



الخدمات الاحترافية
KNOWLEDGE GRID
PROFESSIONAL SERVICES

advanced mining
development program.

program overview.

target audience: Mining supervisors, operations managers, safety advisors, geological surveyors, and leadership personnel

program duration: 10 weeks

learning format: blended learning (classroom + practical + LMS)

This intensive professional development program integrates cutting-edge mining operations training with neuroscience-based leadership strategies. Designed for Oman's mining sector, it combines technical mastery in extraction, geology, and safety systems with transformational leadership techniques to foster operational excellence and sustainable performance in high-pressure mining environments.

The program further equips mining engineers and industry professionals with essential technical knowledge and practical skills across core mining disciplines. The curriculum balances foundational engineering principles with specialized operational strategies, emphasizing safety, resource management, and regulatory compliance.

In proud partnership with:



1. drive sustainable operational transformation
2. manage high-pressure crises
3. lead teams with neuroscience-driven influence
4. execute precision drilling/blasting operations
5. conduct geotechnical risk assessments
6. optimize mineral processing workflows
7. coach teams through safe behavioural change
8. develop mine-specific HSE compliance systems

program outcomes: entrenched best-practice.

Our program uniquely bridges technical mining expertise with human performance leadership, preparing professionals to lead next-generation mining operations with operational precision and psychological insight. Consisting of a combined 10 weeks' learning, our reputable instructional methodology offers delegates an enhanced learning experience by combining classroom theory with practical workplace experience, reinforced by our LMS and simulation activities.



practical integration

Enjoy 48+ hours of field application in drilling, blasting, and mine planning.



superior toolkits

Delegates will be exposed to a library of toolkits technical and mining leadership toolkits and learning aids.



digital resources & liaison

Consult your delegate liaison or access the LMS to experience interactive workbooks, assessment tools, and additional resources.



