

BCA ACADEMY

FORCE AHEAD. TOGETHER.

COURSE PORTFOLIO 2023





FORGE AHEAD TOGETHER

One can achieve very little if operating alone. Instead, working together can bring us plentiful opportunities to achieve greatness, together.

Driven by this belief, BCA Academy works very closely with industry professional bodies and associations, public agencies, institutes of higher learning from both local and overseas, to create an efficient and effective platform for collaborative learning, to forge into the future collectively.

FORGE AHEAD. TOGETHER.

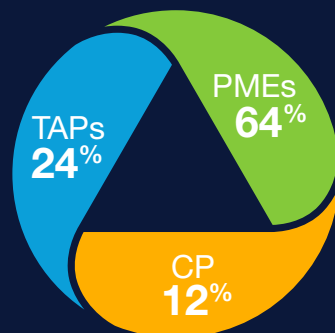
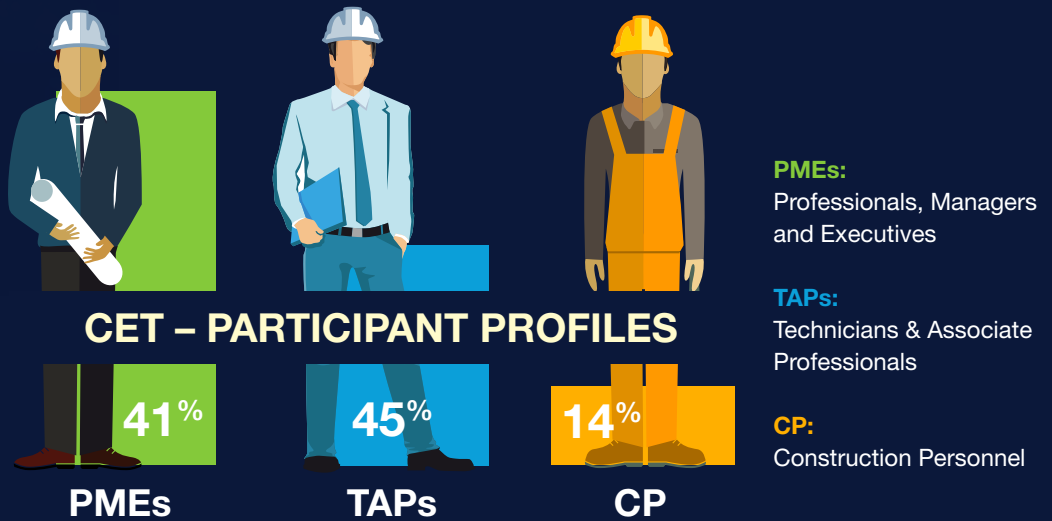
High-Impact

Business leaders today will need to re-imagine and re-invigorate business operations and strategies, to be agile and transform to a transitional leader. Equally important, building up a leadership pipeline will ensure continuous sustainability for the business.

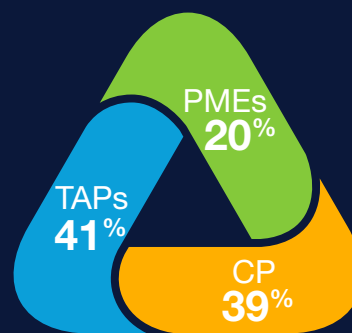
Exposing these leaders, at the appropriate stage of their careers, to differing tasks will deepen their understanding of business operations and strategic thinking to deliver high-impact results in the longer term.

