

INTRODUCTION TO CIVIL ENGINEERING

In the Construction Industry

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 structures found in civil engineering construction. This theoretical basis will prepare learners with fundamental knowledge required in the practice as a Materials Tester.

COURSE CONTENT

- Structure and characteristics of road pavements and surfacing
- Structure and characteristics of rail pavements
- Structure and characteristics of airport runways, taxiways and hardstands
- Structure and characteristics of various types of concrete, steel and composite structures
- Structure and characteristics of earth embankments
- Structure and characteristics of reinforced earth walls
- Structure and characteristics of concrete, rock-fill and earthen dam walls

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

1-day course



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