



**PRESENTS: CERTIFIED SOLAR PHOTOVOLTAIC SYSTEMS TRAINING**

**MAY 29 - JUNE 2, 2017, ST. VINCENT**

**Exam on June 5th**

**OUTLINE**

This training program provides a very hands-on, practical and applied technical learning experience. Students obtain a practical understanding of renewable energy technologies and their long-term sustainability and are able to safely and efficiently, install, operate, maintain and troubleshoot RE systems in their respective communities.

In order to build and maintain the infrastructure for clean energy, a nation must ensure that those who will manage and operate its facilities have the skills necessary for the job and the ability to transfer those skills to future generation as time and technology progresses.

Coursework involves both classroom and hands-on training, to give students familiarity with actual systems and applications.

This training consists of a 40-hour week class with the measurable objective to train technically minded students to pass (**North American Board of Certified Energy Practitioners**) associates exam after completing the class. The main objective is to have students receive the knowledge to become PV (photovoltaic) technicians or themselves train others with sufficient new understanding to safely and efficiently build, operate, and maintain PV systems in their communities. The course will focus on the key competencies addressed in the NABCEP Associate level exam. The PV Entry Level Learning Objectives include ten(10) knowledge content domains.

**WHO CAN SIGN UP?**

- Home owner, business Owners, and Facility Managers
- Contractors, builders, and Remodelers
- PV System Installation Crews
- Electricians and those skilled in electrical construction
- Engineers and Architects
- Entrepreneurs, Sales & Marketing professionals
- Everyone who want to become solar industry professionals

After completing the NABCEP training program, students will understand

- PV Markets and Applications
- Safety Basics
- Electricity Basics
- Solar Energy Fundamentals
- PV module Fundamentals
- System Components
- PV System Sizing Principles
- PV System Electrical Design
- PV System Mechanical Design
- Performance Analysis, Maintenance and Troubleshooting

**Accommodation**

**The Cobblestone Inn  
Bay Street, St. Vincent  
784 456 1937  
US\$80 plus taxes nightly**

**Venue**

TBA

**Course Hours**

8:00 -12:30pm &  
1:30– 6:00pm

**Fees**

**Members: USD\$2700.00  
USD\$2200.00 per person for a group of 3 or more**

**Payment plan available, with seven (7) installments beginning November 2016**

**INSTRUCTOR**

Dr. Wayne Archibald, is Principal of Archibald Energy Group LLC. Dr. Archibald obtained his MS. and Phd. In Materials Science and Engineering from Carnegie Mellon University. Dr. Archibald is a Director of North American Board of Certified Energy Practitioners. Some projects he worked include “Islands in the Sun: The deployment of solar in the US Virgin Islands”. He previously worked as an Assistant Professor in Chemistry and Mathematics at University Virgin Islands for six years.

Archibald Energy Group, LLC works at the intersection of energy and climate change. We hope to revolutionize the Caribbean region by introducing renewable energy policies, technologies and initiatives that will dramatically reduce the carbon footprint of the region. We form strategic partnerships with energy companies that design and install solar systems, study environmental impacts and help assist in policies for renewable energy and climate change.

***A Level 1 Certificate will be awarded for attendance at this course.***

**FOR REGISTRATION PLEASE CONTACT:**

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**OUTLINE FOR EXAM**

Each examination consists of seventy (70) multiple-choice questions, with four (4) choices per question. Sixty (60) of the questions are scored and ten (10) of the questions are un-scored pilot questions.

The pilot questions are randomly distributed throughout the examination and are not identified.

Candidates must complete the Exam within two (2) hours of when it begins. (Note: 30-60 minutes of time is typically required for pre-Exam administrative activities once all candidates have arrived; therefore, the room should be reserved for a minimum of three hours.)

The passing score is determined after psychometric analytics are performed for each examination. Scoring occurs using a scaled process to ensure fairness from one examination to the next.

A Pass or Fail Score Report will be mailed directly to each Candidate after their answer sheet has been submitted and scored.

Exam Administrators will have access to Candidate score records via their myNABCEP online account.

Accommodation	Venue	Course Hours	Fees
TBA	TBA	8:00 -11:30pm	<b>Members: USD\$2700.00</b> <b>USD\$2200.00 per person for a group of 3 or more</b>

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