- Established since 1984
- Cumulative trainees > 1,200,000 people

2022 Statistics



 136 Programmes



 44,575 Training Hours

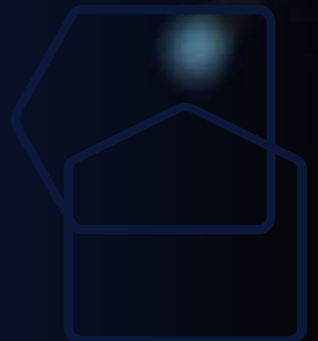
4 KEY FOCUS AREA

Enhancing Capability
and **FUTURE SKILLS**

Built Environment
**LEADERSHIP
DEVELOPMENT**

BE KNOWLEDGE HUB
through **PARTNERSHIPS**

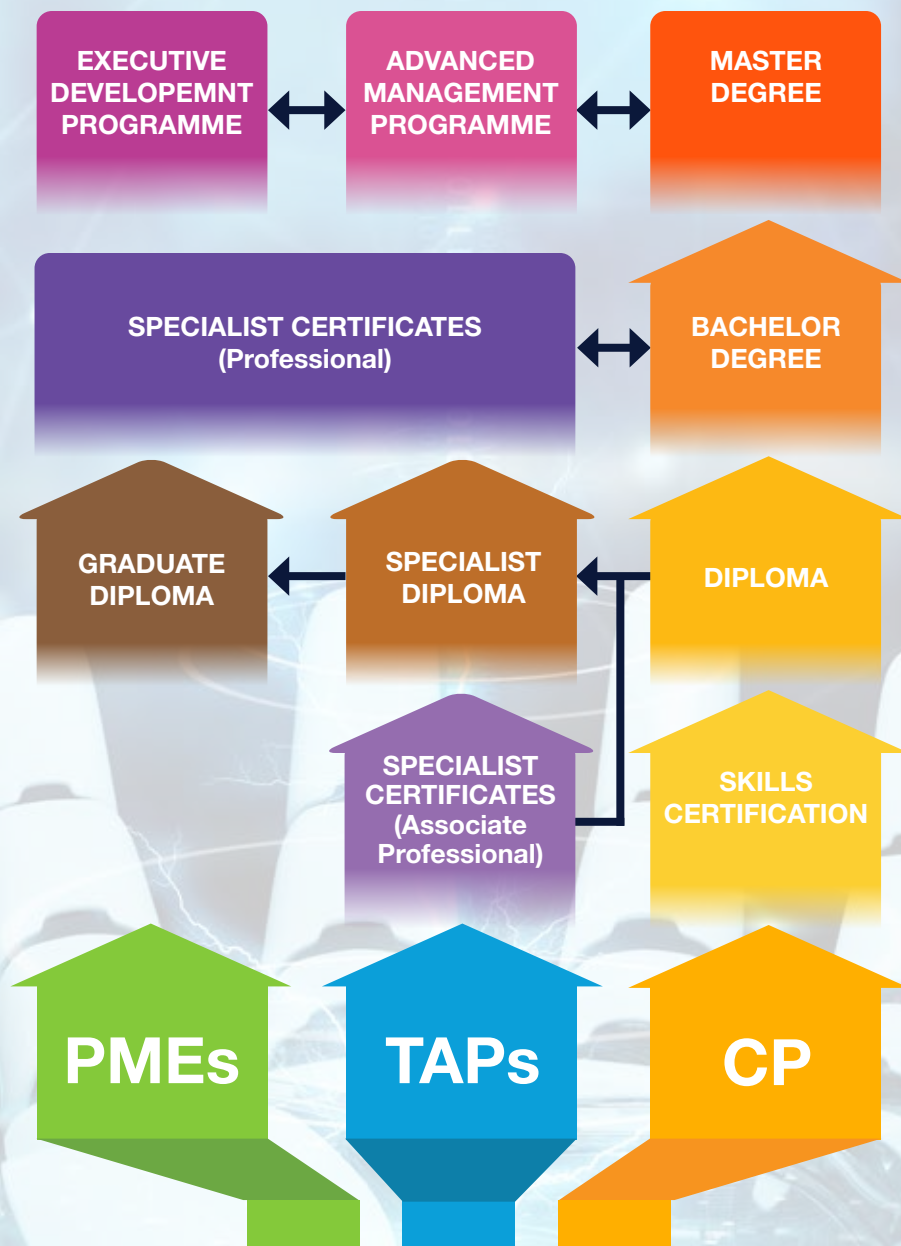
**ADVANCED LEARNING
INSTITUTION** and
LIVING LAB



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Inquisitive Mind

The drive for excellence requires a constant quest for curiosity – how can I do the same thing differently? How can the processes be improved to help me achieve better efficiency?





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Partnership

The world has become more integrated and interlinked. This calls for more collective collaboration amongst the industry stakeholders to achieve common goals.

It is imperative that industry trade associations, educational institutions, professional bodies, and also public agencies come together to establish strategic partnership to deliver a consolidated vision to strengthen the entire ecosystem and community.



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Perspectives & Insights

The advancement of digital technology and internet-of-things have leapfrogged the global economy. Organisations and individuals can only continue to progress with the right perspectives and insights that will propel greater achievement.

