



RAILWAY & HARBOUR DIVISION

2 Day Short Course

Track Substructure Design & Management

19 and 20 May 2011

presented by the

**THE SOUTH AFRICAN INSTITUTION OF CIVIL ENGINEERING (SAICE)
RAILWAY & HARBOUR DIVISION**

PROGRAMME OVERVIEW

The course will be presented as part of the (SAICE) Railway & Harbour Division.

This introductory course is intended for engineers and technologists involved in the design, construction and maintenance of railway track.

MAIN MODULES

- Soil and Ballast Fundamentals
- Substructure Behavior
- Substructure Maintenance Management
- Track Drainage Principles
- Case Studies

LANGUAGE

Lectures and course notes will be in English.

COURSE PRESENTERS

Prof. Hannes Gräbe (University of Pretoria)
Dr. Francois Heyns (Aurecon)

COURSE DATES & TIME

19 May 2011 08:00 -16:00
20 May 2011 08:00 -16:00

COURSE LEADER

Esmé Steffen
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Tel.: 011/849-8786
Fax.:011/252-7073

VENUE

Bytes Conference Centre
Bytes Business Park
Block C, 241 Third Road
Halfway Gardens, Midrand

GPS co-ordinates :
S 25°59.092' E028°07.391'

COURSE FEE

R 2,500 per participant to be paid into the following bank account:

STANDARD BANK
Account Number: 221499164
Branch Code: 001255
Ref No.: SC/MAY2011

Payment is required BEFORE commencement of the course.

- Participants to register on our website:
www.saicerailwayandharbour.co.za
- Participants are responsible for their own accommodation and transport arrangements.
- Continuous Professional Development (CPD) points can be obtained by attending this course. (Accredited with ECSA for 2 points)
- COCKTAIL FUNCTION**
18 MAY 2011
18:00 – 22:00 @ Bytes Conference Centre