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
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.

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.

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Registration deadline Oct. 2nd