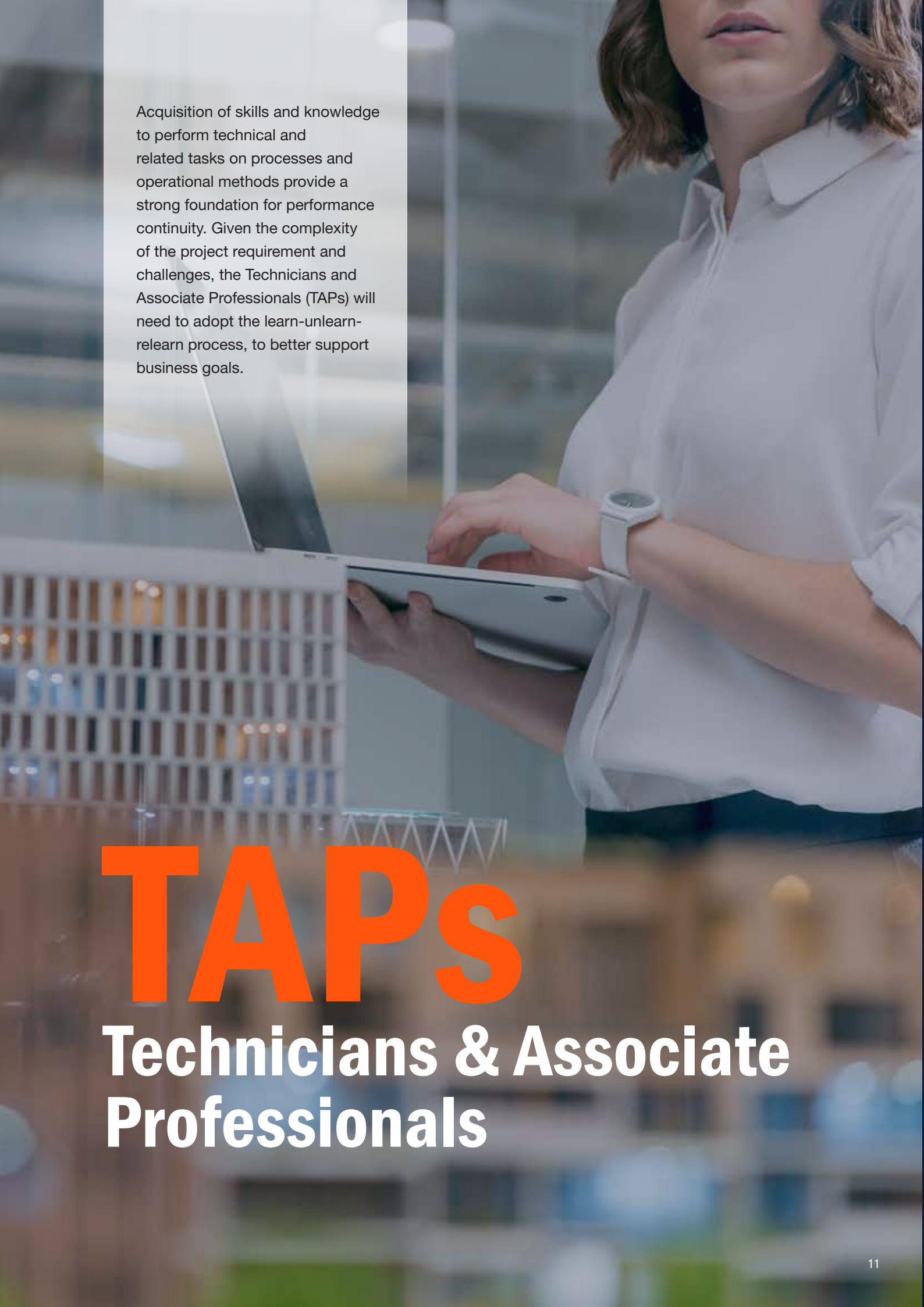
PMEs

Professional, Managers & Executives

The Professional, Managers and Executives (PMEs) is an important group in any organisation. They contribute significantly to the planning and operation, at the strategic and operational level, of businesses. In today's global economy, the PME's must strive to be upskilled and re-skilled, so that they are equipped with the knowledge to be future-ready, resilient, and future-proof, to enable them to enhance their overall productivity and competitiveness to meet the business needs.

