<table>
<thead>
<tr>
<th>BCA’s Manpower Development Programmes</th>
<th>Target Audience</th>
<th>Benefits (with effect from 2013) (Co-sponsored by BCA and Industry Partners)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Degree</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Undergraduate Scholarship (Full-time) | • A-level holders  
• Diploma holders | • Minimum S$18,000 per local scholar per year  
• Minimum S$14,000 per foreign scholar per year (only for engineering courses) |
| Undergraduate Sponsorship (Full-time) | • Undergraduates in NUS, NTU & SUTD | • Minimum S$10,000 per sponsored local student per year |
| Undergraduate Sponsorship (Part-time) | • In-service personnel | • Full course fees subsidy per sponsored local existing employee per year |
| **Diploma** |
| Diploma Scholarship & Sponsorship | Diploma Study Phase  
• O-level holders  
• ITE graduates  
• Students in Polytechnics or BCA Academy | Stage 1  
**Scholarship** - Full course fees subsidy and $900 monthly allowance per local / foreign scholar per year  
**Sponsorship** - $7,000 annual allowance per local / foreign sponsored student per year |
| Post-Diploma Development Phase  
• Graduates from Diploma Study phase  
• Diploma holders in built environment courses | Stage 2  
• Equivalent monthly remuneration of at least $2,500  
• Structured On-Job-Training and Upgrading opportunities |
| **ITE** |
| ITE Scholarship | • O & N - level holders in ITE’s full-time built environment courses | • Full course fees and $500 monthly allowance per local scholar per year |
| Built Environment Apprenticeship | Tradesman Development Phase  
• O & N - level holders in ITE Traineeship | Stage 1  
• Minimum monthly salary of $1,400 per local apprentice  
• Fully subsidised vocational training at ITE & BCA Academy  
• Qualify for BCA’s CoreTrade Trademan registration |
| Foreman Development Phase  
• ITE graduates from Tradesman Development Phase  
• Mid-career job seekers  
• Existing tradesmen | Stage 2  
• Equivalent monthly remuneration of at least $2,350 per local apprentice  
• Fully subsidised part-time training at BCAA  
• Qualify for CoreTrade Foreman registration |
BCA-Industry Built Environment Undergraduate Scholarship/Sponsorship

For Full-Time Students

WORKFORCE DEVELOPMENT

BCA-Industry Built Environment Undergraduate Scholarship / Sponsorship

BCA-Industry Built Environment Diploma Scholarship / Sponsorship

Built Environment ITE Scholarship

Built Environment Apprenticeship

S’porean/SPR

$18,000/yr

Govt: $12,000/yr

Industry firm: $6,000/yr

$14,000/yr

Govt: $6,000/yr

Industry firm: $8,000/yr

Foreigners (engineering courses only)

S’porean/SPR

$10,000/yr

Govt: $7,000/yr

Industry firm: $3,000/yr

1-yr bond for every year scholarship/sponsorship (max 3 yr)

COURSES AVAILABLE FOR APPLICATION AT NUS/NTU/SUTD

Architecture • Civil Engineering • Electrical Engineering • Environmental Engineering • Mechanical Engineering • Project & Facilities Management • Real Estate
HOW TO APPLY?

Industry firms who are keen to sponsor their local employees will have to submit a joint-application with employee details to BCA. For enquiries, please contact:

Ms Rachel Leu  
Tel: 6325 5184  
Email: rachel_leu@bca.gov.sg

or

Ms Fern Zheng  
Tel: 6325 5924  
Email: fern_zheng@bca.gov.sg

WHAT IS THE BCA-INDUSTRY BUILT ENVIRONMENT UNDERGRADUATE SPONSORSHIP (FOR PART-TIME DEGREE)?

The Undergraduate Sponsorship (for Part-Time Degree) is a partnership between BCA and industry firms to offer existing employees of high calibre an opportunity to upgrade by taking up built environment courses at local universities.

While working full-time with the firm, the employee receives financial incentives during his/her part-time Degree study. Upon graduation, the sponsored employee would fulfil a 2-year bond with the firm.

