FINANCE AND TREASURY TRAINING

Mineral Economics and Project Evaluation

5 day course Classroom, online or in-house

Course overview

Mining projects are evaluated across decades against commodity prices nobody can forecast, and the decision to build is effectively irreversible. This course covers the economics behind that decision. Delegates work through resource and reserve classification and what each category permits an evaluation to assume, capital and operating cost estimation and the accuracy classes that go with a study stage, mine scheduling and its effect on cash flow, and the discounted cash flow model itself. Commodity price and exchange rate uncertainty are modelled explicitly. Fiscal terms, royalties and state participation are covered as they apply across African jurisdictions, and the course closes on closure and rehabilitation liability, which is routinely undercounted.

What you will learn

- Apply resource and reserve classification and what each permits in an evaluation
- Estimate capital and operating costs to the accuracy class of the study stage
- Build a mine schedule and connect it to the cash flow profile
- Construct and interrogate a discounted cash flow evaluation
- Model commodity price and exchange rate uncertainty explicitly
- Apply royalties, taxation and state participation across African jurisdictions
- Assess closure and rehabilitation liability realistically

Who should attend

- Mining engineers and mine planners
- Project and corporate finance staff in mining
- Investment and commodity analysts
- Government and regulator staff evaluating mining projects
- Development finance and lender staff

Course outline

01 Resources, reserves and what an evaluation may assume
02 Study stages and cost estimate accuracy classes
03 Capital and operating cost estimation
04 Mine scheduling and the cash flow profile
05 Discounted cash flow evaluation and its sensitivities
06 Commodity price and exchange rate uncertainty
07 Fiscal terms, royalties and state participation
08 Closure, rehabilitation and residual liability

Upcoming dates

Dates	Venue	Format	Fee per delegate
4 to 8 September 2026	Maputo, Mozambique	Classroom	R11,995
29 October to 2 November 2026	Mbabane, Eswatini	Classroom	R11,995
6 to 10 November 2026	Durban, South Africa	Classroom	R11,995
12 to 16 November 2026	Lilongwe, Malawi	Classroom	R11,995

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**.

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