CIVIL & STRUCTURAL ENGINEERING								
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	Level			
					1	2	3	4
77079	Building Control Regulations for Site Supervisors	0.5 day	\$150	--		★	★	
80097	Certification Course in Instrumentation and Monitoring for Construction Work	2 days	\$900	--		★	★	
80096	Certification Course for Piling Personnel	2 days	\$900	--		★	★	
78026	Protection Against Lightning for Buildings	2 days	\$730	--		★		
79081	Registered Earthworks Supervisor Course	2 days / 4 evenings	\$500	--	★			
DESIGN FOR MANUFACTURING AND ASSEMBLY (DfMA)								
78029	Basic Concept in Construction Productivity Enhancement (BCCPE)	0.5 day	\$85	--	★			
80067	BCA-STAS Introductory course on Modular MEP Design and Prefabrication	2 days	\$720	\$114.39		★	★	
81023	Code of Practice on Buildability	0.5 day (am)	\$195	--		★	★	
77053	Site Management of Precast Concrete Construction	3 evenings	\$525	\$185.98		★	★	
80078	Supervision of Prefabricated Prefinished Volumetric Construction (PPVC) Projects	2 days	\$820	\$283.55		★	★	
FACILITIES MANAGEMENT (FM)								
80072	Introduction to Smart Building Management System for FM Practitioners	2 days	\$1,400	--	★	★		
81029	Principles and Application of Integrated Facilities Management	2 days	\$1,055	--			★	
GREEN BUILDINGS								
80053	Certification Course on Building Performance Simulation	3 days	\$1,300	--			★	
71925	Certification Course for Green Mark Accredited Professional (GM AP)	5 days	\$1,220					
80039	Certification Course on CFD Modelling for Natural Ventilated Buildings	3 days	\$1,700	--			★	
80045	Certification Course on Design, Optimisation and Measurement of High Efficiency Central Air-Conditioning System	4 days	\$1,200	--			★	
71929	Certification Course on Efficient Building Envelope Design, ETTV and RETV	2 days	\$690	--			★	
80085	Certification Course on Driving Energy Performance in Super Low Energy (SLE) Buildings	2 days	\$921	--			★	
81027	Certification Course on Life Cycle Assessment: Carbon Computation and Management Strategies	2.5 days	\$1,490	--			★	
80046	Certification Course on Solar Architecture	2 days	\$650	--			★	
73086	Certification Course on Solar Modelling	3 days	\$1,250	--			★	
80054	Certification Course on Strategies for SMART FM & Maintainability	2 days	\$790	--			★	
80086	Certification Course on Sustainable Energy Management for Existing Buildings	3 days	\$1,512	--			★	
80084	Certification Course on Urban Heat Island (UHI) Mitigating Strategies	2 days	\$900	--			★	
80082	Understanding Green Mark 2021	0.5 days	\$90		★			
INTEGRATED DIGITAL DELIVERY (IDD)								
80023	BIM for Building Lifecycle and Facility Management	2 days	\$680	\$235.14 / \$362.24 (SSG)	★			
77076	Certification Course in BIM Management	4 days	\$1,400	\$484.11 / \$745.79 (SSG)	★	★	★	
78087	Computational BIM	2 days	\$700	\$242.05 / \$372.89 (SSG)	★	★		
80065	Principles of Integrated Digital Delivery	e-Learning	\$450	\$156.61 / \$239.72 (SSG)	★	★		
ACCESSIBILITY & UNIVERSAL DESIGN								
78014	Certification Course for Universal Design (UD) Assessors	4 days	\$1,700	--		★	★	
80098	Refresher Course for Universal Design (UD) Assessors [NEW]	2 days	\$750	--		★	★	
LEADERSHIP & MANAGEMENT								
81035	DTU-BCA Executive Development Programme on Enterprise Leadership in Advanced Sustainability & Technology for the Built Environment	5 days	\$5,600 (GST not applicable)	--			★	★
81034	Imperial College London-BCA Executive Development Programme in Leadership Foresight and Innovation in the Built Environment	5 days	\$7,650 (GST not applicable)	--			★	★
80047	SMU-BCA Advanced Management Programme	6 days	\$13,500	\$7,192				★
80043	SMU-BCA Executive Development Programme	8 days	\$12,300	\$6,553		★	★	
80044	SUTD-BCA Design Thinking Workshop	4 days	\$5,000	\$2,664		★	★	

