DETAILS

Architectural Practice Course 2009

May - Oct 2009

BOA-CPD Accreditation 3 pc

3 points per session

PROGRAMME

CPD

EEE

SINGAPORE INSTITUT

2009/058/MS/CT

Enquiry (call Ms Candy Tan) Tel:

Tel: (65) 6226 2668 Fax: (65) 6226 2663

Email: bae@sia.org.sg

REGISTRATION

Name:
(please underline Surname) NRIC No:
Membership No: [] SIA
[] CIJC (Pls specify Institution)
[] BOA Reg No [] Non-membe
[] Examination Candidate (Exam Yr)
Organisation:
Address:
S ()
Tel:Fax:
Email:
Contact Person:
Bank/Cheque No: Amount S\$
Please forward your registration form and crossed cheque payable to "Singapore Institute of Architects" before the closing date to:
Ms Candy Tan Singapore Institute of Architects

Priority will be given to 1st time PPE Candidates and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed upon receipt of payment.

79B Neil Road, Singapore 088904

Cheque payment for this activity $\underline{\text{should not be}}$ combined with payment for other SIA events/courses.

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if notification is made at least 7 days before the event.

Where a Non-Member replaces a Member (must be from the same organisation) the fee difference will have to be made good to SIA prior to the event.

e:



Singapore Institute of Architects (SIA) Presents

Architectural Practice Course 2009

Date: Please see attached schedule

Time : Registration and light refreshments at 6.30 pm

Venue: Singapore Institute of Architects

SIA Theatrette - Level 1

79 Neil Road Singapore 088904

Please tick

: <u>k</u>	,, item toda on gapoto coo, o		
	COURSE FEE (Complete)	(inclusive of 7% GST and 1 refreshment per session)	
	Examination Candidate (EC) SIA Member (SIA M) BOA / CIJC Member (BOA/CIJC M) Non Member (NM)	\$ 1,500.00 \$ 1,500.00 \$ 2,000.00 \$ 2,500.00	
	COURSE FEE (Individual Sessions)*	(inclusive of 7% GST and 1 refreshment)	
Jlars and	Examination Candidate (EC)	\$ 70.00	

* (Please fill in particulars and complete Appendix A enclosed)

Examination Candidate (EC) \$ 70.00 SIA Member (SIA M) \$ 70.00 BOA / CIJC Member (BOA/CIJC M) \$ 90.00 Non Member (NM) \$ 110.00

Note (Applicable to 1st time PPE Candidates Only)

-) The Board of Architects, Singapore has endorsed this Architectural Practice Course 2009. It shall replace the PPE Tutorials.
- 2) 1st-time PPE candidates (i.e. those taking their 1st PPE in 2009) are required to attain 75% attendance of this course prior to sitting for the examination.
- 3) 1st-time PPE candidates (Singaporean and Singapore PR only) will enjoy a one-time 50% re-imbursement of the course fee (for Complete Course participants only) from the Board of Architects, Singapore if they attain 75% attendance within a maximum period of 2 years.
- 4) Certificates of Attendance will be issued to all participants who meet the 75% attendance criteria.
- 5) Candidates may apply directly to the Board of Architects, Singapore for the reimbursement upon completing the course.

ACCREDITATION

A Singapore Institute of Architects (SIA) registered activity. Participating in this activity will accrue **3 points per session** towards the requirements of the SIA Continuing Professional Development Programme.

Registered as a CES Provider of American Institute of Architects (AIA). Participation in this activity will accrue Learning Unit Hours.

Supported by the Royal Institute of British Architects (RIBA) as valid CPD Hours for its members.

