

Organized By:



**EDUCATION
PARTNER**



L GEES Limited: First USGBC Education Partner in Greater China

LEED v4

Accredited Professional and Green Associate Exam Preparation Training

Convened by L GEES Limited
NO. 9 - 25 2015

2015. July, September, November Hong Kong

Co-organizers:



IFMA™ Hong Kong Chapter
International Facility Management Association



Supporting Organizations:



AEEMM
澳門機電工程師學會
Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau
The Macau Institute of Electrical and Mechanical Engineers



工程界社促會
Association of Engineering Professionals
in Society Ltd

ASHRAE Hong Kong Chapter

ACSD 亞洲持續發展中心
Asian Centre for Sustainable Development



港慧顧問有限公司
Asian Gateway Consultants Ltd



Chartered Institute of Housing
Asian Pacific Branch
英國特許房屋經理學會亞太分會



Chartered Institution of
Water and Environmental
Management



香港能源工程師學會
Hong Kong Association of Energy Engineers



香港風險管理與安全協會
Hong Kong Association of
Risk Management and Safety



環境保護師學會
Institution of
Environmentalists

**Institute of
Measurement
and Control**



engineering success
soe hong kong region
營運工程師學會 香港分會



香港城市大學
City University
of Hong Kong



School of Continuing and Professional Education
專業進修學院



THE ACADEMY OF INTELLIGENT
BUILDING CERTIFICATION
智能建築認證學院



The Association of
Energy Engineers
Hong Kong Chapter



The Association of Consulting Engineers of Hong Kong
香港顧問工程師協會



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學



The Hong Kong Institute of
Facility Management
香港設施管理學會



THE HONG KONG INSTITUTE OF
SURVEYORS
香港測量師學會



香港房屋經理學會
The Hong Kong Institute of Housing



香港建築師學會
The Hong Kong Institute of Architects



Urban Land
Institute
Asia Pacific

LEED Professional Exam Preparation Training

LEED and LEED credentials:

LEED:

LEED stands for Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. LEED certified buildings save money and resources and have a positive impact on the health of occupants, while promoting renewable, clean energy.

LEED is developed by U.S. Green Building Council (USGBC) and is one of the most popular green building rating systems in the world. LEED v4 is the newest version, which is bolder and more specialized.

LEED Green Associates (GA) and Accredited Professional (AP):

The LEED Green Associate Exam is designed to test the general knowledge of green building practices and how to support other professionals working on LEED projects. After the achievement of LEED Green Associate credential, 15 continuing education (CE) hours must be completed within 2 years.

LEED Green Associate is the entry-level of LEED credentials. People pursuing LEED AP credential need to be LEED Green Associate qualified first. If you are a LEED Green Associate when you earn the LEED AP credential, your LEED Green Associate credential expires and is replaced by the LEED AP.

The LEED AP Exam is designed to test the application of sustainable strategies in project delivery. Qualified LEED AP with specialty can greatly help project delivery and contribute one point to the LEED project if one of the core project team member is a LEED AP with specialty relative to the project type.

LEED AP must complete 30 continuing education (CE) hours within 2 years after the achievement of AP credential.

LEED AP credential has the following specialties:

- LEED AP for Building Design and Construction (BD+C): Suits professionals with expertise in the design and construction phases of green buildings, serving the commercial, residential, education and healthcare sectors.
- LEED AP for Interior Design and Construction (ID+C): Serves participants in the design, construction and improvement of commercial interiors and tenant spaces that offer a healthy, sustainable and productive work environment.
- LEED AP for Building Operations and Maintenance (O+M): Distinguishes professionals implementing sustainable practices, improving performance, heightening efficiency and reducing environmental impact in existing buildings through enhanced operations and maintenance.
- *LEED AP for Neighborhood Development (ND): Applies to individuals participating in the planning, design and development of walkable, neighborhood and communities.
- *LEED AP for Homes: Suitable for those involved in the design and construction of healthy, durable homes that use fewer resources and produce less waste.