M&E ENGINEERING								
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	Level			
					1	2	3	4
78081	Lift and Escalator Course for Engineers	5 days + 1 hr assessment	\$3,450	\$1,192.99 / \$1,837.85 (SSG)			★	★
80032	Lift and Escalator Course for Inspectors	4 days + 1 hr assessment	\$2,550	\$881.77 / \$1,358.41 (SSG)		★	★	
PROJECT MANAGEMENT & CONTRACTS								
81031	Certification Course on Collaborative Contracting [NEW]	4 days	\$2,000	--		★		
79089	Construction Contract Procurement & Negotiation	2 days	\$750	--		★	★	
81030	Introduction to Collaborative Contracting [NEW]	1 day	\$500	--	★			
77065	Managing Project Teams Effectively	2 day	\$970	--		★	★	
73007	Project Management	3 days	\$1,280	\$442.62	★	★		
QUALITY								
81020	Good Industry Practices (Aluminium Window)	1 day	\$410	--	★			
81025	Good Industry Practices (Drywall Installation including Wet Areas Application)	1 day	\$410	\$124.02	★			
81017	Good Industry Practices (Marble/Granite/Ceramic Tiling)	1 day	\$410	--	★			
81018	Good Industry Practices (Painting)	1 day	\$410	--	★			
81024	Good Industry Practices (Timber Doors, Wardrobe & Kitchen Cabinet)	1 day	\$410	--	★			
81021	Good Industry Practices (Timber Flooring)	1 day	\$410	\$124.02	★			
81022	Good Industry Practices (Waterproofing for External Wall)	1 day	\$410	--	★			
81019	Good Industry Practices (Waterproofing for Internal Wet Areas)	1 day	\$410	--	★			
REGULATIONS								
80094	Code Compliance in Development Control (DC) and Building Plan (BP) Submission	1 day	\$420	--		★	★	
80064	Enhancing Competency of BE Professionals on Regulatory Regime Module 1 – Overview of Code Compliance Process in Relation to Building Project Life Cycle	1 day	\$285	--		★	★	
73971	Essential Knowledge in Construction Regulations for Licensed Builders	2.5 days	\$740	--		★	★	
73966	Essential Knowledge in Local Regulations and Construction Practices	2.5 days	\$740	--		★	★	
80099	Introduction to the Regulatory Approval Process via CORENET X [NEW]	1 day	\$145	--		★	★	
80058	Legislation Course for Managing Agents	3 days (blended learning)	\$460	\$245.04 / \$73.08 (SSG)	★	★		
81026	Submission Requirements & Code Compliance to Obtain Temporary Permit Occupation (TOP) and Certificate of Statutory Completion (CSC)	1.5 days	\$530	--		★	★	
79082	The Security of Payment Act – Technicalities and Practicalities	1 day	\$420	--	★	★		
SAFETY - MANAGERS / SUPERVISORS								
77018	Behavioural Safety for the Construction Industry	2 days	\$490	--		★		
79092	Certificate in Façade Inspection	3.5 days	\$1,500	\$1,147.50 / \$325	★	★		
77087	Certification Course for Site Investigation Supervisors	4 evenings	\$700	--		★	★	
46020	Demolition Course for Renovation Contractors	1 day	\$210	\$35	★			
45010	Managing Noise in Construction Site	1 day	\$410	To be advised		★		

A woman with brown hair, wearing a white button-down shirt and a white watch, is standing and working on a silver laptop. The background is a blurred office environment with a white grid-patterned wall and some greenery.

Acquisition of skills and knowledge to perform technical and related tasks on processes and operational methods provide a strong foundation for performance continuity. Given the complexity of the project requirement and challenges, the Technicians and Associate Professionals (TAPs) will need to adopt the learn-unlearn-relearn process, to better support business goals.

