



**SAMUEL JACKMAN PRESCOD  
INSTITUTE OF TECHNOLOGY**

## SAMUEL JACKMAN PRESCOD INSTITUTE OF TECHNOLOGY

### ON-LINE CATALOGUE OF RENEWABLE ENERGY EDUCATIONAL OPPORTUNITIES

COURSE /PROGRAMME DESCRIPTIONS	APPLICATION DETAILS	HYPERLINKS	CONTACT INFORMATION	SCHOLARSHIPS	EVENTS
<b>PHOTOVOLTAIC INSTALLATIONS 1</b>					
<p>This 45-hour course is designed to provide participants with an overview of alternative and renewable energy in the global context. Participants are introduced to the fundamentals of Solar Photovoltaic systems and the procedure for installing photovoltaic panels in a safe workplace environment. They also have the option of being certified in some of the related units the National Vocational Qualifications (NVQ) in Photovoltaic Installations Roofer /Fitter. This course also provides the base for higher studies in the field. Graduates can find employment as entry level roofer/fitter within the Industry</p> <p>This Full-time course is offered within the Diploma in Electrical Installation.</p>	<p>Cohorts commence in August, January and on demand.</p> <p>Year round on-line application</p>	<p><a href="http://sjpi.edu.bb/?page_id=3794">http://sjpi.edu.bb/?page_id=3794</a></p>	<p>Samuel Jackman Prescod Institute of Technology, Barbados</p> <p>1-246-535-2200</p> <p><a href="https://sjpi.edu.bb/">https://sjpi.edu.bb/</a></p>	<p>Barbados National Oil Company Limited (BNOCL)</p> <p>\$1000.00</p>	<p>None</p>

<p>It is also offered Part-time within the Division of Distance and Continuing Education/Open and Flexible Learning Centre (DCE/OFLC)</p>					
<p><b>PHOTOVOLTAIC INSTALLATIONS 2</b></p>					
<p>This 60-hour course is designed to provide participants with an overview of alternative and renewable energy in the global industrial context. Participants are introduced to the fundamentals of Solar Photovoltaic systems design and safe system installation. They are taught how to safely install the modules and make the grid connected or stand-alone electrical connections.</p> <p>Participants also have the option of being certified in the National Vocational Qualifications (NVQ) in Photovoltaic Installation - Electrical Technician, Level 3</p> <p>The course is offered Part-time within the Division of Distance and Continuing Education/Open and Flexible Learning Centre (DCE/OFLC)</p>	<p>Cohorts commence in August, January and on demand.</p> <p>Year round on-line application</p> <p>Conducted Face-face</p>	<p><a href="http://sjpi.edu.bb/?page_id=3796">http://sjpi.edu.bb/?page_id=3796</a></p>	<p>Samuel Jackman Prescod Institute of Technology, Barbados</p> <p>1-246-535-2200</p> <p><a href="https://sjpi.edu.bb/">https://sjpi.edu.bb/</a></p>	<p>Barbados National Oil Company Limited (BNOCL)</p> <p>\$1000.00</p>	

**ELECTRIC VEHICLE MAINTENANCE FUNDAMENTALS 1**

This 30-hour course is specifically designed for persons who will encounter Electric Vehicles (EVs) within a routine maintenance situation. It covers the knowledge and skills required to work safely around EVs including those vehicles that may have sustained damage to their electric systems. The course content covers the theoretical knowledge of vehicle electrification as well as the practical skills required to service EVs. EV Maintenance fundamentals offers instruction to a specialized sector which will compliment current industry experience and enable persons to continue to work safely in their respective work environments.

Part-time within the Division of Distance and Continuing Education/Open and Flexible Learning Centre (DCE/OFLC)

Conducted  
Face-face

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\$1000.00

**HYBRID ELECTRIC VEHICLE MAINTENANCE TECHNOLOGY**

The 60-hour course in Hybrid Electric Vehicle Maintenance Technology (HEV) training provide comprehensive and interactive training experiences that lead to graduates being proficient and productive in HEV engineering concepts and processes. The fundamentals taught in this course readily apply to the light

Part-time within the Division of Distance and Continuing Education/Open and Flexible Learning Centre (DCE/OFLC)

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commercial vehicle and passenger car industries.	Conducted Face-face			\$1000.00	
<b>ENERGY ADVISING</b>					
<p>The qualification is specifically designed for person who will be providing energy usage/conservation advice to a customer. This may be used in conjunction with the sales and installation of renewable energy generation such as wind or PV (solar) generation. Due to the growing global trend for decreasing energy consumption and the addition of incentives from financial companies and the government this may be a stand-alone position.</p> <p>The duration is dependent on the candidate acquiring the required level of competency.</p> <p>It is also offered Part-time within the Division of Distance and Continuing Education/Open and Flexible Learning Centre (DCE/OFLC)</p>	Available on demand by groups, full cohort or by Prior Learning Assessment and Recognition (PLAR)		<p>Samuel Jackman Prescod Institute of Technology, Barbados</p> <p>PBX 1-246-535-2200</p> <p>N/CVQ Coordinator 1-246-535-2281</p> <p><a href="https://sjpi.edu.bb/">https://sjpi.edu.bb/</a></p>	<p>Barbados National Oil Company Limited (BNOCL)</p> <p>\$1000.00</p>	

**WIND ENERGY**

The course in Wind Energy introduces participants to the both the theoretical and practical foundations of Wind Energy such as Electrical Installation, installation of wind turbines and wind energy system design while working under safe and secure workplace practices.

In addition, participants are prepared for the world of work through studies in Entrepreneurship.

The duration is dependent on the candidate acquiring the required level of competency.

It is also offered Part-time within the Division of Distance and Continuing Education/Open and Flexible Learning Centre (DCE/OFLC)

Available on demand by groups, full cohort or by Prior Learning Assessment and Recognition (PLAR)

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