



EDUMINE WORKSHOP INTEGRATED MINE CLOSURE

In Partnership with AusIMM



COURSE OVERVIEW

Start with end in mind, from an integrated multi-disciplinary perspective, to decrease risk and realise value to mining operations.

The expectations of internal and external stakeholders from an environment, social, governance (ESG) perspective continue to rise. Dive into the key components of this important process and recognise the compelling business case for Integrated Mine Closure (IMC) that can realise significant value to operations.

This workshop introduces IMC, the role of environmental and socio-economic knowledge base and the importance of a shared closure vision; the criticality of social transition and leaving a positive legacy to successful IMC; the importance of closure integration into Life of Mine planning and multi-disciplinary ownership of IMC.

40

PD HOURS





COURSE STRUCTURE

The practical and outcomes-focused eight-week course consists of six modules over six weeks, with a final two weeks to complete the assessment.

The course consists of:

- Live virtual classrooms (recordings made available within 24 hours)
- Pre-recorded videos, featuring interviews with experienced industry experts
- Interactive learning activities and discussion
- Multiple choice questions
- Additional reading including case studies

Live sessions are recorded and available within 24 hours for participants who are unable to attend.

The final assessment will require participants to critically assess a closure plan.

KEY LEARNING OUTCOMES

Learn how Integrated Mine Closure (IMC) can realise significant value to operations; how to assess closure risks; opportunities to realise value and maintenance programs to drive relinquishment.

- Understand the business case, challenges, and key components of IMC
- Recognise the importance of the environmental and socio-economic knowledge base to establish a baseline for IMC planning
- Explain the criticality of social transition to successful IMC and the importance of leaving a positive legacy through the development of enduring non-mining related enterprises
- Recognise the importance of closure integration into LoM planning and multi-disciplinary ownership of IMC
- Describe domain-based closure activities related to mine voids, waste and infrastructure, and the importance of design criteria and the impact of climate change on IMC
- Identify and assess closure risks, opportunities and the importance of their analysis and realisation to reduce risk and realise value
- Explain the different types of closure costs and their purpose, as well as the key components of an Integrated Closure Plan
- Recognise that the execution of closure plans requires the same project management rigour as the original mine development, and includes identifying infrastructure sale or demolition activities
- Explain SMART success criteria and associated monitoring programs to drive relinquishment or alternatives
- Assess a closure plan using a Maturity Framework



MODULES

Module 1 | Introduction to IMC Objectives

- Business case and challenges
- Knowledge base (environmental and socio-economic)
- Internal and External Requirements
- Closure vision, land-uses and objectives

Module 2 | Social Transition Objectives

- Identifying stakeholders
- Stakeholder engagement plan
- Social investment and positive legacy
- Governance

Module 3 | Integrated Planning Objectives

- Life of mine plans
- Maturity assessment across the LoM
- Domain based closure activities
- Design criteria

Module 4 | Risk/Opportunity and Closure Planning Objectives

- Closure risk assessment
- Opportunity analysis
- Closure liability and cost estimates
- Integrated Closure Plan

Module 5 | Ore Reserves Reporting

- ICP to PFS/FS
- Progressive rehabilitation / trials
- Execution Plans
- Demolition and decommissioning

Module 6 | Success Criteria, Monitoring & Relinquishment Objectives

- Success criteria
- Maintenance and management
- Reporting and technology platforms
- Relinquishment or alternative



DETAILS

Who will benefit from this course?

Mid-level managers (Coordinators and Superintendents)

Subject Matter Experts (Specialists) in the Mining Industry in disciplines that have a role to play in Integrated Mine Closure. This includes mine planners, mining engineers, mine closure practitioners, technical services, finance, legal, social, safety/health, human resources and environmental.

Mine Closure Practitioners that would like to refresh or improve their knowledge and skills in this area.

Course Sessions

Duration: 8 weeks

Wed 11th Oct	5:00 - 6:00pm PT
TBC	TBC
Wed 25th Oct	3:00 - 4:00pm PT
Wed 1st Nov	5:00 - 6:00pm PT
Mon 13th Nov	2:00 - 3:00pm PT
Wed 15th Nov	6:00 - 7:00pm PT

Price

\$1,989 USD

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