TAPs

Technicians & Associate Professionals

CIVIL & STRUCTURAL ENGINEERING								
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	Level			
					1	2	3	4
77079	Building Control Regulations for Site Supervisors	0.5 day	\$150	--		★	★	
80097	Certification Course in Instrumentation and Monitoring for Construction Work	2 days	\$900	--		★	★	
80096	Certification Course for Piling Personnel	2 days	\$900	--		★	★	
78026	Protection Against Lightning for Buildings	2 days	\$730	--		★		
79081	Registered Earthworks Supervisor Course	2 days / 4 evenings	\$500	--	★			
DESIGN FOR MANUFACTURING AND ASSEMBLY (DfMA)								
78029	Basic Concept in Construction Productivity Enhancement (BCCPE)	0.5 day	\$85	--	★			
88067	BCA-STAS Introductory course on Modular MEP Design and Prefabrication	2 days	\$720	\$114.39		★	★	
81023	Code of Practice on Buildability	0.5 day (am)	\$195	--		★	★	
77053	Site Management of Precast Concrete Construction	3 evenings	\$525	\$210.98		★	★	
80078	Supervision of Prefabricated Prefinished Volumetric Construction (PPVC) Projects	2 days	\$820	\$283.55		★	★	
CERTIFICATION COURSES FOR SUPERVISORS								
77036	Builder Certificate in Plumbing & Pipefitting	6 months (day) / 11 months (evening)	\$4,050	\$643.45		★		
78009	Certificate in Gas Technology	20 evenings or 10 days	\$2,140	\$340		★		
74008	Certificate in Pavement Construction & Maintenance	6 months (evening)	\$3,150	To be advised		★		
74009	Certificate in Precast Concrete Construction Supervision	4 months (evening)	\$2,900	\$1,544.86 / \$1,002.80 (SSG)		★		
FACILITIES MANAGEMENT (FM)								
80072	Introduction to Smart Building Management System for FM Practitioners	2 days	\$1,400	--	★	★		
INTEGRATED DIGITAL DELIVERY (IDD)								
77A75	Certification Course in BIM Modelling (Architecture Track)	4 days	\$2,150	\$743.45 / \$1,145.32 (SSG)	★	★		
77M75	Certification Course in BIM Modelling (MEP Track)	4 days			★	★		
77S75	Certification Course in BIM Modelling (Structure Track)	4 days			★	★		
M&E ENGINEERING								
77A51	Refresher Course for Licensed Electrical Workers (Electricians)	1 day	\$210	--		★		
77051	Refresher Course for Licensed Electrical Workers (Technicians & Engineers)	1 day	\$270	--		★		
PROJECT MANAGEMENT & CONTRACTS								
73003	Construction Contract Administration	2 days	\$930	--	★	★		
80027	Construction Contract Drafting & Dispute Resolution	2 days	\$700	--		★		
80095	Construction Law and Contracts: Principles and Application [NEW]	12 evenings	\$2,050	--			★	
73099	Project Management for Professionals in the Building and Construction Industry	5 days	\$2,050	--			★	
80083	Understanding and Applying the Public Sector Standard Conditions of Contract (PSSCOC).	2 Days	\$600	--		★		
QUALITY								
81020	Good Industry Practices (Aluminium Window)	1 day	\$410	--	★			
81025	Good Industry Practices (Drywall Installation including Wet Areas Application)	1 day	\$410	\$124.02	★			
81017	Good Industry Practices (Marble/Granite/Ceramic Tiling)	1 day	\$410	--	★			
81018	Good Industry Practices (Painting)	1 day	\$410	--	★			
81024	Good Industry Practices (Timber Doors, Wardrobe & Kitchen Cabinet)	1 day	\$410	--	★			
81021	Good Industry Practices (Timber Flooring)	1 day	\$410	\$124.02	★			
81022	Good Industry Practices (Waterproofing for External Wall)	1 day	\$410	--	★			
81019	Good Industry Practices (Waterproofing for Internal Wet Areas)	1 day	\$410	--	★			
REGULATIONS								
80094	Code Compliance in Development Control (DC) and Building Plan (BP) Submission	1 day	\$420			★	★	
71015	Renovation for Public Housing (English)	2 days	\$370	--	★	★		
SAFETY - MANAGERS / SUPERVISORS								
44083	Developing a Lifting Plan for Crane Lifting Operations	2 days	\$500	\$472		★		

The development of Singapore, including its world-class infrastructure, airports, seaports, high-rise buildings etc, would not have attracted global attention if not for the contribution of the construction personnel (or tradesmen as they are more commonly known). Recognising the need to gear up for greater productivity and efficiency, the construction personnel must also be retrained to be multi-skilled, to deliver the project objectives.