Registration for Individual Session(s)

Architectural Practice Course 2009

Appendix A

Name:		(mobile):	Fax:
* New Modules	se underline Surname)		Once sessions are confirmed, it cannot be changed
Session No.	Date	Time	(Please tick √)
1	Tuesday, 26 May 2009	7.00pm to 10.15pm	
2	Wednesday, 03 June 2009	7.00pm to 9.30pm	
3	Wednesday, 10 June 2009	7.00pm to 9.30pm	
4	Wednesday, 17 June 2009	7.00pm to 9.30pm	
5	Wednesday, 24 June 2009	7.00pm to 9.30pm	
6	Wednesday, 01 July 2009	7.00pm to 9.30pm	
7	Wednesday, 08 July 2009	7.00pm to 9.30pm	
8	Monday, 13 July 2009	7.00pm to 9.30pm	
9	Wednesday, 15 July 2009	7.00pm to 9.30pm	
15	Wednesday, 22 July 2009	7.00pm to 9.30pm	
16	Wednesday, 29 July 2009	7.00pm to 9.30pm	
17	Wednesday, 5 August 2009	7.00pm to 9.30pm	
18	Wednesday, 12 August 2009	7.00pm to 9.30pm	
19	Wednesday, 19 August 2009	7.00pm to 9.30pm	
10	Wednesday, 26 August 2009	7.00pm to 9.30pm	
11	Wednesday, 02 September 2009	7.00pm to 9.30pm	
*12	Monday, 07 September 2009	7.00pm to 10.00pm	
13	Wednesday, 09 September 2009 Thursday, 10 September 2009	7.00pm to 9.30pm	
14	Monday, 14 September 2009 Monday, 28 September 2009	7.00pm to 9.30pm	
20	Wednesday, 16 September 2009	7.00pm to 9.30pm	
21	Wednesday, 23 September 2009	7.00pm to 9.30pm	
*22	Wednesday, 30 September 2009	7.00pm to 9.30pm	
24	Wednesday, 14 October 2009	7.00pm to 9.30pm	
23	Wednesday, 21 October 2009 Thursday, 29 October 2009	7.00pm to 9.30pm	



Important Notes (Applicable to 1st Time PPE Candidates only)

- 1) For PPE candidate intending to sit for 2009 or 2010 PPE examinations, they can attend the full course in 2009. As long as he/she sits for 2009 or 2010 PPE examination and also fulfill the requirement of 75% attendance as 1st time PPE candidate, the 50% reimbursement by Board of Architects, Singapore (BOA) will be applicable after the examination. In addition to be eligible for the 50% reimbursement by the Board of Architects, the candidate must pass the PPE Examination, register with the Board and attend the Registration Ceremony.
- 2) For full course registration, the attendance must be completed in 2009 for 1st time PPE examination candidate taking 2009 PPE examination. The 75% attendance rate will be calculated based on attendance in 2009, for the 50% reimbursement by BOA after the examination.
- 3) For full course registration, the attendance could be completed partially in 2009 and balance in 2010 for 1st time PPE examination candidate taking 2010 PPE examination. The sessions to be attended for 2009 have to be clearly indicated in the registration form. In the event of absence, replacement for the 'absence' session(s) in 2010 will be chargeable. The balance sessions to be attended in 2010 to be forwarded when the registration form is available in 2010. The 75% attendance rate will be calculated based on attendance from 2009 & 2010, for the 50% reimbursement by BOA after the examination.
- 4) 50% reimbursement is not applicable for partial course registration.
- 5) 50% reimbursement is not applicable for payment made by organisation.

For 50% reimbursement by BOA, kindly acknowledge the above terms and conditions by completing the "Acknowledgement" below and return to "Singapore Institute of Architects" via email: bae@sia.org.sg or fax: 62262663. Thank you.

^{*.} The reimbursement is subjected to the Board of Architects' terms and conditions I. Fees paid are non-refundable under all circumstances.