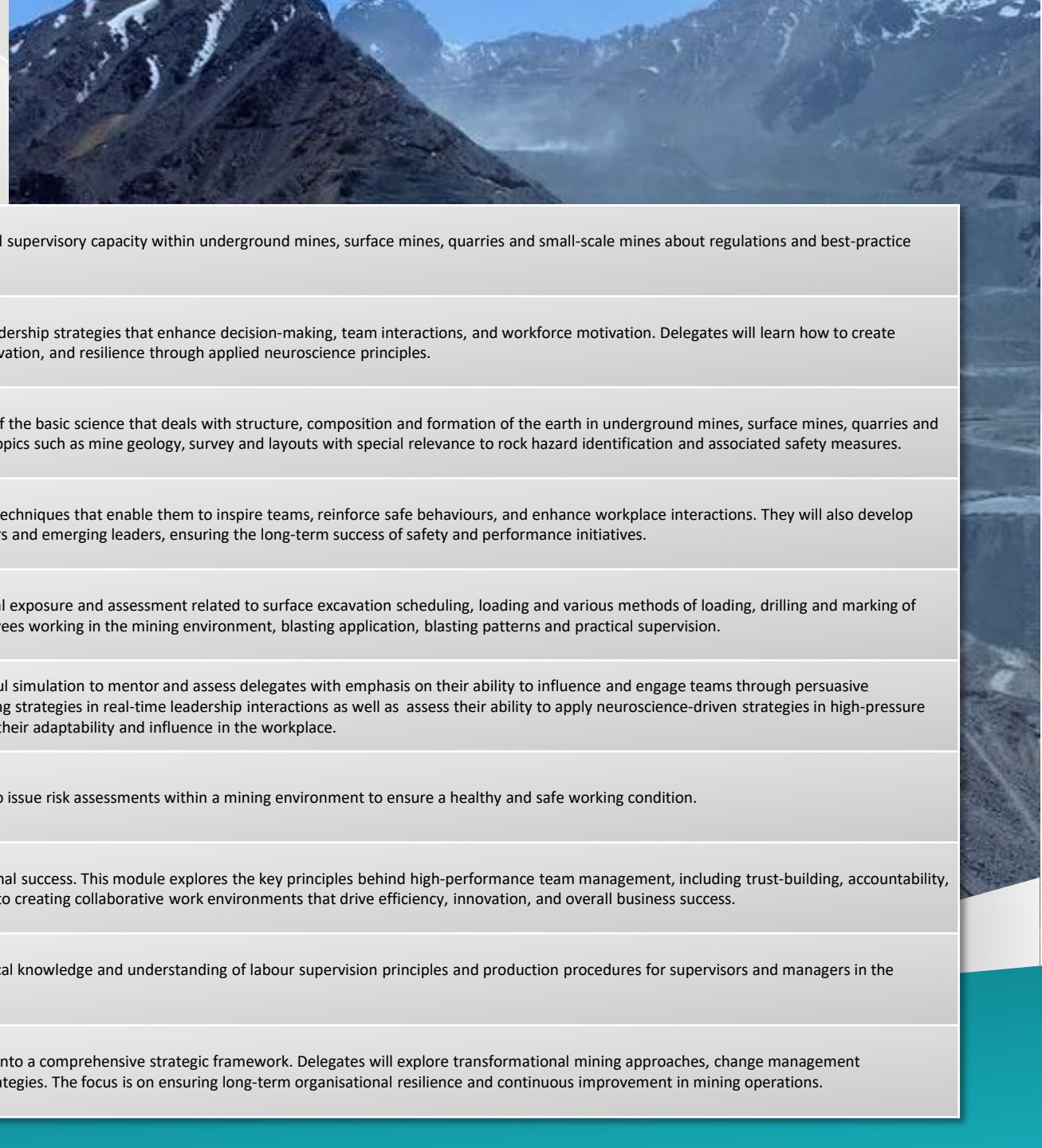
contextualised content

tailored to regional geology, regulations, and community impact considerations

program outline.

Module 1	Introduction to the 'Advanced Mining Development' program	Delegates are introduced to the fundamental knowledge required to work in mining from a regulatory and standards perspective.
	Introduction to 'Beyond Neuro-Leadership' in mining	Leadership plays a crucial role in bridging executive strategy with frontline execution. This module explores core leadership principles that drive operational excellence and workforce engagement. By integrating neuroscience insights, delegates will learn how cognitive processes affect decision-making and team dynamics. The module introduces the six leadership domains that contribute to effective leadership at the middle and senior level, emphasizing the balance between people management and operational performance.
Module 2	Mastering Mine health, safety & environment	During the module, delegates will gain the knowledge and skills to apply safety, health and environmental principles and procedures in a workplace to contribute to safe and healthy working environment and to assist management in implementing SHE management programmes in the workplace.
	Intentional safety leadership	Delegates will deep-dive the development of a culture of safety excellence through intentional leadership. It emphasizes risk assessment, proactive incident prevention, and behavioural safety strategies to enhance workplace safety standards. Delegates will explore techniques for fostering safety accountability and aligning safety leadership with operational goals.
Module 3	Mining economics	During this module, delegates will receive theoretical knowledge and practical experience in the financial and economic aspects of mining. More specifically, delegates will receive exposure to the requirements of production planning and budgeting in mining.
	Emotional intelligence in mining leadership	Emotional intelligence (EI) is a key competency that influences interpersonal relationships and workplace dynamics. This module explores how self-awareness, emotional regulation, and empathy contribute to effective leadership. Delegates will learn how to harness EI to navigate challenges, communicate persuasively, and foster a positive workplace culture. The module provides practical strategies to improve resilience and emotional agility in high-pressure mining environments.
Module 4	Mineral processing	This provides critical knowledge and learning to delegates on mining and minerals and transfers essential knowledge and skills in metallurgical related operations.
	Volition & safety leadership	Volition leadership is about making deliberate, impactful choices that shape organizational outcomes. This module emphasizes how delegates can take proactive steps to foster a culture of accountability, safety, and operational excellence. By understanding the principles of intentional leadership, delegates can drive team engagement, inspire proactive behaviours, and break down barriers that hinder performance.
Module 5	Practical workplace orientation Oman (Part one): Mine planning, surface mining scheduling, load & haul and drill & blast	This module provides delegates with practical exposure and assessment related to surface excavation scheduling, loading and various methods of loading, drilling and marking of drilling patterns, health and safety of employees working in the mining environment, blasting application, blasting patterns and practical supervision.

