



ENGINEERING AND TECHNICAL TRAINING

Maintenance and Reliability Practices

3 day course

Classroom, online or in-house

Course overview

A comprehensive program covering maintenance strategy, reliability centred maintenance and asset performance measurement, aligned with the body of knowledge used by globally recognized maintenance certification bodies. Built for organizations managing aging plant assets and unreliable grid power across the region, where the cost of unplanned downtime is especially severe.

What you will learn

- Apply the core pillars of maintenance and reliability management to plant operations
- Distinguish between reactive, preventive, predictive and reliability centred maintenance strategies
- Build failure mode and effects analysis models for critical assets
- Calculate and interpret key reliability metrics including MTBF, MTTR and OEE
- Design a maintenance strategy roadmap suited to constrained budget industrial operations

Who should attend

- Maintenance managers
- Reliability engineers
- Plant engineers
- Asset management leads
- Maintenance planners preparing for professional certification

Course outline

- 01 Foundations of maintenance and reliability management
- 02 Reliability centred maintenance methodology
- 03 Failure analysis and root cause investigation
- 04 Maintenance metrics, OEE and asset performance measurement
- 05 Spare parts, work management and CMMS integration
- 06 Building a reliability improvement roadmap

Upcoming dates

No public sittings are scheduled for this course at the moment. Contact us for the next available date or to run it in-house for your team.

Fees and how to register

Online **from R6,500** per delegate, classroom **from R11,995** per delegate, in-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | info@afriscience.co.za | Pretoria, Gauteng, South Africa