

Flexible Pavement Evaluation & Rehabilitation Design

29 January—2 February 2018



GOALS OF THIS 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 and destructive pavement investigation methods will be covered. The interpretation of the assessment data and use of overlay and rehabilitation design models will be covered, specifically for southern conditions.

This course is aimed at providing insights into best practice including worked examples and case studies. Measurement and analysis of road deflection, together with test pits and DCP data will form the primary focus of the investigation and design techniques.

LEARNING PROCESS

The delegates will have the opportunity to immerse themselves in the subject matter, through a series of lectures that will be augmented by workshops and tutorials. The immersion course concept has been very successful and it has been the format of all recent courses. Lectures will all be in English.

ADMISSION REQUIREMENTS

The course is aimed at engineers with at least 5 years' experience in pavement engineering and those senior engineers who wish to augment and update their knowledge of technical engineering concepts in pavement evaluation and rehabilitation. A degree BSc (Eng) BEng or B.Tech is required as minimum entry.

More info is available on request

COURSE OUTLINE

- ◆ **Module 1 - Introduction**
- ◆ **Module 2 - Visual Evaluation & Traffic**
- ◆ **Module 3 - Structural Evaluation Techniques**
- ◆ **Module 4 - Rehabilitation Design**
- ◆ **Module 5 - Special Considerations**

Course Fees: R8750.00

CPD: 5

***Applications close
15 January 2018***

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