

SHORT COURSE: PAVEMENT EVALUATION & REHABILITATION

DEPARTMENT OF CIVIL ENGINEERING • 25-28 March 2024

COURSE COORDINATOR

Prof KJ Jenkins
SANRAL Chair in Pavement
Engineering
Stellenbosch University

CO-PRESENTER

Dr Fenella Johns
Rubicon Solutions

FEES:

4-day course
R 11 500.00

ECSA CPD POINTS

5 points (4 days + Tutorial)

LANGUAGE

Presented in English.

PROGRAMME

Detailed timetable will be sent
to registered delegates

CONTACT

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GOALS OF THE COURSE

The objective of the course is to familiarize the delegates with pavement evaluation techniques, including distress mechanisms and their causes, as well as maintenance and rehabilitation strategies for existing roads. The focus will be on technical engineering concepts and processes.

Non-destructive (deflections) and destructive (test-pits) methods for pavement investigation will be covered. The interpretation of the assessment data, as well as overlay and rehabilitation design models will be explained, especially for Southern Africa conditions. This course provides insights into best practice, including worked examples and case studies. Measurement and back-analysis of deflections together with in-situ material tests and DCP data will form the primary focus of the investigation and design techniques.

COURSE OUTLINE

- Module 1: Principles of pavements
- Module 2: Visual Evaluation, Material Investigation and Design Traffic
- Module 3: Structural Evaluation
- Module 4: Alternate Rehabilitation Design
- Module 5: Special issues and Considerations, i.e. Recycling, RA, Climate Change

LEARNING PROCESSES

The delegates will have the opportunity to immerse themselves in the subject matter, through a series of lectures that will be augmented by workshop sessions.

NOTE: This is an academic course dealing with fundamental and analytical concepts. It is not a software-application training exercise.

**PLEASE NOTE: ONLY DIGITAL CERTIFICATES WILL BE ISSUED,
PLEASE CHOOSE THIS OPTION WHEN REGISTERING**

COURSE ARRANGEMENTS

This course will be presented **Face-to-face** on the Stellenbosch Campus. Details will be forwarded to registered delegates once payment has been received.



[CLICK HERE TO REGISTER](#)

REGISTRATIONS

Closing date: 19 March 2024
Payment due: 23 March 2024

Payment confirms registration.