



MAINTENANCE MANAGEMENT TRAINING

Theory of Constraints

3 day course

Classroom, online or in-house

Course overview

Every system has one constraint that sets its output, and improving anything else produces local efficiency, more inventory and no additional throughput, which is why so many improvement programmes report gains the income statement never shows. This course covers finding and exploiting the constraint. Delegates work through the five focusing steps, identifying the constraint from flow and queue evidence rather than opinion, and exploiting it so that it never stops for a reason within your control. Subordinating everything else is covered, since this is the step organisations resist. Elevating and the danger of the constraint moving follow. Throughput accounting is introduced as the measurement that makes these decisions visible. The course closes on applying the approach to projects and to service operations.

What you will learn

- Identify the constraint from flow and queue evidence
- Exploit the constraint so it never stops avoidably
- Subordinate other processes to the constraint
- Elevate the constraint and anticipate where it moves next
- Use throughput accounting to evaluate decisions
- Recognise local efficiency that produces no throughput
- Apply the approach to project and service environments

Who should attend

- Operations and production managers
- Improvement and planning practitioners
- Supply chain and scheduling staff
- Project managers with resource contention
- Finance staff evaluating improvement claims

Course outline

- 01 Gains the income statement never shows
- 02 Systems, constraints and throughput
- 03 Identifying the constraint
- 04 Exploiting the constraint
- 05 Subordinating everything else
- 06 Elevating and the moving constraint
- 07 Throughput accounting
- 08 Application to projects and services

Upcoming dates

Dates	Venue	Format	Fee per delegate
8 to 10 March 2027	Online	Online	R6,500
22 to 24 March 2027	Johannesburg, South Africa	Classroom	R14,950
29 to 31 March 2027	Cape Town, South Africa	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. 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**.

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