

## ARUSHA TECHNICAL COLLEGE

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### CIVIL ENGINEERING DEPARTMENT

**1.0.SHORT COURSE TITLE:** Tiling

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

**3.0.VENUE/PLACE:** 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.COURSE OBJECTIVES

#### 6.1. GENERAL OBJECTIVE

The purpose of tiling is to finish the floor and the walls of the building in order to improve the aesthetic of the building. Thus the main objective of this course is to improve the skills of artisans and tradesman by adapting new techniques of tiling.

#### 6.2.SPECIFIC OBJECTIVE

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

- a. Carry out the general overview on tiling works
- b. Select types of tools, equipment and materials for tiling
- c. Explain safety issues on tiling works
- d. Prepare surface for tiling including wall alignment, marking, dimensioning etc.
- e. Carry out simple calculation of material required and schedule of activities for tiling work.
- f. Practice on simple work schedule and estimation of time and laborers to complete one task/activity
- g. Wear safety gears, tools and equipment before tiling
- h. Prepare the surface (watering, aligning, dimensioning and marking)
- i. Prepare mortar for tiling
- j. Prepare tiles.
- k. Apply tiles on the wall, opening corners, column and curved surface
- l. Apply grouting.

### 7.0. TARGET GROUP

Technical personnel; (individuals, groups or institutions) who already have basics in plastering but they wish to refresh or upgrade their techniques. These can be artisans and tradesman who wish to be recognized and acquire academic certificate.

## 8.0. COURSE OUTCOME

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



One of the participant in tiling Mr Lucas Mjengi doing practical exercise during 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.