



Participants using practical examples in training

T1 & T2 is training is ideal for groups or individuals from government, public or private institutions, electrical installation, technicians, teachers, technical institute tutors, NGO's outreach personnel & solar PV retailers and any one with passion for solar PV. **T3** is ideal for those who have done T1 & T2 and would like to advance further, PV engineers, Project Managers, Solar EPC Contractors, Solar Industry Professionals, PV system designers or those involved with designing/ implementing grid connected PV systems



Hospitality facilities available in the University

For information on how to apply, please visit the departmental website

<https://physics.uonbi.ac.ke/>.

Or email

The Chairman: at

physics@uonbi.ac.ke

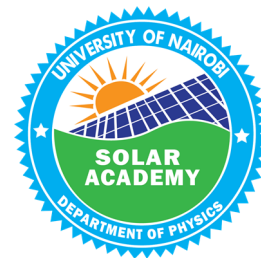
For queries call

Tel: +254794587933/+2542049914119

or email The Training Coordinator:

swaita@uonbi.ac.ke;

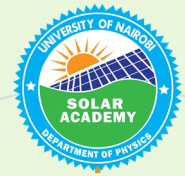
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SOLAR ACADEMY

UNIVERSITY OF NAIROBI
PHYSICS DEPARTMENT
FACULTY OF SCIENCE
AND TECHNOLOGY
(CHIROMO CAMPUS)

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SOLAR ACADEMY

SHORT PROFESSIONAL COURSES IN SOLAR PHOTOVOLTAICS (PV) SYSTEMS DESIGN, SIZING, INSTALLATION & MAINTENANCE

The Department of Physics, based in the Faculty of Science and Technology, Chiromo Campus, in conjunction with the Solar Energy Research Group offers **Concultyancy** and **Professional training in Solar PV Systems Design, Sizing, Installation, Maintenance and Commissioning at the level of Technician T1, T2 and T3.**



Solar Academy mainly focuses on practical training

TI AND T2 TRAINING



Trainees Attending a Theory Session

T1 & T2 level is offered together and is the basic entry point to become a licensed Solar PV technician, vendor or contractor. Participants receive comprehensive know-how in solar PV systems, hands-on training with technical components, designing optimized PV stand-alone systems. **T3 (one must have done T1 & T2)** training covers system design: PV plant performance, PV array & inverter matching, system protection and safety, DC and AC cable design, site assessment & planning for commercial rooftop & scale PV power projects, energy yield & performance ratio estimation, financial analysis & project bankability. After each successful training, a training certificate is issued that facilitates one to apply for government licencing through EPRA.



TRAINING TEAM



Instructors addressing the participants

The training team is composed of well trained and field active experienced trainers and facilitators with over 10 years of training experience and having trained over 500 of all sectors and from neighboring countries – Uganda, DRC, Sudan, Somali. Through its team members, over 200 Kw of solar systems of varying capacities have been installed so far. Training takes place in January/February, April/May and August/ September.