



A Leader in Education
and Research on the
Built Environment

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of the built environment

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Diploma in Electrical Engineering & Clean Energy

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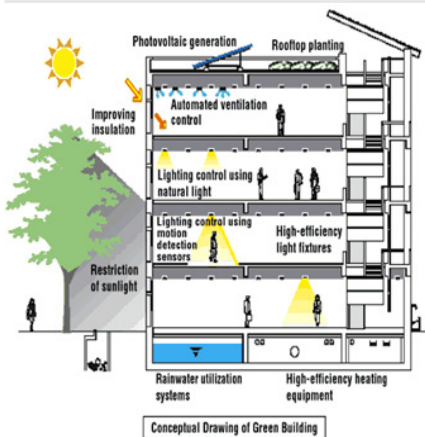
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Diploma in Electrical Engineering & Clean Energy

- Graduates are trained in the following skills and knowledge:

- Design, O&M of electrical services for buildings;
- Perform energy auditing works;
- Design and commission of grid-tied and stand-alone photovoltaic systems;
- Conservation and optimisation of energy usage in buildings.
- Life-skills such as communication and problem solving skills



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A snapshot of subjects....

Electric Circuit Analysis

Digital Electronics

Clean Energy Technology

Building Technology

Elements of Business

Life Skills

Green Mark Manager

Energy management & Economics

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CHALLENGES OF TODAY'S WORLD



Climate Change:

A global phenomenon.

No country is spared.



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Getting Serious about GREEN

Green Building Design is fast becoming a Standard Practice.



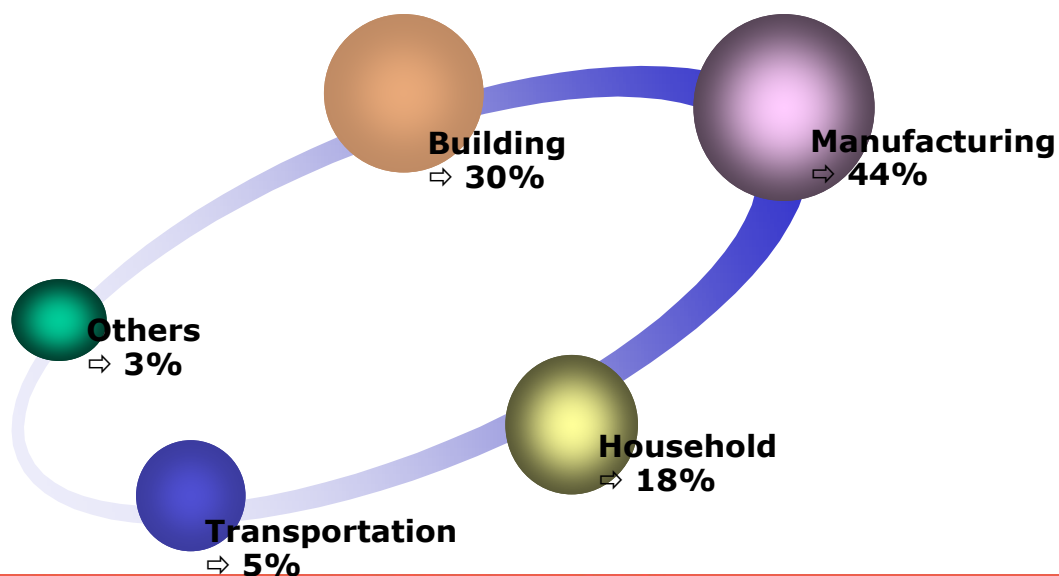
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Singapore Energy Consumption



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Singapore's Target

80% of Buildings **'Green'**
by **2030**

'Green' meaning attaining Green Mark Standard



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Green Buildings are buildings which

- **conserve** energy, water, and material resources
- are more **healthy, safe, and comfortable**
- use **renewable energy** and environmentally **sustainable**

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Paris Climate Deal (December 2015)

- 195 countries pledged to steer the world away from fossil fuel.
- De-carbonising the global economy and preventing increase in temperature.
- Boon for the renewable energy industry such as makers of solar panel, efficient lighting, high tech home insulation etc.