ELIGIBILITY

Industry firms who are keen to sponsor and upgrade their existing local employees who:

a. are Singapore Citizens* or Singapore Permanent Residents and

b. are currently pursuing or intending to pursue part-time built environment courses at National University of Singapore (NUS), Nanyang Technological University (NTU) and UniSIM, in collaboration with BCA Academy (BCAA) and Singapore Polytechnic (SP).

* Male applicants must have completed or be exempted from full-time National Service.

TENABLE PART-TIME DEGREE BUILT ENVIRONMENT COURSES

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUS</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>NTU</td>
<td>Electrical and Electronic Engineering</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>UniSIM/BCAA</td>
<td>Building and Project Management</td>
</tr>
<tr>
<td>UniSIM/BCAA/SP</td>
<td>Facilities and Events Management</td>
</tr>
</tbody>
</table>

VALUE OF AWARD

Participating firm will sponsor 30% of the full course fees and BCA will co-fund the rest. For cases where the sponsored employee is eligible for Ministry of Education (MOE) subsidy, the sponsor firm and BCA will co-fund the remaining course fees after the MOE subsidies.

APPLICATION PROCESS

Joint Application by Employee and Firm

Employee’s Eligibility:
- Singaporean / Singapore Permanent Resident
- Accepted by local University
- Enrolled in BCA approved list of Part-time Degree Built Environment courses
- Supported by Firm
- Existing employee of sponsoring Firm

Payment of Course fees:
Firm to pay upfront & seek reimbursement from BCA.

BCA-Industry Sponsorship for local existing employees

1. Government
   70% of course fees

2. Sponsor Firm
   30% of course fees

Study at NUS/NTU/UniSIM

Degree Graduate
(2-year bond with the sponsoring firm)
STAGE 1
DIPLOMA STUDY PHASE

ELIGIBILITY
- Locals (Singapore Citizens and Singapore Permanent Residents) at entry level to local Polytechnics / BCA Academy, or in their first year of studies
- Foreigners with GCE ‘O’ level results / ITE results at entry level to local Polytechnics / BCA Academy
- Foreigners in their first year of studies at the local Polytechnics / BCA Academy
- Outstanding academic results
- Excellent GPA records

VALUE OF AWARD AND BOND
- Scholarship covers full course fees and $900 monthly allowance. Locals will serve a 1-year bond for every year of Scholarship whereas foreigners will serve a 2-year bond for every year of Scholarship.
- Sponsorship covers $7,000 annual allowance which comes with a 1-year bond for every year of Sponsorship.

STAGE 2
POST DIPLOMA DEVELOPMENT PHASE

ELIGIBILITY
- Graduates from Stage 1 Diploma Study Phase.
- Locals who are diploma holders from built environment courses, with less than 3 years experience in the built environment sector.

BENEFITS
- The graduate will earn an equivalent monthly remuneration of at least $2,000 for locals.
- Upgrading opportunities through part-time built environment advanced / specialist diploma courses.
- Subject to the presence of a sponsoring firm

TENABLE FULL-TIME BUILT ENVIRONMENT DIPLOMA COURSES

SINGAPORE POLYTECHNIC
- Architecture
- Civil Engineering with Business
- Clean Energy
- Electrical & Electronic Engineering
- Environmental Management & Water Technology
- Hotel & Leisure Facilities Management
- Integrated Events & Project Management
- Interior Design
- Landscape Architecture
- Mechanical Engineering

BCA ACADEMY
- Construction Engineering
- Construction Information Technology
- Design (Interior & Landscape)
- Electrical Engineering & Clean Energy
- Mechanical Engineering (Green Building Technology)
- Quantity Surveying
- Strategic Facilities Management

NGEE ANN POLYTECHNIC
- Energy Management
- Electrical Engineering
- Environmental & Water Technology
- Hotel & Leisure Facilities Management
- Mechanical Engineering
- Real Estate Business
- Sustainable Urban Design & Engineering