J	
	-

ARCHITECTURAL PRACTICE COURSE Stage / Subject Scope Date / Time **Objective** Tuesday, 26 May 09 Examination **INTRODUCTORY SESSION** 1. Requirements Logistics 2. Guidance on how to prepare a well documented Log Book 1. Log Book / Case Study 7.00pm to 8.00pm 2. Attitude towards Professional Practice and Case Study 3. Roles of Candidate, Supervisor and Advisor 4. Emphasis on Critical Thinking and Application of knowledge 5. Professional Maturity and Integrity 6. Emphasis on expectations of Oral Examination Α. SESSION 1 Development of An Architectural Design Brief Tuesday, 26 May 09 Inception Chronological Overview of Architectural 2. Asking the relevant questions 8.10pm to 10.15pm (Prepare general 3. Developing a thorough Checklist Practice Procedures outline of 2. Establishing the Preliminary Requirements of 4. Learn to guide and prompt the Client in the right direction requirements and the Client plan future action). 3. Establish Scope of Services required. 1. Duties and responsibilities of Architect & Client; SIA Basic Wednesday, 3 June 09 **SESSION 2** 4. Preparation of Fee Proposal and Service Services 7.00pm to 9.30pm Agreement 2. Code of Ethical Practices 3. Basis for Quoting Professional Fees 5. Obtain in-principle appointment from Client 4. Staffing and resource requirements 5. Appointment of other allied consultants 6. Examining and choosing right form of Service Agreement 7. Professional liabilities, indemnities – insurances Cross Reference to Current Syllabus for PPE: 9.1.1: Architect's Act 9.2.1: Architect's Rules. Professional Conduct & Ethics 9.2.2: Relevant SIA Publications 9.2.9: Related Industries, Form's of Architectural Practices, Office Administration and Management B. **SESSION 3** 1. Various forms of Master Development Schedule Wednesday, 10 June 09 **Feasibility** 2. Identifying Critical Path Elements that make up the 1. Establish Overall Development Master 7.00pm to 9.30pm (Provide Client with Schedule Schedule appraisal and 3. Factoring-in authorities approvals, critical client's recommend form of deadlines and other contingencies project, ensuring 4. Procedure, Flow-Chart for procuring Authorities Approvals technical and functional feasibility)

Stage / Objective	Subject	Scope	Date / Time
	SESSION 4 2. Establish Client's Brief and user requirements in terms of space and operational needs.	 Co-ordination meetings with Users and Consultants Prompting engineers and consultants to ask the right questions Conducting surveys, interviews, questionnaires and Documenting them Operational Flows and critical adjacencies Advising and establishing Client's spatial needs; Schedule of Accommodation Corporate Identity (CI) and Building-Development Standards of Client's 	Wednesday, 17 June 09 7.00pm to 9.30pm
	SESSION 5 3. Carry-out Site & Preliminary Investigation	 Topographical Survey's, Measured Building Drawings, Site Plans, Site Photos General Interpretation Plans (Roads, Drainage & Sewerage Interpretation Plans) Establish all applicable Authorities' planning parameters and constraints (URA, MINDEF, CAAS etc) Identify all applicable Authorities Approvals to be obtained Identify any other special considerations and constraints CS and M&E consultants (soil investigations, underground services detection etc) Co-ordination meetings with consultants Points to cover in Minutes of Meeting 	Wednesday, 24 June 09 7.00pm to 9.30pm
	SESSION 6 4. Revert to Client with functional, technical & financial feasibility assessment statements for review and obtain Client's in-principle approval to proceed to next stage. Cross Reference to Current Syllabus for PPE:	Contents of Design Feasibility Study Report Developing a Project Budget Cost Estimation	Wednesday, 01 July 09 7.00pm to 9.30pm
	9.1.2: Singapore Statutes relevant To Architecto	ural Profession	
C. Outline Proposal (Determine outline layout, design and construction napproach, execute URA Outline Planning Submission)	SESSION 7 1. Pre-consultation with relevant Authorities' to obtain principle comments and conditions; resolving any controversial principle issues	 Awareness of various channels and means for Preconsultation (Internet, Meetings with Authorities etc) What to look out for; asking pertinent questions. Various Technical Department Development Control Guidelines 	Wednesday, 08 July 09 7.00pm to 9.30pm

