

INTRODUCTION TO CONSTRUCTION MATERIALS

Relevant to Materials Testing

QCTO Aligned

SHORT COURSE

OVERVIEW

The main focus of the learning in this knowledge module is to build an understanding of the theories, principles and concepts with regard to materials found in civil engineering construction. This theoretical basis will prepare learners with fundamental knowledge required in the practice as a Materials Tester.

COURSE CONTENT

- Theories, principles and concepts of aggregates, crushed stones and natural soils and gravels
- Theories, principles and concepts of modified and stabilised pavement layers - lime, cementitious materials and bituminous materials
- Theories, principles and concepts of bituminous binders
- Theories, principles and concepts of asphalt
- Theories, principles and concepts of concrete

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

2-day course



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