TENABLE PART-TIME BUILT ENVIRONMENT ADVANCED / SPECIALIST DIPLOMA COURSES

BCA ACADEMY
Specialist Diploma in Building Cost Management
Specialist Diploma in Building Information Modeling (BIM)
Specialist Diploma in Construction Management
Specialist Diploma in Facility & Energy Management
Specialist Diploma in Interior & Landscape Design
Specialist Diploma in M & E Coordination

NGEE ANN POLYTECHNIC
Specialist Diploma in Facility Management

SINGAPORE POLYTECHNIC
Advanced Diploma in Building Automation & Services
Specialist Diploma in Energy Efficiency & Management

From Left: [Wong Wee Lu, BCA-Swee Hong Scholar, SP Civil Engineering with Business] [Beena Cheok Ming Zhu, BCA-Gai-Dan Scholar, TP Clean Energy] [Wong Meihong, BCA-Wai Hau Scholar, SP Civil Engineering with Business] [Low Yip Syan, BCA-Deluge Fire Protection Scholar; BCA Academy Strategic Facilities Management]
WHAT IS THE BCA-INDUSTRY BUILT ENVIRONMENT DIPLOMA SCHOLARSHIP / SPONSORSHIP?

The Diploma Scholarship / Sponsorship is a partnership between BCA and industry players to offer young people of high calibre an opportunity to take up full-time built environment courses at local Polytechnics and the BCA Academy.

The programmes are structured in two stages. Stage 1 provides financial incentives during diploma study. Stage 2 provides a clear progression path and attractive remuneration for diploma graduates.

BCA-INDUSTRY BUILT ENVIRONMENT DIPLOMA SCHOLARSHIP / SPONSORSHIP

STAGE 1

DIPLOMA STUDY

<table>
<thead>
<tr>
<th>SCHOLARSHIP</th>
<th>SPONSORSHIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Course Fee + Allowance ($900 Per Month)</td>
<td>Annual Allowance $7,000</td>
</tr>
</tbody>
</table>

Study at Polytechnics / BCA Academy

Diploma Graduate

*Min. 2-year bond with sponsoring firm*

STAGE 2

POST-DIPLOMA DEVELOPMENT

Diploma Graduate

Min. equivalent monthly remuneration $2,300 (for locals)

Min. Monthly Basic Salary

1st Year: $2,000
2nd Year: $2,250

Upgrading Incentive

1st Year:
- 6-monthly payout of $3,000
2nd Year:
- 6-monthly payout of $1,500

Working Full-Time (Experience)

Structuring On-Job-Training

1st Year:
- Part-time Training (Advanced / Specialist Diploma)

STAGE 2

STAGE 2

POST-DIPLOMA DEVELOPMENT

Diploma Graduate

Min. equivalent monthly remuneration $2,300 (for locals)

Min. Monthly Basic Salary

1st Year: $2,000
2nd Year: $2,250

Upgrading Incentive

1st Year:
- 6-monthly payout of $3,000
2nd Year:
- 6-monthly payout of $1,500

Working Full-Time (Experience)

Structuring On-Job-Training

1st Year:
- Part-time Training (Advanced / Specialist Diploma)

To apply, visit our Building Careers Portal!

www.buildingcareers.sg

BUILDING AND CONSTRUCTION AUTHORITY

We shape a safe, high quality, sustainable and friendly built environment.

If you have any enquiries, please contact us at:
Tel: 6325 2097 (office hours) or email us at bca_best@bca.gov.sg
TENABLE FULL-TIME
BUILT ENVIRONMENT COURSES

- Higher Nitec in Civil & Structural Engineering Design
- Higher Nitec in Electrical Engineering
- Higher Nitec in Facility Management
- Higher Nitec in Facility Systems Design
- Nitec in Electrical Technology (Power and Control)
- Nitec in Facility Technology (Aircon and Refrigeration)
- Nitec in Facility Technology (M & E Services)
- Nitec in Facility Technology (Vertical Transportation)
- Nitec in Space Design (Architecture)
- Nitec in Space Design (Interior and Exhibition)

APPLICATION PROCESS

1. Candidates submit applications to BCA
2. BCA shortlists & interviews candidates
3. BCA informs successful candidates of outcome
4. Deed signing
5. Student studies full-time at ITE
6. Student graduates with Higher Nitec/Nitec

To apply, visit our Building Careers Portal
www.buildingcareers.sg
WHAT IS THE BUILT ENVIRONMENT ITE SCHOLARSHIP?

