



Leadership and Management for Technical Professionals

2 Day Professional Development Workshop for Geologists, Engineers, and Metallurgists

Workshop Leader: Scott Dunham

Objectives of the Workshop

Management is a broad subject. There are a multitude of management courses, books and strategies; however, the majority are not specifically aimed at leading and managing technical professionals within the mining industry. This two day professional development program is sharply focused on the skills, knowledge and techniques that lead to successful management of geologists, mining engineers, metallurgists and other technical mining professionals. The workshop starts by examining the underlying value of the various technical disciplines and addresses the reasons mining companies employ technical professionals. The program covers the establishment and maintenance of technical standards and deals with strategies for translating plans into action. Other topics addressed include the role of performance management in enabling performance improvement.

The principles of leadership and management will be discussed with case studies from industry. A number of practical management tools are presented and participants are encouraged to bring real life issues to the workshop to expand the discussion. Each participant will gain an appreciation for proven leadership and management techniques and practices that improve the effectiveness of technical professionals.

Who Should Attend?

This professional development program is intended for industry professionals aspiring to leadership roles. The workshop will benefit people about to be appointed to management/leadership positions through to those currently in leadership roles seeking to identify strategies to improve their own and their team's performance. While the program is primarily aimed at mining technical professionals such as geologists, mining engineers and metallurgists, other mining-related disciplines that interact with these professions would also benefit by improving their understandings of the complex issues faced in planning and executing operational production.

Participants will discuss problems of interest and assess the relevance of alternative techniques to their situations. Time will be devoted to questions, impromptu lectures, and discussions. The training is beneficial to anyone involved with technical decision making in the context of strategic,

operational and corporate business planning. The basic mining value chain ranging from exploration, project evaluation, mining and feasibility studies through to operations and closure will be addressed. The course is focused on identifying critical value levers and drivers, developing objectives to exploit these potential value propositions and building practical solutions to managing technical risk.

Program

Day 1	Value Proposition – benefits of technical disciplines The mining project life cycle and the role of technical professionals Value and value chains (uncertainty and risk) Management analysis – technical streams Prioritisation – urgent and important Planning your strategy Levers, drivers and wasters Standards and expectations.
Day 2	Business Planning – implementation and realisation Leadership vs Management – is there a difference? Business Planning Translating plans into action Team design – size, skills, alignment Performance management for team success The improvement round-a-bout Communication and delivery

A full set of PowerPoint slides will be provided to each participant. Additional reference materials including examples and test cases will be provided electronically at the completion of the program.



Course Leader:

Scott Dunham is a geologist and technical management specialist with over 20 years experience in open pit and underground mining and geology. His expertise includes leading multi-disciplinary technical and operational teams at a variety of operations and many different commodities including gold, copper-gold, copper-uranium, nickel, tin, zinc-lead-silver, coal and sub-level caving, open

stopping, cut-and-fill and conventional open pits. Scott has managed geologists, mining engineers, geotechnical engineers, surveyors and metallurgists in both operational settings and during mining feasibility studies. He has hand-on experience with the development of new operations and with the issues involved with suspension of production and operational closure. Scott has run a number of public and in-house courses on management and leadership, grade control, reconciliation, geometallurgy in Australia and North America. He actively works as a mentor to professionals throughout the industry and has consulting experience covering all aspects of the resource-reserve value chain, audits, due diligence and operational performance improvement.

Scott is a Principal and Director with QG and holds a Bachelor of Science (Geology) and Graduate Diploma (Information Technology). He is a member of the AusIMM.

Participant Feedback

Participants are invited to provide feedback and rate the performance for every QG course. We use a 1 (poor) to 5 (excellent) rating system to evaluate the quality, relevance and clarity of our programs.

The Leadership and Management program received an overall rating of 4.5 in its last session. Some of the participant feedback includes:

“Great course and went away with more positives/benefits than I had initially thought I would - thanks very much”

“This course has certainly helped to open my eyes to this whole 'management' scenario – thanks”

“Whole course is very relevant and eye opening”

“Very good in clarifying structural relationships roles and responsibilities of geologists. Also highlights powers of a manager”

“Scott did a really good job of explaining and training in all the sessions.”

Further enquiries: info@qgroup.net.au and see also www.qgroup.net.au