

5-Day Training

SOLAR PV

Design & Installation Training Course

Presented by



SOLAR ACADEMY
INTERNATIONAL

قراءات عربيّة
QERATON ARABIA

Introduction



Qeraton Arabia offers specialized and niche services that address energy management, infrared thermography, power system studies and renewable energy services.

Qeraton Arabia also provides a variety of renewable energy services to meet the demands of any developments. Qeraton Arabia specializes in assisting public and private sector clients in designing, installing and operating solar technologies in high professional techniques. We offer Solar energy projects management services to ensure the management of projects on all levels from small domestic project to multi-million commercial enterprises. Our team has all the technical expertise in project management to bring projects to a successful conclusion. We also, provide a suitable maintenance program of such facilities such as automatic PV cleaning.

Solar Academy is a global leader in Solar Energy training. The company was launched in 2009 to meet the market needs of Ontario, Canada's Feed-In-Tariff Program, Ontario Solar Academy became Canada's leading solar training institute. We've trained over 750 graduates from across Canada, the USA, the Caribbean, Latin America, Africa and the Middle East.

Solar Academy is the most experienced, our faculty is the most credentialed, and our solar training facilities are a cut above the rest. Our courses promote the highest international standards in design, installation, and safety, and we provide regionally-focused instruction to help you successfully navigate the local Electrical Codes.

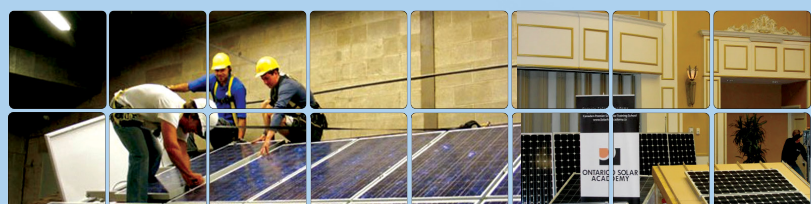
Under the guidance of our expert NABCEP Certified instructors, you will learn how to safely and efficiently install solar PV technology, whether you are a professional contractor, homeowner, or business owner.

Topics Covered

- Grid-Tied PV System Design & Sizing
- Off grid battery systems
- Rooftop Mounting Installation
- Economic, Financial & Regulatory Considerations
- Electrical Component Selection and Functions
- Customer Site Evaluation

Training Venues

- Dubai: June 1-5, 2014
- Bahrain: June 8-12, 2014
- Riyadh: June 15-19, 2014



Course Outline

Sunday

- Introduction / Course Overview
- PV Markets & Applications
- Safety Basics
- Electricity Basics
- Mini solar PV exercise
- Solar Energy Fundamentals
- Site Surveys and Pre Planning

Monday

- System Components and Configuration
- PV Cells, Modules and Arrays
- Inverters
- Solar Pathfinder exercise
- System Sizing

Tuesday

- Electrical Integration
- Batteries

- Charge Controllers
- Small roof build and Grid tied design exercise
- Load Analysis / stand-alone design exercise

Wednesday

- Mechanical Integration
- Racking and Mounting exercise
- Lunch
- Performance Analysis, Maintenance, Trouble Shooting
- Break
- Racking and Mounting exercise

Thursday

- Future of Solar
- Graduation

“Below photos are during installation training.”



Course Benefits

The Learning Objectives include ten (10) skill sets:

1. PV Markets and Applications
2. Safety Basics
3. Electricity Basics
4. Solar Energy Fundamentals
5. PV Module Fundamentals
6. System Components
7. PV System Sizing Principles
8. PV System Electrical Design
9. PV System Mechanical Design
10. Performance Analysis, Maintenance, and Troubleshooting

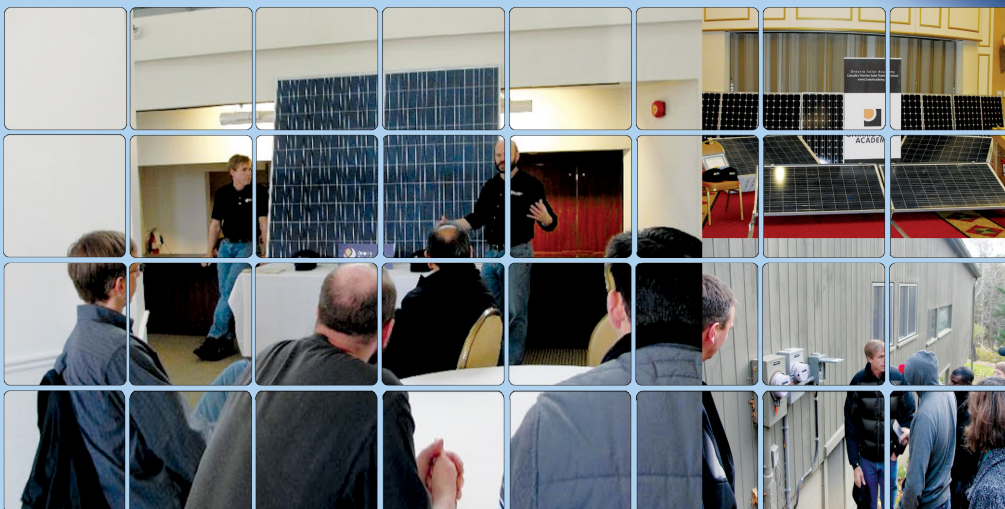
Course Benefit

1. Get yourself started in a Solar Career.
2. Start a Solar Installation Business.
3. Train up your team for Solar Success.
4. Practical Hands-On Workshops.
5. Business Networking Support.
6. Prepare students to be NABCEP-certified.

Why choose our solar training course?

1. We are authorized by NABCEP to offer its PV entry level exam
2. Our faculty is the most experienced and credentialed
3. Our guest lecturers are leading industry experts
4. We are the preferred launch pad for professional solar growth
5. We can customize the training course to be in your facility.

“Below photos are during class and field sessions. Also showing tools used.”



Registration & Fees

Five Day Solar PV Design & Installation Course:

- 1 - Early Bird Tuition - \$1,995.00 (USD)**
Regular Price \$2,345. Save \$350: Register two months in advance!
- 2 - Regular Tuition - \$2,345.00 (USD)**
Registration required one month in advance.
- 3 - Bring a Buddy @ 50% Off - \$3,517.00 (USD)**
Regular Price \$2,345
Pay full price for the first; the second is 50% Off.
Only \$1,173. Total = \$3,517. Both attendees must be from the same company.
- 4 - Late Registration - \$2,495.00 (USD)**
\$2,345 + \$150 Late Fee
Registration is required one month in advance.
Registration afterwards, if space is available, requires an additional fee of \$150.

Contact us for availability and discount registration code at mohamed.samy@qeratonarabia.com

Payment Method

Cheque deposit Or Bank transfer

Beneficiary Name: **Qeraton Arabia Contracting Co.**

Al-Rajhi BANK Account: **578608010026823**
Branch Name: **Dammam Corporate Branch**
IBAN: **SA4980000578608010026823**
Swift Code: **RJHISARI**

Address

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ORGANIZED BY:

Qeraton Arabia Contracting Co.
Solar Academy International

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