The Scholarship is offered by BCA, in collaboration with ITE, to young talents pursuing full-time built environment courses at ITE. Through this programme, scholars will be able to embark on an exciting and rewarding career following their graduation.

Built Environment ITE Scholarship

$500 Monthly Allowance + Full Course Fee Subsidy

Full-time Study At ITE

Nitec / Higher Nitec Graduate

Join Industry*/Pursue Further Studies

WHAT ARE MY OPTIONS AFTER COMPLETING THE PROGRAMME?

PROGRESSION PATHWAYS

ITE Graduate Scholar

Qualifies For BCA CoreTrade Registration

Join Industry Through BCA’s Apprenticeship* Or NBQ*

Admission Into Local Polytechnic/BCA Academy

Embark On BCA Undergraduate Scholarship/Sponsorship

BCA Part-Time Undergraduate Sponsorship

Join Industry

Embark On BCA Diploma Scholarship/Sponsorship

Join Industry

CORETRADE PROGRESSION

The Construction Registration of Tradesmen (CoreTrade) is a registration scheme for skilled & experienced personnel in key higher value-added built environment trades. It comprises three classes – Tradesman, Foreman and Supervisor.

CoreTrade Tradesman ($2K*)

CoreTrade Foreman ($2.5K*)

CoreTrade Supervisor ($3.5K*)

*Average starting pay in 2013

# The Apprenticeship Programme is a part work - part study scheme combining attractive remuneration and career progression path, qualifying locals for the CoreTrade Foreman registration.

@ The National Building Qualification (NBQ) is a 2-year programme qualifying locals for the CoreTrade Supervisor registration.

VALUE OF AWARD

• Scholarship covers the full course fees and provides a $500 monthly allowance during the course duration.

ELIGIBILITY

• Locals (Singapore Citizens and Singapore Permanent Residents)
• Good academic results (GCE N-level and O-level or ITE results)
• Excellent CCA records

* Scholars will serve a 2-year bond in the built environment sector after graduation and completion of national service, if applicable.
STAGE 1
TRADESMAN DEVELOPMENT PHASE

WHAT IS STAGE 1?
Stage 1 is a partnership between BCA and the Institute of Technical Education (ITE), where the apprentice will concurrently work with his/her employer and attend vocational training at the ITE and BCA Academy (BCAA).

WHAT ARE THE BENEFITS?
Apprentices will earn a minimum monthly basic salary of $1,400. The training course fees will be fully sponsored by their employers. Upon completion, the apprentice will graduate with both a Nitec qualification & industry recognised skills certificate, which will qualify him/her for BCAs CoreTrade Tradesman registration.

WHO CAN APPLY?
Local O-level and N-level holders joining the ITE Traineeship scheme are eligible to apply.

WHERE IS THE TRAINING CONDUCTED?
Apprentices will undergo on-job-training with their employers and attend classroom-based vocational training (typically 1 to 2 full days per week) at ITE and BCA.

WHAT ARE THE COURSES OFFERED?

<table>
<thead>
<tr>
<th>ITE Traineeship</th>
<th>BCA Academy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitec in Facility Technology (Mechanical &amp; Electrical Services)</td>
<td>Trade Diploma in Plumbing Technology (part-time)</td>
</tr>
<tr>
<td></td>
<td>Trade Diploma in Electrical Technology (part-time)</td>
</tr>
</tbody>
</table>

Note:
1. Courses offered could be subject to changes
2. For more information on ITE's Traineeship Scheme, please visit www.ite.edu.sg/wp/wp_portal/fts

STAGE 2
FOREMAN DEVELOPMENT PHASE

WHAT IS STAGE 2?
In Stage 2, the apprentice will work full-time with his/her employer and pursue part-time vocational training at the BCAA.

