



Solar 101 PLUS

5-day blended learning for non-technicals

We have combined two of our most successful beginner courses in solar energy to create a week-long immersive experience at our academy in the fundamentals of PV solar power.

We start with a 2-day interactive **eLearning course** to introduce participants to the topic of solar energy. A live trainer will guide the class, pausing to demonstrate concepts with practical exercises, answer questions and assign work tasks.

From day 3 to 5, we switch to traditional trainer-led **classroom learning**. Participants will be taught about the basics of solar electricity, the function, quality and selection criteria of all components in a system, as well as system operation and maintenance.

Afterwards, they be able to understand the technical terms required to sell PV systems and grasp the business aspects of solar PV without having to go into complicated detail or calculations.

There are no deep technical discussions in the course. Nevertheless, the working principles of PV and all aspects of solar project planning and implementation are discussed at least briefly to get a full impression of what PV installations entail. After the course, it is possible to continue with advanced level training.



Accreditation

The Solar 101 PLUS course is accredited by the German Solar Energy Society (DGS). You receive an internationally-recognised certificate of participation issued jointly by GREEN Solar Academy and DGS. GREEN Solar Academy is a QCTO-accredited Skills Development Provider.



Start out in the industry as a complete beginner



Learn how to sell a PV system to a client



Understand different PV products

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Target Audience

The Solar 101 PLUS course was developed for people without a technical background such as:

- Sales and administration staff
- Solar newcomers
- Managers who don't need a deep dive into the technicalities
- Solar company staff who only need basics and not design
- Youth and Matriculants looking for basic solar education

Our trainers

GREEN's trainers come from across Africa and are all invested and experienced in the solar industry. All trainers undergo high quality training in our teaching methods and our standardised course material before becoming accredited as GREEN trainers. Our team currently consists of over 20 trainers for all skill levels.



Join our course and begin your PV journey



Day 1 & 2

A live facilitator leads the class through the eLearning course called Principles of PV Systems.

Content includes videos, interactive exercises, learning guides, podcasts, and quizzes that test knowledge as students go along. Each chapter ends with a formative assessment and the training concludes with a final summative assessment.

Day 3 to 5

Traditional classroom-based teaching that focuses on:

- Basics of solar electricity
- PV components and quality criteria
- Types of PV systems
- Introduction to protection and safety
- Installation, operation and maintenance
- Renewable energy laws and regulations
- Advantages of solar PV
- Sales exercises

Interested in Solar 101 PLUS? Contact us!

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