Stage / Objective	Subject	Scope	Date / Time
Objective			
	SESSION 8 2. Develop schematic design proposal options	4. Minimum design output content of an outline concept: - structural grid - layout plans - sections - finishes - cost estimates 5. Conduct of Internal & External Design Reviews to ensure compliance to Client's Requirements & Design Brief	Monday, 13 July 09 7.00pm to 9.30pm
	Cross Reference to Current Syllabus for PPE: 9.1.3: Codes, Regulations, Requirements of Var 9.1.4: Planning Act & Related URA Regulations		
D. Planning Submission (Complete brief, decide on particular proposal, execute formal URA Submission)	SESSION 9 1. Preparing for and Executing Planning Submission to URA and Tech. Depts	 Final development of Brief and User Requirements. Advancing the development of the design proposal for formal Planning Submission purposes incorporating: compliances to Outline Provisional Permission conditions compliance to final brief and user requirements corresponding revised cost estimates Present Client with Planning Submission design proposal for review and obtain approval to proceed to with Formal Planning Submission for WP Planning Submission Flow, Procedure, Implications and Guidelines Development Control, Regulations and Guidelines of Various Tech. Depts Outline Planning Application & Other DC Stage Submissions Contents of DC Submission Plans 	Wednesday, 15 July 09 7.00pm to 9.30pm
	SESSION 10 2. Tech Dept. Guidelines and Plan Approval Procedure at Planning Submission Stage	 Development Control, Regulations and Guidelines of URA Outline Planning Application & Other Development Application Submissions Presentation of plan for DC to URA, Development Control Division 	Wednesday, 26 August 09 7.00pm to 9.30pm

ARCHITECTURAL PRACTICE COURSE

Version 5

Stage / Objective	Subject	Scope	Date / Time
E. Building Plan Submission (Execute Building Plan Submission to BCA and other relevant Tech. Depts)	SESSION 11 1. Preparing for and Executing Building Plan Submission To BCA and Tech. Depts 2. Tech Dept. Guidelines and Plan Approval Procedure at Building Plan Clearance Stage	 Contents of BP Submission Plans Advance the development of the design proposal for Building Plan Submission purposes incorporating: compliances to URA Provisional Permission conditions and Written Directions corresponding revised cost estimates Building Control, Regulations and Guidelines of Various Tech. Depts 	Wednesday, 2 September 09 7.00pm to 9.30pm
F. Green Mark and WHS	SESSION 12 1. Green Mark, Buildable Design, Sustainable Construction and Workplace Health & Safety	Buildable Design & Sustainable Construction (BCA) Green Mark (BCA) Design For Safety (MOM)	Monday, 7 September 09 7.00pm to 10.00pm
	Cross Reference to Current Syllabus for PPE: 9.1.5: Building Control Act, Codes, Regulations	, Requirements of BCA Various Tech. Departments	

G.

Detail Design

(Obtain final decision on every matter related to design, specifications, construction and cost.)

H. Product Information

(Prepare working drawings and other production information, make final detailed decisions to enable full documentation of design)

SESSION 13

- 1. Design development and detailing of every part and component of the building & checking of the design.
- 2. Preparation of Documents and Drawings of the Client-Approved Design to a sufficient detail for:
- Enabling QS to prepare Pricing Document
- Builder to price and build according to the design

- Co-ordination with Engineer's Design
- 2. Incorporating with Building Material, Finishes and Components Specialists.
- 3. Specifications and Detail Drawings
- 4. Compliance with Building & Tech. Dept requirements
- 5. Review with Client-Consultant Team
- 6. Prepare schedule of production information required to fully document the design:
- 7. Schedule of Drawings, Finishes, Doors & Windows,
- 8. Details Ironmongery etc.
- 9. Specification Writing
- 10. Review with Client-Consultant Team

