



MINING AND MINERALS 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
12 to 16 October 2026	Dar es Salaam, Tanzania	Classroom	USD 1,325
23 to 27 November 2026	Maputo, Mozambique	Classroom	USD 1,325
7 to 11 December 2026	Mbabane, Eswatini	Classroom	R19,950
28 December 2026 to 1 January 2027	Online	Online	R8,500



Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** 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@afiscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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