



THE UNIVERSITY OF THE WEST INDIES
MONA CAMPUS, JAMAICA, WEST INDIES
DEPARTMENT OF PHYSICS

The target audience for the modules are:



- ◇ Students
- ◇ Persons interested in the field
- ◇ Energy Practitioners
- ◇ Small business operators

Each week long module includes interactive presentations each morning followed by hands-on in the field/laboratory activities each afternoon.

FOR INFORMATION CONTACT

Phone: 876-927-2480

Fax: 876-977-1595

E-mail: physics@uwimona.edu.jm

Website: www.mona.uwi.edu/physics/aecert/home



CERTIFICATE COURSES IN ALTERNATIVE
ENERGY AND ENERGY MANAGEMENT
2015



Monday — Friday 8—5

Module	Title	Date	Summary	Major Partners	Cost
1	NREL Energy Assessment and Auditing Training	July 6-10	<p>The objective of this module is to teach state of the art assessment techniques using standardized analysis and assessment tools. Through completion of the course, students will have the knowledge and resources needed to conduct comprehensive energy assessments.</p> <p>Students are taught to use onsite assessment tools, fill out data collection forms, use analytical tools created by NREL, and generate a comprehensive energy assessment report.</p>	<p>BRIDGE</p> <p>National Renewable Energy Laboratory (NREL)</p> <p>Clean Energy Solutions Center (CESC)</p>	\$30,000
2	Solar PV Introductory Course and NABCEP Training	July 13-17	<p>The objective of this module is to teach the basics of photovoltaic energy systems. Students will also be prepared to sit the North American Board of Energy Practitioners (NABCEP) Entry Level Exam.</p> <p>Students are taught about the theory of solar energy, PV system design and PV system installation.</p>	<p>BRIDGE</p> <p>Arizona State University (ASU)</p> <p>Netherlands Organisation for Applied Scientific Research, Aruba (TNO)</p>	\$30,000
3	Other Energy Sources and Alternative Energy Issues	July 20-24	<p>The objective of this module is to introduce various renewable energy sources as well as to examine various issues related to integrating renewables with the grid.</p> <p>Students are taught wind, hydro, solar thermal, bioenergy, and geothermal as well as grid integration from the grid perspective and from the renewables perspective. Issues related to policy and regulations in the industry will also be examined.</p>	<p>Wigton Wind Farm (WWF)</p> <p>Scientific Research Council (SRC)</p> <p>Jamaica Public Service Company</p>	\$30,000