WHAT ARE THE BENEFITS?
Apprentices will earn an equivalent basic salary of at least $2,350. The training course fees will be fully sponsored by their employers as well. The Apprentice will graduate with a Trade Diploma, which will help him/her to qualify for BCAs CoreTrade Foreman registration.

WHO CAN APPLY?
ITE Graduates from Stage 1 as well as local Jobseekers, and existing local Tradesmen are eligible to apply.

WHERE IS THE TRAINING CONDUCTED?
The apprentice will undergo on-job-training with his/her employer and attend classroom-based skills training at the BCAA (typically 1 full-day & 3 evening per week).

WHAT ARE THE COURSES OFFERED*?
- Trade Diploma in Electrical Technology
- Trade Diploma in Plumbing Technology
- Trade Diploma in Reinforced Concrete Construction
- Trade Diploma in Structural Steel Works
- Trade Diploma in Tiling & Stone Laying
- Trade Diploma in Waterproofing

* Subject to formation of a minimum class size
WHAT IS THE BUILT ENVIRONMENT APPRENTICESHIP?

This is a two-stage programme combining work and classroom-based vocational training in the building & construction sector. It provides apprentices with an opportunity to earn attractive remunerations and embark on a progression path through the Building and Construction Authority's (BCA) CoreTrade® Scheme. Apprentices may join the programme either in Stage 1 or Stage 2.

BUILT ENVIRONMENT APPRENTICESHIP

CORETRADE PROGRESSION PATH

Apprentice ➔ CoreTrade Tradesman ➔ CoreTrade Foreman ➔ CoreTrade Supervisor

STAGE 1

ITE TRAINEE (2 YEARS)

Min. Monthly Basic Salary $1,400 ➔ Part Study (ITE & BCAA) ➔ Part Work ➔ NITEC + Industry Certification ➔ CoreTrade Tradesman

STAGE 2

CORETRADE TRADESMAN / JOBSEEKER (2 YEARS)*

Min. Equivalent Monthly Salary $2,350 ➔ Upgrading Incentive

Min. Monthly Basic Salary
1st Yr: $1,850
2nd Yr: $2,100 ➔ 1st Year: 6-monthly payout of $3,000 ➔ 2nd Year: 6-monthly payout of $1,500

Work ➔ Part-time Training (BCAA) ➔ Experience ➔ CoreTrade Foreman

STAGE 2

Prospective apprentice joins employer, following interview process

Apprenticeship Agreement between BCA, Employer & Apprentice

Traineeship Agreement between ITE, Employer & Apprentice

Apprenticeship Agreement between BCA & Apprentice

Full-time work

Part-time training at BCAA

1-2 days Off-job-training at ITE & BCAA

On-job-training

Apprentice graduates with Nitec & BCA skills Certificate (equivalent for CoreTrade Tradesman)

To apply, please contact us at the BCA job & Career Helpline at Tel: 6335 2097 (office hours) or email us at bca_best@bca.gov.sg

Building and Construction Authority

We shape a safe, high quality, sustainable and friendly built environment.

* The Construction Registration of Tradesman (CoreTrade), is a workers registration scheme administered by BCA for skilled and experienced construction personnel in key construction trades.

* Male participants would only be eligible for Stage 2 upon completion of National Service.
The BCA–industry Built environment Undergraduate Scholarship scheme is a collaborative effort between the Building and Construction Authority (BCA) and leading industry players to attract new talents to continuously deliver a safe, high quality, sustainable and friendly built environment.

The scholarship offers young people of high calibre and vision aspiring to take on a career with a unique difference — a challenging, fulfilling, and rewarding career that allows them to contribute to society and the built environment at the same time.

Designed to groom a new generation of top-notch building industry professionals, you will lead and transform the built environment into one that’s safe, high quality, user-friendly, and above all, green and sustainable. More importantly, the scholarship lets you shape an exciting path to a better future for yourself.

