



UNIVERSITY OF NAIROBI
COLLEGE OF BIOLOGICAL AND PHYSICAL SCIENCES

SOLAR ACADEMY 2016
(AUGUST SERIES)

**SHORT COURSE IN SOLAR PHOTOVOLTAIC INSTALLATION
MAINTENANCE AND ENTREPRENEURSHIP**

The Department of Physics in conjunction with Solar Energy Research Group invites applications for short course in solar photovoltaic installation maintenance and entrepreneurship which will take place at the Department of Physics, Chiromo Campus, University of Nairobi in August 2016.

TRAINING

The training will cover (but not limited to):

- Basics of solar PV electricity
- Solar PV components (panels, batteries, charge controllers, inverters)
- Solar PV appliances (lights, refrigerators, tv, radio, water pumping)
- Site survey and solar system sizing
- Installation and maintenance
- Solar PV to grid electricity generation
- Entrepreneurship in Solar PV applications

TARGET GROUP

The training prepares one for accreditation by NITA in line with the ERC Solar PV Licensing Regulations. The applicant must have atleast KCSE plus Diploma in Electrical and/ or Electronics or BSc Electrical Engineering or relevant degree or Higher National Diploma. Those who have been practicing installation or retailing for atleast 2 years will also be considered for the training. The training is ideal for groups or individuals from government, public or private institutions, electrical installation technicians, teachers, technical institute tutors, NGO's outreach personnel and solar pv retailers.

COST AND DURATION

The course duration is 9 days (**8th to 18th August, 2016**). The cost for the training is **KShs.45,000/-** per person for Kenyans or **USD 550** for non-Kenyans which covers tuition, training materials, lunch and teas. Participants are expected to arrange for their own accommodation near the training venue or it can be arranged on request at their own cost.

HOW TO APPLY: Application forms are available online at <http://physics.uonbi.ac.ke/> or at the Department of Physics office. Anon-refundable application fee of **KShs. 1000/- (or USD 20)** is charged and together with the training fees are payable to **Industrial Electronics Unit (UoN), Barclays Bank Westlands Branch, Acc. No. 073-1264775**. Duly completed forms and bank deposit slip should be returned to the Department of Physics or can also be scanned and emailed to physics@uonbi.ac.ke on or before **2nd August 2016**.

ENQUIRIES: Contact Chairman, Department of Physics, Chiromo Campus, Tel: **020-4914119**, email: physics@uonbi.ac.ke, solaracademy@uonbi.ac.ke, website: <http://physics.uonbi.ac.ke> or Training coordinator on telephone **+254 722 630778** or **+254 722 838140**.