* Note: L GEES currently do not provide training for LEED AP ND & LEED AP Homes to public. If you have any enquiries regarding to the training of LEED AP ND / Homes please contact us at training@lgees-ltd.com

Objectives:

- Grasp the core concepts adopted by LEED V4 rating systems including integrative process, systems thinking, life cycle analysis, triple bottom line, etc.
- Understand the LEED rating system structure including the 21 different sector adaptations
- Be capable to manage the certification and submission process for LEED projects from registration, submittal, CIR to appeal
- Understand the basic documentation requirements for a LEED project
- Be prepared for Green Associate and AP specialty exam

LEED Professional Exam Preparation Training

Audience:

This course is ideal for architect, project manager, green building consultant, developer, sustainability coordinator, landscape architect, technical manager, energy engineer, MEP consultant, facility managers, or anyone interested in understanding green building principle, especially sustainable design, construction, management, purchasing, and plan to achieve a LEED professional credential.

After this training, you will get:

- 1000 mock exam questions (for LEED AP BD+C, ID+C, O+M course students)
- 500 mock exam questions (for LEED Green Associate course students)
- One month follow up for your exam review
- Three work books developed by USGBC Intelligent Properties, authorized by USGBC to USGBC Education Partners only

Educators:

Ms. Lili Pan

Founder, MD
@ L GEES Limited
LEED AP BD+C,
LEED AP O+M,
LEED AP ID+C
Certified Energy
Manager
USGBC Emerging Professional
LEED International Round Table Member



Ms. Lili Pan has been working on LEED projects since 2008, the year she obtained LEED AP credential with high mark (190+). She has provided LEED consultancy services to many landmark projects in East Asia and practiced 'life cycle energy performance quality assurance' in those projects through energy modeling, building commissioning/retro commissioning and measurement & verification.

In 2013, together with GEES Tech., Lili established L GEES, which later becomes the first and so far the only USGBC Education Partner in Greater China.

Mr. Alain Tang

VP, @ The GEES Group
Fellow of HKIE
Chartered Engineer
MIET, MCIBSE
Certified Carbon Auditor
Certified Energy Manager
Register Energy Assessor



Mr. Alain has been working in Facilities Management in corporate headquarter buildings, hospitality complexes, oil and gas facilities and public utilities undertaking more than thirty years. He has a wide range of professional knowledge in construction, project management, operation and maintenance across different commercial environments. In addition to his wealth of experience in Facility Management, Alain has been working in energy improvement projects across different facilities and successfully implemented several major retrofitting for building energy consumption systems to achieve substantial energy conservation.

Mr. Sean Quinn

Head of sustainable
design @ 10 DESIGN
Assistant professor @
The University of Hong
Kong
Lecturer @ Danube
University Krems



Mr. Sean Quinn leads the sustainable design practice of 10 DESIGN, a leading international master planning and architectural practice. He directs the firm's integrated design approach through energy and environmental performance, resiliency and green building certification. Sean has completed projects throughout North America, Europe, Africa, Middle-East and Asia, modelled district-wide and buildings' energy needs, designed new systems, and developed regional planning guidelines. He is a lecturer at Danube University Krems and an active speaker at international universities and conferences.

LEED Professional Exam Preparation Training

Curriculums:

Green Associate Course (GA) [Option A] (Saturday 0900-1900, 9 hours)	AP for Building Design and Construction (BD+C) [Option B] (Sunday 0900-1900, 9 hours)
<u>Jul 4 OR Sep 19 OR Nov 21</u> 1. USGBC, GBCI, LEED Online introduction 2. LEED professional scheme introduction: GA, AP and Fellow 3. LEED Process 4. Integrative strategies 5. Location and transportation, sustainable sites 6. Water efficiency, energy and atmosphere 7. Indoor environmental quality 8. Innovation and synergies 9. Case and Quiz	<u>Jul 5 OR Sep 20 OR Nov 22</u> 1. BD+C Location and Transportation prerequisites and credits 2. BD+C Sustainable Sites prerequisites and credits 3. BD+C Water Efficiency prerequisites and credits 4. BD+C Energy and Atmosphere prerequisites and credits 5. BD+C Materials and Resources prerequisites and credits 6. BD+C Indoor Environmental Quality prerequisites and credits 7. BD+C Innovation in Design and regional priority credits 8. Case and Quiz
AP for Interior Design and Construction (ID+C) [Option C] (Monday, Tuesday, Wednesday, 1900-2200, 9 hours)	AP for Building Operations and Maintenance (O+M) [Option D] (Saturday 0900-1900, 9 hours)
<u>Jul 6-8 OR Sep 21-23 OR Nov 23-25</u> 1. ID+C Location and Transportation prerequisites and credits 2. ID+C Water Efficiency prerequisites and credits 3. ID+C Energy and Atmosphere prerequisites and credits 4. ID+C Materials and Resources prerequisites and credits 5. ID+C Indoor Environmental Quality prerequisites and credits 6. ID+C Innovation in Design and regional priority credits 7. Case and Quiz	<u>Jul 11 OR Sep 26 OR Nov 28</u> 1. O&M Location and Transportation prerequisites and credits 2. O&M Sustainable Sites prerequisites and credits 3. O&M Water Efficiency prerequisites and credits 4. O&M Energy and Atmosphere prerequisites and credits 5. O&M Materials and Resources prerequisites and credits 6. O&M Indoor Environmental Quality prerequisites and credits 7. O&M Innovation in Operation and regional priority credits 8. Case and Quiz
Language: English Venue: Eco and Health Institute, 1A, 1F, Comfort Gardens, 60, King's Road, North Point, Hong Kong (3 minutes' walk from Fortress Hill MTR Station Exit A turn left)	

Fees:

	GA only OR any 1 Option of AP Courses (9 hour)		GA AND any 1 option of AP Courses (18 hours)	
	Early bird [#]	Regular Fee	Early bird [#]	Regular Fee
Member of co-organizer	HK\$ 3,000	HK\$ 3,500	HK\$ 6,000	HK\$ 7,000
Company Discount*	HK\$ 3,300	HK\$ 3,800	HK\$ 6,600	HK\$ 7,600
Member of supporting organization	HK\$ 3,500	HK\$ 4,000	HK\$ 7,000	HK\$ 8,000
Others	HK\$ 4,000	HK\$ 4,500	HK\$ 8,000	HK\$ 9,000

* Company Discount applies if 3 or more individuals from the same company enroll at the same time. This cannot be applied together with other discount.

[#] Early bird:

For July course: Registration prior to 4th June

For September Course: Registration prior to 19th August

For November Course: Registration prior to 21st October

LEED Professional Exam Preparation Training

REGISTRATION FORM

Seating is limited; registration deadline is ONE WEEK PRIOR to training date

Confirmation for seat after payment received

Please deposit payment to L GEES limited account# 078-505302-838 at HSBC,

Then email deposit slip and registration form to training@lgees-ltd.com

Name:	_____	Email:	_____
Company:	_____	Position:	_____
Organization:	_____	Membership No.:	_____
Mobile:	_____	Company phone:	_____

Please tick which course to be applied:

- ☐ Green Associate [Option A]
 - ☐ Jul 04 OR ☐ Sep 19 OR ☐ Nov 21
- ☐ AP for Building Design and Construction (BD+C) [Option B]
 - ☐ Jul 05 OR ☐ Sep 20 OR ☐ Nov 22
- ☐ AP for Interior Design and Construction (ID+C) [Option C]
 - ☐ Jul 06-08 OR ☐ Sep 21-23 OR ☐ Nov 23-25
- ☐ AP for Building Operations and Maintenance (O+M) [Option D]
 - ☐ Jul 11 OR ☐ Sep 26 OR ☐ Nov 28

Payment for the Course:

I/We would like to apply the above course(s) with the total sum of HK\$ _____ for _____ participant(s).

Follow up:

You can purchase electronic or print version of LEED reference guides from USGBC online store:

<http://www.usgbc.org/store/products/publications>

To register for LEED exams, please go to <http://www.usgbc.org/credentials>. L GEES will provide you guidance for exam registration.

Remarks:

- 1) USGBC waives the eligibility requirement for candidate taking LEED AP exam after June 30, 2014.
- 2) For more information, please check [USGBC website](http://www.usgbc.org) and [LGEES LEED training website](http://www.lgees-ltd.com)
- 3) For any enquiry please contact us at training@lgees-ltd.com
- 4) L GEES is so far the first and only independent USGBC Education Partner in Greater China. All our training materials are supported by authorized USGBC intellectual properties.