This scholarship is tenable for studies at the National University of Singapore (NUS), Nanyang Technological University (NTU) and the Singapore University of Technology & Design (SUTD).

So how does the BCA–Industry Built Environment Undergraduate Scholarship offer a career that’s uniquely different? For an answer to that, hear from our BCA–Industry Built Environment scholars who are embarking on a career to make a significant difference to society and our built environment.

2013 BCA–INDUSTRY BUILT ENVIRONMENT SPONSORS

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- Capitaland Limited  www.capitaland.com
- Chye Joo Construction Pte Ltd  www.chyejoo.com.sg
- City Developments Limited  www.cdli.com.sg
- Consultants Incorporated Architects + Planners  www.ciap.sg
- CPG Corporation Pte Ltd  www.cpgcorp.com.sg
- DCA Architects Pte Ltd  www.dca-architects.com
- DP Architects Pte Ltd  www.dpa.com.sg
- Greatearth Construction Pte Ltd  www.greatearth.com.sg
- Hock Lian Seng Infrastructure Pte Ltd  www.hlsgroup.com.sg
- Huatiang Contractor Pte Ltd  www.huatiang.com
- Hwa Seng Builder Pte Ltd  www.hwaseng.com.sg
- JGP Architecture (S) Pte ltd  www.jgp-group.com
- Koh Brothers Building & Civil Engineering Contractor (Pte) Ltd  www.kohbrothers.com
- Koon Construction & Transport Co. Pte Ltd  www.koon.com.sg
- KTC Civil Engineering & Construction Pte Ltd  www.ktgroup.com.sg
- Langdon & Seah Singapore Pte Ltd  www.langdonseah.com
- Lau Architects Pte Ltd  www.lauarchitects.com
- Land Lease Singapore Pte Ltd  www.landlease.com
- Liang Soon Construction Pte Ltd  www.liangsoon.com.sg
- LOOK Architects Pte Ltd  www.lookarchitects.com
- Low Keng Huat (Singapore) Limited  www.lkh.com.sg
- Lum Chang Building Contractors Pte Ltd  www.lcb.com.sg
- Meinhardt (Singapore) Pte Ltd  www.meinhardt.com.sg
- ONG&ONG Pte Ltd  www.ong-ong.com
- Or Kim Peow Contractors (Pte) Ltd  www.okp.listedcompany.com
- Penta-Ocean Construction Co. Ltd  www.penta-ocean.com
- Ph Consulting Pte Ltd  www.phconsult.com.sg
- Rider Levett Bucknall LLP  www.rlb.com
- RSP Architects Planners & Engineers (Pte) Ltd  www.rsp.com.sg
- Samwoh Corporation Pte Ltd  www.samwoh.com.sg
- Sembcorp Design and Construction Pte Ltd  www.sembcorpdc.com
- Singapore Institute of Architects  www.sia.org.sg
- Singapore Piling and Civil Engineering Pte Ltd  www.bbr.com.sg
- Singapore Structural Steel Society  www.ssss.org.sg
- Soild-Build (Pte) Ltd  www.soildbuild.com
- Straits Construction Singapore Pte Ltd  www.straitsconstruction.com
- Swee Hong Limited  www.sweehong.com
- Teambuild Engineering & Construction Pte Ltd  www.teambuild.com.sg
- The Singapore Contractors Association Limited  www.sca.com
- Tiong Seng Contractors (Pte) Ltd  www.tiongsing.com.sg
- Ultracon Structural Systems Pte Ltd  www.ultracon.com
- Woh Hup (Private) Limited  www.woh.com
- WT Partnership (S) Pte Ltd  www.wtpartnership.com
COURSES AVAILABLE FOR APPLICATION

• Architecture
• Civil Engineering
• Electrical Engineering
• Environmental Engineering
• Mechanical Engineering
• Project and Facilities Management
• Real Estate

CLOSING DATE
Application closes 2 weeks after the release of the GCE ‘A’ level results

Visit www.buildingcareers.sg for more information