



# CONSTRUCTION MATERIALS TESTING

## CONTACT PERSONS

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## ENTRY REQUIREMENTS

- Grade 12 full certificate; with passes in Mathematics and English;
- Any formal training in a construction related course is an added advantage; and
- two years field working experience with employer recommendation

## SESSIONAL DATES

**Start date:** 11<sup>th</sup> July 2022  
3<sup>rd</sup> October 2022  
**Duration:** 8 weeks  
**Cost:** ZMK3, 100.00

## ACCOMODATION

NCC offers hostel accommodation and meals on a first come first served basis.

The rate for the hostel accommodation is currently K30.00 per night subject to change at Management's discretion while a food menu and cost are available at the Canteen.

The Construction Material Testing Course has been developed to help build high quality durable structures at minimum life cost cycle. This course provides the construction industry with qualified Construction Materials Testing Assistants who will apply the acquired knowledge, skills and attitudes in the process of ensuring that materials used in construction comply with required standards and specifications.

### PROGRAMME PURPOSE

The purpose of the programme is to equip trainees with knowledge, skills and attitudes in testing of construction materials to enable them carry out materials tests both in the laboratory and in the field to acceptable international standards.

### PROGRAMME OUTCOMES

On completion of the programme, the trainee will be able to:

- Carry out materials sampling and testing procedures both in the laboratory and in the field
- Determine properties and quality of different types of construction materials
- Maintain high standards of safety, health, environment while carrying out tests in the laboratory and in the fields.
- Apply entrepreneurship skills
- Use information and communication technology.
- Communicate effectively both internally and externally

### PROGRAMME STRUCTURE

The course is structured to run both theory and practicals at the same time. Therefore, theory and practicals lessons are conducted side by side.