CP

Construction Personnel

CERTIFICATION COURSES FOR TRADESMAN								
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	Level			
					1	2	3	4
71009	Gas Service Workers Course	18 evenings	\$1,850	--		★		
41005	Installation of Structural Supports for Air-con Condensing Units	2 days or 4 evenings	\$610	\$285	★			
CORETRADE COURSES FOR TRADESMAN								
48001	CoreTrade Supervisors (Structural)	35 hours (4.5 days or 12 evenings)	\$1,070	\$194.14		★		
48002	CoreTrade Supervisors (Architectural)	35 hours (4.5 days or 12 evenings)	\$1,070	\$194.14		★		
48003	CoreTrade Supervisors (Mechanical & Electrical)	35 hours (4.5 days or 12 evenings)	\$1,070	\$194.14		★		
48004	CET for CoreTrade Supervisor (Structural)	1 day or 2 evenings	\$375	--		★		
48005	CET for CoreTrade Supervisor (Architectural)	1 day or 2 evenings	\$375	--		★		
48006	CET for CoreTrade Supervisor (Mechanical & Electrical)	1 day or 2 evenings	\$375	--		★		
PLANT OPERATION								
44070	Approved Crane Erector for Approved Crane Contractors (Tower Crane)	3 days or 8 evenings	\$700	--		★		
44000	Bridging Course for Crane Operators	5 days or 3.5 days	\$1,400 / \$950	--		★		
44064	Crawler Crane Operation	12 days	\$2,772 (Local) \$2,985 (Foreign)	\$440.41	★			
44003	Luffing Jib Tower Crane Operation	4 days	\$950	\$262.50		★		
44066	Mobile Crane (Truck Mounted) Operation	12 days	\$2,770 (Local) \$2,985 (Foreign)	\$440.09	★			
44084/5/6	PPVC Lifting Course for Crane Operators (Tower/Crawler/Mobile)	1 day	\$710	\$695		★		
44068	Tower Crane Operation	12 days	\$2,772 (Local) \$2,985 (Foreign)	\$440.41	★			

The rapid development and evolving business environment in the construction sector provides a strong impetus for continuing education and training, to elevate individual and organisational excellence. Building on specialised skills in niche disciplines will lead to better opportunities for career advancement and deepen knowledge to facilitate overall performance at the individual and organisational level.



