

BASIC MATHEMATICS & PHYSICAL SCIENCE

Related to Laboratory Work

QCTO Aligned

SHORT COURSE

OVERVIEW

The main focus of the learning in this course is to build an understanding of the theory and principles of basic mathematics and physical sciences required in civil engineering materials testing. This theoretical basis will prepare learners with fundamental knowledge required as a materials tester.

COURSE CONTENT

Principles of Basic Mathematics

- Principles and units of measurement
- Principles of volumes and bulking factors
- Concept of density
- Principles of percentages
- Graphs

Theory & Principles of Basic Physical Sciences

- Theory of soil mechanics
- Characteristics of soil types
- Principles of elementary chemistry

ADMISSION REQUIREMENTS

Prospective delegates should at least have a Matric certificate/NQF4



TARGET AUDIENCE

This short course is ideal for laboratory technicians, people working on road construction projects and for those dealing with civil materials at graduate level.



COURSE FEES

Contact us for detailed costing



COURSE DURATION

3-day course



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