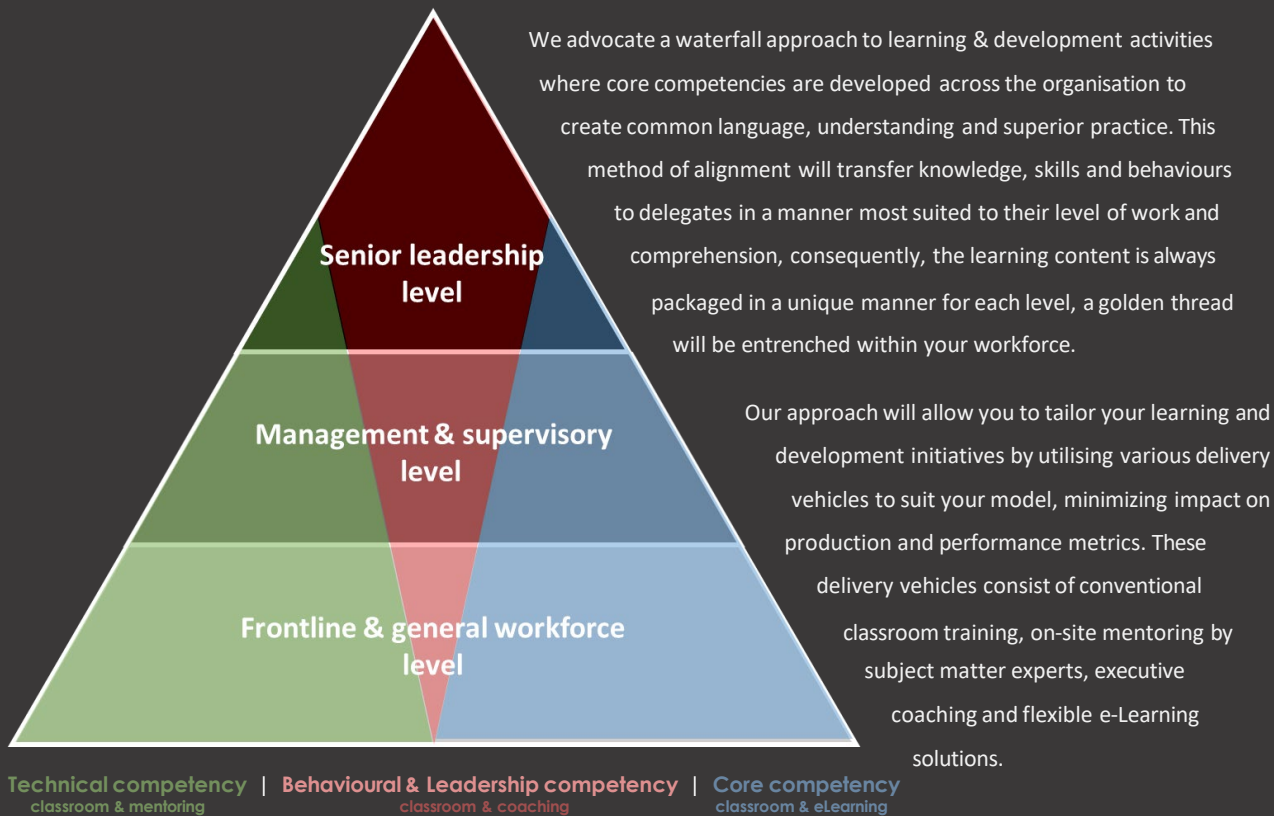
program outline.



Module 6	Legislation & regulations for practitioners and advisors	This module teaches delegates in operational supervisory capacity within underground mines, surface mines, quarries and small-scale mines about regulations and best-practice affecting the workplace within the sector.
	Applied neuroscience principles in mining	Delegates delve into neuroscience-based leadership strategies that enhance decision-making, team interactions, and workforce motivation. Delegates will learn how to create environments that foster collaboration, innovation, and resilience through applied neuroscience principles.
Module 7	Strata control, geology & survey	Delegates gain a theoretical understanding of the basic science that deals with structure, composition and formation of the earth in underground mines, surface mines, quarries and small-scale mines. Exposure is provided on topics such as mine geology, survey and layouts with special relevance to rock hazard identification and associated safety measures.
	Persuasive communication & safe behaviour coaching	Delegates explore effective communication techniques that enable them to inspire teams, reinforce safe behaviours, and enhance workplace interactions. They will also develop coaching skills to mentor frontline supervisors and emerging leaders, ensuring the long-term success of safety and performance initiatives.
Module 8	Practical workplace orientation Oman (Part two): Mine planning, surface mining scheduling, load & haul and drill & blast	This module provides delegates with practical exposure and assessment related to surface excavation scheduling, loading and various methods of loading, drilling and marking of drilling patterns, health and safety of employees working in the mining environment, blasting application, blasting patterns and practical supervision.
	Neuroscience & leadership effectiveness: Communication, coaching & influence	This module is a practical and highly impactful simulation to mentor and assess delegates with emphasis on their ability to influence and engage teams through persuasive communication techniques, evaluate coaching strategies in real-time leadership interactions as well as assess their ability to apply neuroscience-driven strategies in high-pressure decision-making scenarios whilst enhancing their adaptability and influence in the workplace.
Module 9	Mining-related risk assessment	Delegates will gain the knowledge and skill to issue risk assessments within a mining environment to ensure a healthy and safe working condition.
	Creating high-performance teams in mining	Strong teams are the foundation of operational success. This module explores the key principles behind high-performance team management, including trust-building, accountability, and resilience. Delegates will gain insights into creating collaborative work environments that drive efficiency, innovation, and overall business success.
Module 10	Labour supervision	This module will equip delegates with practical knowledge and understanding of labour supervision principles and production procedures for supervisors and managers in the workplace.
	Strategic leadership for sustainable performance	This capstone module consolidates learning into a comprehensive strategic framework. Delegates will explore transformational mining approaches, change management methodologies, and sustainability-driven strategies. The focus is on ensuring long-term organisational resilience and continuous improvement in mining operations.

our unique waterfall approach

a comprehensive learning approach



technical competence training	core competence training	behavioural competence training
opencast mining	business continuity	leadership development
underground mining	HSE leadership	supervisory effectiveness
mining engineering	psychological safety	people driven safety
mineral processing	organisation development	applied emotional intelligence
mining transportation	upskilling training	safe behaviour coaching
custom mining training	custom core training	custom behavioural training

our global mining clients:



a mining track record that speaks for itself.

22% increase in financial performance



62% improvement in recordable incidents



20% increase in production outputs



other mining services.



are you ready to find out more?

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