



## Railway Infrastructure Maintenance Management

Presented by the TFR Chair in Railway Engineering and the RSR Chair in Railway Safety in the Department of Civil Engineering, University of Pretoria

5 ECSA CPD Points | CPD Reg No: P000623–2019

The **Railway Infrastructure Maintenance Management** short course will introduce you to the general principles of railway infrastructure maintenance and the management thereof, as applied to the fields of track, traction power supply, signalling and rail-bound telecommunications, as well as its integration into a multidisciplinary approach.

You will also gain specific exposure to the appropriateness of the design of particular railway systems in relation to prevailing and future business needs, as well as the development of lifecycle maintenance plans and the ability to adapt these to changing business circumstances.

This course is presented as part of the Railway Engineering Education Programme and as part of the Railway Occurrence Investigation Programme (ROIP) of the University of Pretoria.



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*Shifting knowledge to insight*



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## Course content

- Asset management principles
- Maintenance management
  - Track
  - Traction power supply
  - Signalling and rail-bound
  - Telecommunications
- Integrated infrastructure maintenance management
- Case studies

## Learning outcomes

After successfully completing this course, you will be more familiar with key facets of the management of a railway asset lifecycle, as well as the relationship between railway asset management as part of a system and that of a business plan.

## Who should enrol?

This course is ideal for you if you already have reasonable experience in the railway industry.

## Course fees

### **R16 600.00 (VAT incl.) per non Transnet/RSR delegate**

Course fees include all course material, lunch and refreshments during contact days. You will also receive a CD with all course presentations and the new edition of the highly-acclaimed International Heavy Haul Association (IHHA) handbook, *Guidelines to Best Practices for Heavy Haul Railway Operations*.

**Course fees must be paid in full 14 days prior to course start dates. Proof of payment can be submitted to [enrolments@enterprises.up.ac.za](mailto:enrolments@enterprises.up.ac.za).**

## Admission requirements

Prospective delegates should at least have a National Senior Certificate (Grade 12) or equivalent qualification and/or relevant work experience. Prior completion of the **Introduction to Multidisciplinary Concepts in Railway Engineering** short course is recommended.

## Accreditation and certification

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## Registration and enquiries

### Course coordinator

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### Course leader

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