

## ARUSHA TECHNICAL COLLEGE

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### CIVIL ENGINEERING DEPARTMENT

**1.0.SHORT COURSE TITLE:** Plastering

**2.0.HOST DEPARTMENT:** Civil Engineering Department

**3.0.PLACE/VENUE:**Arusha Technical College (ATC)

**4.0.COURSE DURATION:** Two (2) weeks

**5.0.COURSE COST:** TZS 300,000 = (tuition fee and training materials only).

### 6.0.COURSEOBJECTIVES

#### 6.1. GENERAL OBJECTIVE

The main aim of this course is to improve skills of artisans and technician on new techniques of plastering. It involves techniques for preparing walls of the buildings for the final finishing coats of painting for the aesthetic of the building.

#### 6.2.SPECIFIC OBJECTIVES

At the end of the course, a trainee should be able to:

- (i) Select tools, equipment and materials for plastering.
- (ii) Understanding safety issues on plastering works.
- (iii)Prepare surface for plastering including wall alignment, marking, dimensioning etc.
- (iv) Carry out simple calculations on material required and schedule of activities for plastering work.
- (v) Practice on simple work schedule and estimation of time and laborers to complete one task/activity.
- (vi)Prepare of mortar for plastering
- (vii) Apply mortar on the wall, opening corners, columns and curved surfaces.
- (viii) Prepare of gypsum powder paste.
- (ix)Apply gypsum powder paste on wall ready for painting.
- (x) Make decoration on wall by using gypsum powder paste.

### 7.0. COURSE OUTCOME

Upon completion of the course, a trainee will be able to apply new techniques of plastering.

### 8.0. TARGET GROUP

Technical personnel (individuals, groups or institutions) who already have basics in plastering but they wish to upgrade their techniques. They can be artisans and technicians who wish to be improve their skills and be certified.



Eng. E W. Msuya doing practical exercise during Plastering and Tiling short course conducted for ten days from 10<sup>th</sup> July to 22<sup>nd</sup> July 2017 at ATC-ACCT Training Center.

The Training was conducted By Senior experts From Netherland.