

# **Molokai – Introduction to Solar Hot Water Design and Installation Trainee Information and Application**

An Initiative of the Maui Rural Development Project (RDP)  
& University of Hawaii-Maui College

## **Hybrid Course: Online and On-site on Molokai**

### **Broadcasts to Molokai Ed Center:**

Tuesdays & Thursdays, 5:30pm-8:30pm:  
March 5, 7, 12, 14, 19, 21; April 2, 4, 9, 11;  
Plus 2 class dates to be determined by the class.

**On-site on Molokai** - Thursday, Friday, Saturday, 9:00am-5:00pm:  
April 24, 25, 26

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**Section 1: Entry Level PV Participant Information**

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**Section 2: Entry Level PV Application**

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[Submit pages 4-5 to apply]

## **Application Deadline:**

**Applications must be received at the college  
no later than February 17, 2013**

## SECTION 1: Intro to Solar Hot Water Trainee Information

### *Overview*

This program is a hybrid course that combines 6 weeks of online classes followed by 3 final days of classes held on-site at the UH Molokai Education Center.

The training provides entry-level training in solar hot water design and installation. The curriculum introduces students to solar thermal applications, theory, safety issues, troubleshooting and monitoring, solar thermal design and installation, and licensing and permitting requirements. The course includes both classroom and hands-on experience.

### *Instructor*

*Clifford Rutherford* was a former building contractor and practiced plumbing and solar hot water installation with a local division of a national plumbing franchise on Maui and received solar hot trainer certification through the National Renewable Energy Lab (NREL). As an Instructor at UHMC, he was Program Coordinator for the Construction Academy Program and taught energy and construction trade credit courses with the Sustainable Construction Technology Program.

### *Course Information*

#### **Dates:**

**Broadcast to Molokai** - Tuesdays & Thursdays, 5:30pm-8:30pm: March 5, 7, 12, 14, 19, 21, 26, 28; April 2, 4, 9, 11;

**On-site on Molokai** - Thursday, Friday, Saturday, 9:00am-5:00pm: April 18, 19, 20

**Time: Broadcast to Molokai** – 5:30pm – 8:30pm, **On-site on Molokai** – 9:00am-5:00pm

**Location:** Molokai Education Center  
375 Kamehameha V Highway  
Kaunakakai, HI 96748  
(808) 553-4490

### *Eligibility*

- Individuals employed by or seeking employment with organizations that provide energy management or solar installation services to homes and/or businesses
- Independent contractors and entrepreneurs who provide or seek to provide energy management or solar installation services
- Independent contractors and entrepreneurs looking to expand their skills and knowledge base of energy management or solar installation.
- Individuals must have a high school diploma or equivalent

## ***Program Participant Benefits***

- Highly personalized attention to the unique training needs of each participant
- Excellent professional development opportunity and development of skills in current energy management best practices

## ***Certificate of Completion***

Upon successful completion of *all* of the Introduction to Solar Hot Water Design & Installation components, participants will then be recognized and awarded a certificate of completion by the University of Hawaii-Maui College for successful completion of the program.

## ***Application Materials***

Please send the last 2 pages of this application to:

1. Sustainable Living Institute of Maui  
UH Maui College  
310 W. Kaahumanu Ave., Kupaa #201  
Kahului, Hawaii 96732  
OR  
Scan and email to [SLIMinfo@hawaii.edu](mailto:SLIMinfo@hawaii.edu)

**DEADLINE FOR RECEIPT OF APPLICATION FORMS (the next 2 pages)  
VIA EMAIL OR SNAIL MAIL IS **FEBRUARY 17, 2013****

**SECTION 2: INTRO TO SOLAR HOT WATER DESIGN & INSTALLATION – MOLOKAI**

[Please complete all parts of this application in order to be considered for a scholarship]

**Personal Information**

First Name: Last Name:

Home Address: City:

State: Zip:

Home Phone: Cell Phone:

Emergency Contact: Email:

Best times to reach you by phone:

**Work Experience:** Please list last three jobs

| <b>Employer</b> | <b>Position/Title</b> | <b>Supervisor<br/>(Name and<br/>Phone)</b> | <b>Dates</b> | <b>Reason for<br/>Leaving</b> |
|-----------------|-----------------------|--|--------------|-------------------------------|
|                 |                       |  |              |                               |
|                 |                       |  |              |                               |
|                 |                       |  |              |                               |

**Education:** Please list all schooling, including all certifications and degrees

|                    | <b>School</b> | <b>Dates</b> | <b>Degree/Diploma/<br/>Certification</b> |
|--------------------|---------------|--------------|--|
| Certifications     |               |              |  |
|                    |               |              |  |
| High School        |               |              |  |
|                    |               |              |  |
| College/University |               |              |  |
|                    |               |              |  |

**Additional Information**

Please describe your knowledge, skills, and abilities and any prior training or on-the-job experience you have acquired in an energy-related field.

Briefly tell us why are you interested in this training program?

How did you hear about the program?

Upon reviewing the commitment of time and effort involved in this program, can you participate fully in **ALL** classes and homework projects? Yes/No (If no, please explain)

HAVE YOU EVER BEEN CONVICTED OF A CRIME? \_\_ No \_\_ Yes

If yes, explain number of conviction(s), nature of offense(s) leading to conviction(s), how recently such offense(s) was/were committed, sentence(s) imposed, and type(s) of rehabilitation.

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Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*Present Employer's Signature: \_\_\_\_\_ Company \_\_\_\_\_

***Please make two copies of your application. Retain one for your records. Please send your application to:***

Sustainable Living Institute of Maui  
UH Maui College  
310 W. Kaahumanu Ave., Kupaa #201  
Kahului, Hawaii 96732  
or  
Scan & Email to [SLIMinfo@hawaii.edu](mailto:SLIMinfo@hawaii.edu)