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Career Opportunities

March 16, 2009, The Straits Times

**Green-collar jobs
'the sexiest around'**

80% of Buildings
'Green' by **2030**

Green-collar jobs

Some **18,000** to **20,000** green specialists will need to be trained over the **next 10 years**, to cope with the development, design, construction, operation and maintenance of green buildings

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Career Opportunities

- "WITH jobs in the financial and other sectors becoming scarce, graduating students are eyeing '**green-collar jobs**' - those in the field of preserving the environment."
 - The Straits Times 26 Nov 2008
- "Obama promises to spend \$150 billion over 10 years to create 5 million new **green-collar jobs**"
 - Time 26 May 2008

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Career Prospects:

- Energy Specialist
- Designer (Electrical services)
- Site supervisor / coordinator
- Assistant facilities manager
- Associate energy manager
- Green mark manager

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IN Construction Companies



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BBR GROUP OF COMPANIES

We are a well-established and progressive construction company. Due to our rapid expansion, we would like to invite dynamic and resourceful candidates to join us as:

PROJECT ENGINEER (Civil)

- Degree in Civil Engineering recognised by the PEB, Singapore
- Min. 1-3 years' relevant experience
- Able to coordinate, supervise, liaise with consultants and subcontractors
- Fresh graduates are also welcome to apply

PLANNING ENGINEER

- Degree/Diploma in Building or Civil Engineering recognised by the PEB, Singapore
- Min. 3-5 years' relevant experience
- Proficient in Microsoft Project or Primavera programs

M&E COORDINATOR

- Diploma/ITE in Mechanical/Electrical/Building Services
- Preferably with M&E coordination certificate, fire safety manager certificate and Class 3 driving licence
- Min. 2-3 years' relevant HDB experience an advantage
- Familiar with Local Code of Practice

ARCHITECTURAL COORDINATOR

- Diploma in Architecture/Drafting/Building Design
- Able to use AutoCAD to draft some shop drawings for sub-contracting purpose
- Min. 2-3 years' relevant HDB experience an advantage
- Familiar with Singapore building construction regulations
- Familiar with BCA Conquas Standards & Quality Mark

ARCHITECTURAL SUPERVISOR

- Diploma in Architecture/NCGS
- Min. 3-5 years' relevant HDB experience an advantage
- Able to control/manage subcontractors
- Hardworking and self-motivated

PROJECT ENGINEER (Building)

- Degree in Civil Engineering recognised by the PEB, Singapore
- Min. 3-5 years' relevant HDB experience an advantage
- Able to coordinate, supervise, liaise with consultants and subcontractors

QUANTITY SURVEYOR

- Degree/Diploma in Building Construction
- Min. 6 years' relevant experience with main contractor preferably in D&B project
- Experience in tender, award submission, progress claims and account finalisation

C&S SUPERVISOR

- Diploma in Civil Engineering/NCGS
- Min. 3-5 years' relevant experience
- Able to control/manage subcontractors
- Hardworking and self-motivated

SAFETY COORDINATOR

- Possess relevant certificates
- Min. 5 years' relevant experience
- Familiar with OHSAS 18001:2007 and ISO 14001:2004 standards

LIASION OFFICER

- Degree holder
- Min. 3 years' relevant experience in construction industry
- Effectively bilingual

SITE CLERKS

- Min. GCE 'O' with positive attitude
- Proficient in MS Office applications
- Effectively bilingual

Only S'poreans and PRs may apply.

