcareers.sg/builtenvironmentscholarship_diploma.aspx

BURSARY

Singaporean who satisfy income eligibility requirements may apply for BCA Academy bursaries. Please contact BCA Academy for further details.

ENGLISH PREPARATORY COURSE (EPC)

EPC is compulsory for all international students. Applicant with one of the following certificates will be accepted:

- 1) International English Language Testing System (IELTS) with an overall band score minimum of 5.5, OR
- 2) Test of English as a Foreign Language (TOEFL) with a minimum of 550

NEW ACCELERATED DIPLOMA OPTION

Student who is enrolled into the 3-year Diploma study can choose to complete in 2 or 2.5 years#. Student can decide on this Accelerated Diploma pathway while pursuing the Diploma.

Subject to meeting minimum class size.

FURTHER STUDIES

AUSTRALIA	PROGRAMME
BOND UNIVERSITY	Bachelor of Construction Management & Quantity Surveying
	Bachelor of Architectural Studies
CURTIN UNIVERSITY	Bachelor of Arts (Interior Architecture)
	Bachelor of Applied Science (Construction Management and Economics)
JAMES COOK UNIVERSITY	Bachelor of Engineering (Civil)
QUEENSLAND UNIVERSITY OF TECHNOLOGY	Bachelor of Applied Science (Construction Management)
	Bachelor of Applied Science (Quantity Surveying)
RMIT UNIVERSITY	Bachelor of Civil Engineering
	Bachelor of Applied Science in Construction Management (BCM)
UNIVERSITY OF ADELAIDE	Bachelor of Engineering (Architecture Engineering)
	Bachelor of Engineering (Mechanical)
	Bachelor of Engineering (Civil & Structural)
	Bachelor of Engineering (Civil & Environmental)
UNIVERSITY OF NEWCASTLE	Bachelor of Construction Management (Building)
UNIVERSITY OF SOUTH AUSTRALIA	Bachelor of Construction Management and Economics
	Bachelor of Interior Architecture
UNIVERSITY OF TECHNOLOGY, SYDNEY	Bachelor of Construction Project Management
UNIVERSITY OF WOLLONGONG	Bachelor of Engineering (Civil)
	Bachelor of Engineering (Civil and Engineering)
SINGAPORE	PROGRAMME
NANYANG TECHNOLOGICAL UNIVERSITY	Bachelor of Engineering (Civil Engineering)
	Bachelor of Engineering (Mechanical Engineering)
SIM UNIVERSITY	Bachelor of Building and Project Management
	Bachelor of Science in Facilities and Events Management
UNITED KINGDOM	PROGRAMME
UNIVERSITY OF THE WEST OF ENGLAND, BRISTOL	Bachelor (Hons) Construction Project Management
	Bachelor (Hons) Quantity Surveying and Commercial Management

NOTE:

- BCA Academy diploma graduates will enjoy advanced standings for admission into undergraduate degree programmes in local and overseas universities.
- For undergraduate degree programme not listed here, please inquire with the university directly.

BCA ACADEMY



200 Braddell Road Singapore 579700

Tel: 6248 9999 • Fax: 6258 0558

www.bcaa.edu.sg



APPLICATION FORM

Full-time Diploma Programmes (please ✓ accordingly):

☐ **Local Student** ☐ **International Student**

Programme Applied: _____

Attached 2
passport size
photograph

For Official Use	Yes	No
Meet Entry Requirement		
Meet Special Qualification		
Officer-in-charge's name/signature/date		

1. PERSONAL PARTICULARS

Given Name (as in Passport / NRIC): <small>(in BLOCK letters / underline surname)</small>		NRIC / FIN No:	
Preferred Name:		Date of Birth: <small>(DD/MM/YYYY)</small>	
Chinese Characters: <small>(if applicable)</small>		IC Type: Pink / Blue (please circle) *For Singaporeans / PR Only	
		Gender: Male / Female (please circle)	
Nationality:	Place of Birth:	Race:	
Passport No.: <small>(for foreign applicants)</small>	Passport Expiry Date:	Religion:	
Home Address:			
		Postal Code:	
Email:	Home No.:		
Alternative Email:	Mobile No.:		

2. FOR INTERNATIONAL STUDENT ONLY

Guardian's Name:	Home No.:
Local Address:	Mobile No.:
	Postal Code:
Agent's Name:	Office No.:
Local Address:	Mobile No.:
	Postal Code:

3. PARENT DETAILS

Parent's Name:	Relationship:
Communication Medium: <small>(all languages that are relevant)</small>	Nationality:
Address:	
	Postal Code:
Country:	Home No.:
Religion:	Race:
	Mobile No.:
Email:	Office No.:
Alternative Email:	Fax No.:

4. QUALIFICATIONS

Subject	Grade
English	
Mathematics	
Science / D&T / Art	
IELTS	
TOEFL	
Other (please specify)	
Other (please specify)	

Highest Qualification:
For oversea qualification, please state the name of examining board

Institution:

Year Passed:

Medium of Instruction:

Country:

Please enclose a copy of academic qualification together with the application.

5. SUBMISSION OF APPLICATION

Interested applicants can apply once the GCE 'O' level result is released in January. Submit following documents to apply for the Diploma Programmes:

- Completed application form (application form can be downloaded at <http://www.bcaa.edu.sg/AdmissionRequirements.aspx>)
- Certified true copy of GCE 'O' level transcript and certificate
- Certified true copy of Higher NITEC transcript and certificate
- A photocopy of Identification Card or Passport
- A photocopy of Identification Card or Passport of Guardian (only for international students)

All completed application form with supporting documents may be submitted by post/in person to: BCA Academy, 200 Braddell Road, Singapore 579700.

ATTENTION: School of Building and Development (Diploma Programme application)

NOTES:

1. Successful applicants of Diploma in Construction Information Technology are required to buy their own computers (notebooks).
Successful applicants of all other Diploma Programmes are strongly encouraged to bring their own computers (notebooks) for class.
2. Please note that the particulars provided will be used solely for application consideration.

6. HOW DID YOU FIND OUT ABOUT BCA ACADEMY AND ITS DIPLOMA PROGRAMMES? (please ✓ accordingly)

- ☐ Friends
- ☐ Newspaper
- ☐ Website
- ☐ Others (please specify) _____

DECLARATION

I declare that the particulars given are true and correct to the best of my knowledge. I am aware that my application does not guarantee admission and agree to allow BCA to disclose to other government agencies and/or the Government any information relating to me/us in connection with, arising from or relating to this application, including but not limited to my/our personal particulars and my/our test results.

Signature of Applicant / Date

FOR OFFICIAL USE

Application No.: _____ Official Receipt No.: _____