



Regional Centre for Mapping of Resources for Development (RCMRD), Nairobi, Kenya



Total Station, Use and Applications

RCMRD is an intergovernmental organization established in 1975 under the auspices of the United Nations, economic commission of Africa (UNECA) and the African Union (AU). It draws its membership from eastern and southern African countries and currently has 20 contracting members. It promotes and builds capacities on land and Land related disciplines using current Geo Information technologies to her member states. For info, please visit www.rcmr.org. The training shall be held at RCMRD.



Intake: 3 days in 1st May, 24th July, 25th September, and 27th November

Target Group

The qualifying participants shall be Land surveyors, Engineers, Earth Research Scientists, Cartographers among others requiring to use total station in their applications

Cost : USD 150 per head, tuition only

Course Overview

This course exposes the participant to aspects of the use and applications of modern total station. Basic concepts and specifications of total station followed by practical exercises shall be addressed.

Course Objective

- ❖ Understand safety measures in handling Total station
- ❖ Describe components and specifications of a modern total station
- ❖ Understands the principles of vertical and horizontal angle measurement
- ❖ Understand Electronic Distance Measurement (EDM) principles and distant measurements
- ❖ Set up and level a total station and carry out basic field adjustment.
- ❖ Understand and use various COGO functions and programs in Total Station works including picking and setting out topographic points.
- ❖ Download, import and export Total station data to/for various CAD and GIS formats
- ❖ Carry out and simple topographic survey and produce a map using AutoCAD.



Accommodation can be arranged from USD 40 bed & breakfast

For applications and more information contact, Muya Kamamia, muyack@rcmr.org



MEMBER STATES:

Botswana, Burundi, Comoros, Ethiopia, Kenya, Lesotho, Malawi, Mauritius, Namibia, Rwanda, Seychelles, Somali, South Africa, South Sudan, Sudan, Swaziland, Tanzania, Uganda, Zambia & Zimbabwe.

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