



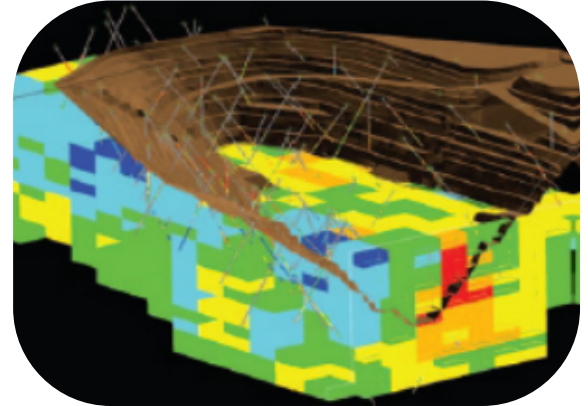
THE UNIVERSITY OF ARIZONA

Lowell Institute  
for Mineral Resources

## MINERAL RESOURCES INTEGRATED PLANNING SERIES



**REEPORT-McMoRAN**



The Lowell Institute for Mineral Resources is pleased to  
announce the LIVE and ONLINE offering of

## Mine Engineering Inputs to Integrated Planning

A Lowell Institute for Mineral Resources Professional Development Short Course  
In collaboration with Freeport-McMoRan Inc.

Friday October 13 – Saturday October 14, 2023

Tucson Campus & Online

[Register Now](#)

For more details please contact Rocio  
Brambila at [brambila@arizona.edu](mailto:brambila@arizona.edu)

# Mine Engineering Inputs to Integrated Planning

This short course provides an opportunity for you to continue developing your professional skills. You can choose to attend in person or learn at a distance, at your own pace, and focus on what is most important to you.

This is part of a 3-course series designed to facilitate interdisciplinary understanding and communication among geologists, engineers, and metallurgists in the mining industry. Mine Engineering Inputs to Integrated Planning is designed for junior- to mid-level geologists, metallurgists, and other mineral resource industry professionals. Topics include mine design, excavation design and management, long-range and short-range planning, resource and reserve reporting, project valuation, and how to communicate effectively with mining engineering professionals.

No prior knowledge of mine engineering is required. Registration is \$400 for the online course and \$749 for in-person attendance (free to full-time UA students). This course meets the criteria for 16 hours of SME Continuing Professional Development.

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## Preliminary agenda

- The role of mining engineering and engineers in project valuation, development, and operation.
- Economic, geomechanical, geological, metallurgical, and infrastructure factors in project design and operation.
- Parameter selection and pit and phase design.
- Production scheduling, long-, medium-, and short-range planning, and reconciliation
- Resource estimation and reporting.



Registration  
deadline  
Oct. 2<sup>nd</sup>

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