





HOPE FOR A BETTER FUTURE VOCATIONAL TRAINING INSTITUTE

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 Mile 1 Junction, Up-station, Bamenda

CALL FOR APPLICATION: CRASH COURSE ON SOLAR ENERGY

Are you ready to harness the power of the sun? Join our comprehensive Solar Energy Training Program and become a solar energy expert!

Why This Training?

This practical, skills-based program is designed to help you master solar energy systems and monetize your knowledge. Whether you want to start your own solar business, land a high-paying job, or expand your technical skills, this training will set you on the right path.

Program Overview:

This program consists of 4 modules to be completed in 4 weeks, each module covered in class, making a total of 4 classes spread over 4 weeks.

Modules:

Module 1: Data Collection & Power Sizing: Fees= 8,000 FRS

Module 2: Site Selection & Installation: Fees= 5,000 FRS

Module 3: Material Choice & Testing: Fees = 3,500FRS

Module 4: Troubleshooting & Maintenance: Fees = 3,500FRS

Enrollment Options:

1. **Individual Modules:** Select up to 3 modules of your choice and pay individual module fees
OR
2. **Full Package:** Enroll in all 4 modules at **15,000 FRS**

Dates

Application Deadline: **June 28th 2025**

Program Start Date: **July 4th 2025**

Training location: Mile 1, up-station Bamenda

Link to application form:

Click on the link below or copy it and paste in your browser to apply

<https://ee.kobotoolbox.org/x/SsBmeGZN>

For more information, visit our HOBEFI website at hobefi.org or contact us at 650139070

Learning objectives

1. DATA COLLECTION AND POWER SIZNG

What you will be able to do at the end of this course.

- Determine the electricity needs of a home
- Determine the correct size of panels, charge controller, inverter, batteries and other accessories to use
- Determine proper orientation of solar panels
- Determine the safest location within premises where to install solar components

2. SITE SELECTION AND INTALLATION

What you will be able to do after this course

- Choose best and appropriate site for solar power installation
- Use Google Earth and irradiation services to determine the solar worthiness of a geographic location
- Install solar power for homes, street light systems and institutions and for water pumping
- Identify obstacles, both geographical and environmental to the proper functioning of solar power, for easy mitigation

3. MATERIAL CHOICE AND TESTING

What you will be able to do at the end of this course.

- Differentiate between good and bad solar panels, good and bad inverters and batteries
- Select the best equipment that suit the needs of the customer
- Test batteries before purchase to determine those that have lost capacity for being overdue in shops
- Choose cables and protective devices for installation
- Prioritize copper and/or aluminum based products based on function and cost

4. TROUBLESHOOTING AND MAINTENANCE

What you will be able to do at the end of this course.

- Test the efficiency of each component
- Trace and result faults within the system
- Carry out regular maintenance to ensure longevity and continuity of the solar installation

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