

# SHORT COURSE: FOUNDATION DESIGN for HOUSING

DEPARTMENT OF CIVIL ENGINEERING • 2 days • 4 & 5 October 2023

## OBJECTIVES

### PRESENTED BY:

#### Prof Peter Day

Extraordinary Professor of Geotechnical Engineering & Consultant, Jones & Wagener

#### Dr Charles MacRobert

Senior Lecturer in Geotechnical Engineering, Stellenbosch University

### FEES

2 day course: R5,000

### ECSA CPD POINTS

2 points

### LANGUAGE

The course will be presented in English.

### CONTACT

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This course has been tailored for persons involved in the approval or inspection of foundations for houses. Its primary audience is home builders and their appointed competent persons, certification bodies, and technical personnel from the NHBRC and Local Authorities.

The objective of this course is to provide a practical understanding of:

- Site investigation requirements and methods for township establishment & individual homes.
- The selection and design of appropriate foundations for houses.
- Design of retaining walls and semi-basements including damp-proofing and subsoil drainage.
- Construction control requirements.
- Recognition of problems soils, precautionary measures and methods of remediation.
- Roles of players in the home building industry.
- Applicable standards and legislation.

## OUTCOMES

At the end of the course, the participants should be able to:

- Assess the adequacy of site investigations for types of development and soil conditions
- Assess the suitability of proposed foundation types and designs
- Know what to look out for during inspection of work on site and tests to be undertaken
- Recognise problems soil conditions and appropriate precautions / remediation
- Identify and conform to applicable standards and statutory requirements.

## COURSE ARRANGEMENTS

This course will be presented

Online via MS Teams.

Details will be forwarded to registered delegates once payment has been received.

[Click HERE](#)  
[Online registration](#)  
[Please READ the T's&C's](#)

## REGISTRATIONS

Registrations close on 23 September 2023;. All payments are due by 30 September 2023

**Payment confirms registration.**