Wednesday, 9 September 09 Thursday, 10 September 09

7.00pm to 9.30pm

Stage / Objective	Subject	Scope	Date / Time
Objective			
I. Site Administration (To administer site operations through to substantial completion.)	SESSION 14 1. Site Administration	 Requirement for, Procurement of and Duties of for COW, RE 1st Site Meeting; Organization & Site Meeting Minutes Handing-over site to Contractor Insurances and permits required Records Instructions, Directions, Certifications of Payment Inspections and Approvals Site Progress Monitoring Site Safety Completion Inspections & Required Documentation Handing-over back to Client Other Site and Contract Administration Issues (Delays & EOT Assessment, LD, Final Accounts) Organization & Site Meeting Minutes 	Monday, 14 September 09 Monday, 28 September 09 7.00pm to 9.30pm
	Cross Reference to Current Syllabus for F 9.2.8: Project Management at Design-Drav		
J. Tender Conditions (Prepare and complete all information and arrangements for obtaining tender) K. Tender Action (Inviting bonafide tender, evaluation of submitted tender), award of Tender)	SESSION 15 1. Tender Documentation and Action	 Pre-qualification of Tenderers. Typical Construction Procurement Approaches. Tender Documentation and Process: Structure of Contents. Tender Deposits. Issuing Tender Addenda. Opening Tender Offers. Tender Action: Evaluation and Interviews. Report and Recommendation. Letters of Award and Letters of Intent 	Wednesday, 22 July 09 7.00pm to 9.30pm
	Cross Reference to Current Syllabus for F 9.2.3: PSSCOC 9.2.4: SIA and Other Forms of Building Co Pre-Contract Issues 9.2.7: Design & Build Contract		

J	
	_

Stage / Objective	Subject	Scope	Date / Time
32,000.70			
L. Contract Admin (To administer the contract operations through to substantial	SESSION 16 1. Contract Administration (Part 1)	Contract Administration: Possession of Site and Commencement. Administration Matters. Instructions and Directions. Certificates and Role of Architect (as Certifier). Notices and Conditions Precedent. Programme Extensions of Time and Liquidated Damages. Completion. Variations. Certifying Payments and Payment Protocol under Security of Payment Act (SOP Act). Construction Insurance. Performance Bond.	Wednesday, 29 July 09 7.00pm to 9.30pm
completion.)	SESSION 17 2. Contract Administration (Part 2)		Wednesday, 05 August 09 7.00pm to 9.30pm
	SESSION 18 3. Contract Administration (Part 3)	 Termination and Post Termination Effects and Action (to complete the Works). Defects, Effects of Maintenance Period and Defects Liability at Common Law. Highlights of Differences between PSSCOC & SIA Forms of Contract 	Wednesday, 12 August 09 7.00pm to 9.30pm
	SESSION 19 4. Contract Administration (Part 4)		Wednesday, 19 August 09 7.00pm to 9.30pm
	Cross Reference to Current Syllabus for PPE: 9.2.5: Building Contract – Contract Administrat	ion Issues	
M. Procurement of TOP/CSC (To obtain TOP-CSC)	SESSION 20 1. Procuring of TOP-CSC	 Overall Procedure TOP-CSC Activity Checklist TOP-CSC Documentation BCA TOP Requirements Tech Dept TOP Requirements Registered Inspector matters 	Wednesday, 16 September 09 7.00pm to 9.30pm

7

Stage / Objective	Subject	Scope	Date / Time
N. Maintenance Period / Defects Liability O. Closing-Out of Project	SESSION 21 1. Action during Maintenance Period 2. Formal closing-out of Project	 Defects Identification, Defects rectification procedure, Method Statements and monitoring Maintenance Certificate Final Certificate Settlement of all Final Payments As-Built Drawings and Records Client's Feedback Lessons Learnt Putting back in the Learning Loop 	Wednesday, 23 September 09 7.00pm to 9.30pm
	Cross Reference to Current Syllabus for PPE 9.2.6: Building Contract – Post Contract Adm	:	
P. Miscellaneous Related Acts & Statutes	SESSION 22 1. Housing and Developers Act	1.	Wednesday, 30 September 09 7.00pm to 9.30pm
Q. Professional Maturity	SESSION 23 1. Architects Acts, Rules and the Code of Professional Conduct and Ethics 2. Multi-Corporate Practice	 Highlight pertinent clauses on Architects Act, Rules and Codes Review of past disciplinary cases and learning points for architects Setting up of architectural firms or corporations 	Wednesday, 21 October 09 Thursday, 29 October 09 7.00pm to 9.30pm
	Cross Reference to Current Syllabus for PPE 9.1.1: Architect's Act 9.2.1: Architect's Rules, Professional Conduc 9.2.2: Relevant SIA Publications 9.2.9: Related Industries, Form's of Architect	:	
	SESSION 24 3. Model Answers	From past year questions	Wednesday, 14 October 09 7.00pm to 9.30pm