ACADEMIC EXCELLENCE

SPECIALIST DIPLOMA PROGRAMMES

Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	Level			
					1	2	3	4
Specialist Diploma in Architectural Technology					3 months per modular certificate			
79004A	Certificate in Architectural BIM Submission	Jan - Mar	\$2,000	To be advised		★	★	
79004B	Certificate in Sustainable Architectural Design	May - Jul	\$2,000	To be advised		★	★	
79004C	Certificate in Architectural Detailing & Building Services	Sep - Nov	\$2,000	To be advised		★	★	
Specialist Diploma in Building Information Modelling					3 months per modular certificate			
74056A	Certificate in BIM Design and Coordination	Jan - Mar / Jul - Sep	\$3,250	To be advised		★	★	
74056B	Certificate in BIM Construction and Coordination	Apr - Jun / Oct - Dec	\$3,250	To be advised		★	★	
Specialist Diploma in Building Cost Management					3 months per modular certificate			
74051A	Certificate in Building Cost Management (Project Management)	Jan - Mar	\$2,000	To be advised		★	★	
74051B	Certificate in Building Cost Management (Cost Control Management)	May - Jul	\$2,000	To be advised		★	★	
74051C	Certificate in Contract Administration	Sep - Nov	\$2,000	To be advised		★	★	
Specialist Diploma in Computational BIM (Building)					3 months per modular certificate			
79020A	Certificate in Computational Thinking and Programming	Jan - Mar / Jul - Sep	\$3,500	To be advised		★	★	
79020B	Certificate in Computational BIM Applications (Building)	Apr - Jun / Oct - Dec	\$3,500	To be advised		★	★	
Specialist Diploma in Construction Management					3 months per modular certificate			
74037A	Certificate in Construction Management (MEP System)	Jan - Mar	\$2,166	To be advised		★	★	
74037B	Certificate in Construction Management (Architecture and Structure)	May - Jul	\$2,167	To be advised		★	★	
74037C	Certificate in Contract and Cost Management	Sep - Nov	\$2,167	To be advised		★	★	
Specialist Diploma in Construction Productivity					3 months per modular certificate			
79005A	Advanced Certificate in Construction Productivity	Jan - Mar / Jul - Sep	\$2,300	To be advised		★	★	
79005B	Certificate in Management of Productive Technologies	Apr - Jun / Oct - Dec	\$3,700	To be advised		★	★	
Specialist Diploma in Facility & Energy Management					3 months per modular certificate			
74A19	Certificate in Digital Delivery of Facilities Management	Jan - Mar	\$2,166	To be advised		★	★	
74B19	Certificate in Mechanical System and Building Management	May - Jul	\$2,167	To be advised		★	★	
74C19	Certificate in Electrical System & Energy Management	Sep - Nov	\$2,167	To be advised		★	★	
Specialist Diploma in Integrated Project Management								
SIPM211	Scope of Work for Project Management in BE Sector	1.5 days	\$710	To be advised		★	★	
SIPM212	Project Management Body of Knowledge in BE Sector	12 evenings	\$1,560	To be advised		★	★	
SIPM213	Project Management for Productivity Enhancement	5 evenings	\$950	To be advised		★	★	
SIPM214	Integrated Procurement Management	6 evenings	\$1,060	To be advised		★	★	
SIPM215	Contract Administration and Collaborative Contracting	10 evenings	\$1,670	To be advised		★	★	
SIPM216	Project Assignment	1 month	\$100	To be advised		★	★	
Specialist Diploma in M&E Coordination					3 months per modular certificate			
74033A	Certificate in Mechanical & Plumbing Systems	Jan - Mar	\$2,066	To be advised		★	★	
74033B	Certificate in Electrical & Telecommunication Systems	May - Jul	\$2,067	To be advised		★	★	
74033C	Certificate in MEP Planning & Site Management	Sep - Nov	\$2,067	To be advised		★	★	
Specialist Diploma in Smart Facilities Management					3 months per modular certificate			
74A19	Certificate in Digital Delivery of Facilities Management	Jan - Mar	\$2,166	To be advised		★	★	
79024B	Certificate in Planning and Management of Smart FM	May - Jul	\$2,417	To be advised		★	★	
79024C	Certificate in Integrated Facilities Management	Sep - Nov	\$2,417	To be advised		★	★	
Specialist Diploma in Underground Construction					3 months per modular certificate			
79014A	Certificate in Basic Geotechnical Engineering	Jan - Mar	\$2,000	To be advised		★	★	
79014B	Certificate in Underground Excavation	May - Jul	\$2,000	To be advised		★	★	
79014C	Certificate in Tunnelling Technique	Sep - Nov	\$2,000	To be advised		★	★	
Specialist Diploma in Virtual Design & Construction					3 months per modular certificate			
79012A	Certificate in Virtual Design & Construction Practices	sJan - Mar / Jul - Sep	\$3,000	To be advised		★	★	
79012B	Certificate in Virtual Design & Construction Process Management	Apr - Jun / Sep - Nov	\$3,000	To be advised		★	★	

POSTGRADUATE / UNDERGRADUATE DEGREE PROGRAMME								
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	Level			
					1	2	3	4
--	FULL TIME Bachelor of Construction Management (Building) <i>(Awarded by University of Newcastle, Australia)</i>	2.5 years	\$37,350 - \$51,000	--			★	
--	PART TIME Bachelor of Building and Project Management <i>(Awarded by Singapore University of Social Sciences in partnership with BCA Academy)</i>	3 years	Direct Honours from \$21,164 Basic Degree from \$15,218.61 Refer to www.suss.edu.sg				★	
--	PART TIME Bachelor of Science in Facilities Management with Minor <i>(Awarded by Singapore University of Social Sciences in partnership with BCA Academy and Singapore Polytechnic)</i>	3 years	Direct Honours from \$21,164 Basic Degree from \$15,218.61 Refer to www.suss.edu.sg				★	
INTEGRATED WORK-STUDY DIPLOMA PROGRAMMES (FULL-TIME)								
79029	Diploma in Construction Engineering (Digital)	3 years	\$3,000 (S'porean) \$7,000 (S'pore PR) \$13,000 (Intl) (Per Year)	--		★		
79030	Diploma in Digital and Smart Facilities Management					★		
79028	Diploma in Digital and Sustainable Architecture					★		
DIPLOMA PROGRAMMES (PART-TIME)								
Diploma in Construction Engineering								
77026A	Certificate in Structural Analysis	Apr - Aug	\$3,000	\$9,000 (SSG)		★		
77026B	Certificate in Construction Technology	Oct - Feb	\$3,000			★		
77026C	Certificate in Site Management	Oct - Feb	\$3,000			★		
77026D	Certificate in Reinforced Concrete Design	Apr - Aug	\$3,000			★		
77026E	Certificate in Structural Design	Apr - Aug	\$3,000			★		

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BCA ACADEMY

www.bcaa.edu.sg

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