Interested applicants, please submit your detailed resume, stating current and expected salaries and

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An established construction company
urgently requires:

**1. SENIOR PROJECT MANAGER/
PROJECT MANAGER**

**2. TECHNICAL MANAGER/
EXECUTIVE**

3. M&E ENGINEER/CO-ORDINATOR

4. ARCHITECTURE COORDINATOR

- Relevant Diploma/Degree
- Excellent construction/interiors experience
- Background in document control (position 3 only)
- Experience in Architectural industry (position 4 only)

5. SUPERVISORS/FOREMAN

- Good experience preferred

Interested, please send in your detailed resume to:
eunice_laiHR55@yahoo.com.sg

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FOR Building Developers



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Far East Organization
INSPIRING BETTER LIVES

MANAGER, CUSTOMER MANAGEMENT

You will be responsible for managing several projects while developing good relationships with buyers of our properties. You will also be required to plan, delegate and guide the staff involved to ensure good customer satisfaction to build a reputable organization.

Requirements

- Degree in Real Estate, Building Management, Estate Management or any other relevant discipline
- Minimum 10 years' relevant experience
- Dynamic personality with strong leadership traits

MANAGER, PRODUCT DEVELOPMENT

You will be responsible for conceptualizing the design and brainstorming creative aspects of the interior and architectural designs for our development projects.

Requirements

- Degree in Architecture / Design or Building Sciences
- Minimum 10 years' relevant experience in residential and commercial projects in the areas of master planning for mixed-use projects, project planning, development management, feasibility studies and cost control
- Good understanding of design, detailing, building regulations and the project implementation process

PROPERTY EXECUTIVE / CUSTOMER SERVICE EXECUTIVE

You will maintain and update all checklists, service & maintenance works reports, and ensure proper management of all properties including common facilities, M&E and building services systems. You will establish good working relationships with tenants and maintain high quality service standards.

Requirements

- Degree / Diploma in Real Estate, Building Management, Estate Management or any other relevant discipline
- Minimum 3 years' relevant experience in residential / estate / strata-titled property management
- Customer service experience and a strong service background is a must.

Interested candidates please send in your detailed resume with your current drawn salary and expected salary to career@fareast.com.sg

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IN Facility Management Companies



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ZUELLIG PHARMA
Your Market Partner in Distribution

Facility Officer

Provide support to the Facility Manager in managing the spectrum of facility management activities.

Requirements:

- Minimum ITE/NITEC or Diploma in Electrical/Mechanical Engineering or Building Services
- Minimum 2 years' relevant experience in facility management or building services
- Good understanding of GMP standards, experience in pharmaceutical, healthcare or logistics industry is a distinct advantage
- Able to troubleshoot and rectify minor defects
- Proficiency in MS Office applications is a pre-requisite
- Able to attend to emergencies after working hours and festive seasons

Interested applicants, please submit your resume and expected salaries to:

Zuellig Pharma Pte Ltd
15 Changi North Way #01-01 Singapore 498770
Email: recruit-zpsg@zuelligpharma.com
(Only shortlisted candidates will be notified.)

Premas Maintaining today, creating tomorrow
You become a better person when you become part of UGL Premas.

SENIOR FINANCE MANAGER

- Degree in Accountancy
- Min 8 yrs of experience in project / contract accounting

PUBLIC RELATIONS MANAGER

- Degree in Mass Communications or its equivalent
- Min 3 yrs experience in related field
- Effectively bilingual

RESORTS EXECUTIVE

- Diploma / Degree in Hospitality / Facility Management
- Min 3 yrs of relevant experience

PROPERTY EXECUTIVE

Facility Manager / Fire Safety Manager

- Diploma / Degree in Mechanical / Electrical Engineering / Facility Management or equivalent
- Certified Fire Safety Manager
- Min 5 yrs of experience in facility management (FM) industry

SENIOR / CONTRACTS EXECUTIVE

- Diploma in QS / Civil Engineering
- Min 2 yrs of experience in related field

M&E ENGINEER

- Diploma / Degree in Electrical Engineering / Mechanical & Air Conditioning Engineering / Building Services or equivalent
- Min 3 yrs of M&E experience

