Course Overview
This course offers comprehensive, technical knowledge for grid tied systems. It provides both classroom taught lectures and hands-on training at our 15kWp PV unit. This includes design, installation and safety regulations. Operation, maintenance and metering with data logging. After positive completion, trainees can apply for a T3 license from the Energy Regulatory Commission (ERC) to become a certified SPV technicians.

Course Objectives
The participants will be able to:
• Design and size a grid connected PV system that conforms to national and international standards
• Select the appropriate components and equipment for PV systems
• Simulate and optimize different system sizes and configurations to meet the clients needs

Focus Areas and Course Content
PV systems and Solar as an energy resource. Modules types, array configurations and mounting structures. Performance monitoring and metering of grid tied systems. Work safety, lightning and surge protection. Grid connected inverter selection and sizing. Site surveys, commissioning, operation and maintenance of grid connected PV systems.

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Key Benefits
NITA accredited course. On-site practicals and e-learning support services. Alumni discounts. Renowned faculty with professional experience in the energy sector.

Delivery
5 days of classroom sessions and 15-days of E-learning support. Hands-on practical exercises and a detailed site visit of Strathmore's 600 kWp system, the first PV plant in Kenya with a power purchase agreement (PPA).

Who Should Attend?
Energy system operators, electrical engineers, installers, project developers, vocational instructors, Solar PV vendors, O&M technicians.

Course Training Cost
Kes 60,000

Payment Details
Acc Name: Strathmore University
Bank: Citi Bank
Account No: 0101386108
Branch: Nairobi via Banker’s cheque addressed to: Strathmore University

Acc Name: Strathmore University
Bank: Standard Chartered Bank
Account No: 0102044844000 (KES)
Branch: Nairobi
Bank Swift Code: SCBLKENX

For more information on the program contact us on spvtraining@strathmore.edu or call +254 (0) 703 034900

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