

Registration Card

Please complete and return as soon as possible to:

Ms P Gokool
T² Training Centre
KwaZulu-Natal Department of Transport
P O. Box 4094
Willowton Hub
PIETERMARITZBURG 3200
Tel: (033) 397 9508
Fax: (033) 397 9585
Email: Pamela.Gokool@kzntransport.gov.za

Surname: _____

First Name: _____ Title: _____

Organisation: _____

Postal address: _____

Postal code: _____

Tel: _____

Fax: _____

E-mail: _____

CCM Signature: _____

Director's Signature: _____

Enquiries:

Ms P Gokool
Tel: (033) 397 9508
Fax: (033) 397 9585
Email: Pamela.Gokool@kzntransport.gov.za

Payment

Delegates from organizations other than KwaZulu-Natal Department of Transport must pay the R 3000 course fees by cash or cheque.

Cheques should be made out to:

KwaZulu-Natal Provincial Government-
Transport

and mailed to:

Mrs D Naidoo
Technology Transfer Centre
KwaZulu-Natal Department of Transport
Private Bag X9043
PIETERMARITZBURG 3200

Cancellation

Delegates may be substituted, but no refunds will be made for cancellations.



Labour Based Construction Course

T² Training Centre
Mountain Rise

Announcement
and
Registration

Background

When the term “Road Construction” is mentioned, people imagine all the big road construction equipment driving everywhere on the site. But some road construction projects can be carried out labour intensively with minimal equipment, cost effectively and top quality. T2 Training Centre is offering a comprehensive course on labour based road construction techniques for a duration of one week per month over a 6 month period. The course will comprise 40% theory and 60% practical work. The course is created to equip Departmental staff who are or will be supervising labour intensive projects. The use of labour intensive construction methods will become increasingly important as the expanded Public Works Programme of the National Government comes into effect in from April 2004.

Objectives

The objectives of the course are:

- To understand labour based construction principles and techniques.
- To implement labour based construction systems.
- To acquire techniques on how to manage resources in a labour based construction site.

Target audience

KwaZulu-Natal Department of Transport staff and consultants working for the Department whose responsibilities include supervision and management of various types of road construction using labour intensive methods.

Date and venue

Course can be arranged with the contact people and will be held at the Kwazulu-Natal Department of Transport's T2 Training Centre.

Course arrangements

The course applicants will be responsible for transport and accommodation for the duration of the courses. All applications must be approved by the Cost Centre Manager and Regional Director or Director.

Facilitators

Mr Robert Little of GREEN ROADS

Fees

The course is free for KwaZulu-Natal Department of Transport employees. Delegates from other organisations must pay R 3000 to cover course attendance, presentations, teas and luncheons.

Programme

The course will be run as a series of presentation sessions, each covering an aspect of labour based construction

The following topics will be covered:

- Introduction
 - Historical background
 - Reasons

- Setting out
 - Horizontal and vertical alignments
 - Cross section
 - Culvert Crossing
 - Structures
- Site Clearing
 - Organisation of labour
 - Bush clearing
 - Grubbing
 - Tree and stump removal
 - Removal of boulders
- Earthworks
 - Organisation of labour
 - Excavation and filling
 - Spreading and compaction
 - Ditching and sloping
 - Camber formation
- Drainage
 - Organisation of labour
 - Catch water drains
 - Side drains
 - Metre drains
 - Scour checks
 - Culvert laying
 - Sub-surface drains
 - Head and wing walls, apron slabs
- Gravelling
 - Organisation of labour
 - Locating and selecting quarries
 - Expropriation
 - Excavation and stockpiling
 - Loading, Unloading and spreading
 - Compaction and reshaping