TELEPHONY SYSTEM ENGINEER

- Diploma / Degree in Information & Communications Technology or equivalent
- Min 2 yrs of relevant experience
- Knowledge in administration of Avaya PABX, CMS, Nice logger, call accounting, wall board and voicemail system

ASSISTANT ENGINEER

- Diploma in Mechanical / Electrical Engineering or related disciplines
- Min 2 yrs of experience in FM industry
- Willing to work on public holidays
- Able to perform shift duties

ENGINEERING TECHNICIAN

- NITEC in Mechanical / Electrical Engineering or related disciplines
- Willing to work on public holidays
- Able to perform shift duties

NEX, when completed in 4Q2010, will be the biggest and most exciting mall in the North East of Singapore. We are looking for suitably qualified personnel to join its dynamic Mall Management Team.

Building Supervisor/Technicians

Requirements:

- NITEC/Diploma or equivalent.
- Possess 2 - 3 years of relevant experience in building operations.
- Attend to daily building and M&E facilities management issues and mall activities.
- Supervision of contractors in carrying out preventive/corrective maintenance works.
- Need to perform shift works.

Fit Out Coordinator (Short-term contract basis)

Requirements:

- GEC O' level/Diploma or equivalent.
- Minimum 2 to 3 years' work experience in building fit out works.
- Knowledge in Auto-Cad operations is necessary.
- Assist to oversee and coordinate tenancy fit out works from inception to completion.
- Attend site meeting and regular inspection of fit out works.

Interested candidates are invited to send in their resume, stating current and expected salaries, by **24th April 2010** to:

GUTHRIE CONSULTANCY SERVICES PTE LTD
1 Fifth Avenue #02-06/07
Guthrie House
Singapore 268802
OR email to hr-gcs@guthrie-gts.com



great expectations

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Consultancy Firms



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An international multi-disciplinary engineering consultancy firm, invites applications for:

CIVIL DESIGN ENGINEERS

- Recognized Degree in Civil Engineering
- Relevant design experience in roads and rails alignment / external civil works / traffic diversions
- Familiarity with Microstation / In-roads / In-rails software would be advantageous
- Good working attitude and able to work in a team
- Good interpersonal and communication skills

M&E ENGINEERS

- Diploma or Degree graduates in Electrical, Mechanical or Building Services with minimum 5 years' relevant experience in large commercial or industrial projects

HR & ADMIN MANAGER

- Recognized Degree in HRM or Business Administration
- At least 5 years' relevant experience
- Experience in full spectrum of HR and Admin functions
- Experience in the engineering industry will be advantageous
- Familiar with ISO9001 and 14001 Management Systems

If you wish to have the opportunity to work in an international consultancy firm which offers an attractive remuneration, a conducive environment to enhance your skills and experience, please send your full resume, including photo and contact telephone number to:

T.Y. Lin International Pte. Ltd.
3791 Jalan Bukit Merah
#06-18 E-Centre@Redhill, S(159471)
E-mail: jeansoh@tylin.com.sg

(Only shortlisted candidates will be notified)


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What qualifications do the graduates obtain?

- (1) Diploma in Electrical Engineering & Clean Energy
- (2) Associate Singapore Certified Energy Manager (A/SCEM) 
 - All government buildings to have at least one manager certified at the SCEM Professional or **Associate** level
 - Singapore will be introducing a new Energy Conservation Act in 2013. Under the Act, certain industries will be required to appoint an Energy Manager



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What qualifications do the graduates obtain?

- (3) Certificate of Successful Completion in Internal Audit (QEHS) on Quality ISO9001, Environmental 14001 & Health & Safety OHSAS 18001
- (4) Green Mark Manager
 - For selected students who have successfully completed project and assessed by industry practitioner/Green Mark Department, BCA



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FURTHER STUDIES

National University of Singapore
Bachelor of Technology



NUS
National University
of Singapore

University of Technology Sydney
Bachelor of Construction Project
Management



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THANK YOU

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