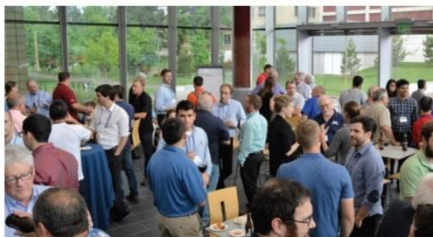




2024 ANNUAL SHORT COURSE:

# Grouting and Ground Improvement

July 29 - August 1, 2024 | Golden, Colorado



Grouting and Ground Improvement is a 4-day course that covers engineering, equipment, materials and methods for grouting and ground modification used in civil and geotechnical engineering, underground construction, tunneling and mining.

Don't miss this opportunity for professional development and high-level networking — all while earning CEUs!

This course combines classroom instruction with hands-on labs and demonstrations, providing participants with the opportunity to see grouting and ground improvement field equipment in action!

Course highlights include a field demo day providing participants with the opportunity to see the following grouting techniques in action:

- COMPACTION GROUTING
- CHEMICAL GROUTING
- CELLULAR GROUTING
- PERMEATION GROUTING

## WHO SHOULD ATTEND?

This course is intended for industry professionals including owners, planners, designers, contractors, consultants and suppliers involved in the design, planning and construction of civil and geotechnical engineering, underground, tunneling and mining projects.

Don't miss this opportunity to network, learn and earn CEUs!

## CEUs

Colorado School of Mines will award 2.4 CEUs (continuing education units) upon successful completion of this course.

## LOCATION



Colorado School of Mines has a long-standing tradition of hosting world-class short courses on our beautiful campus in scenic Golden, Colorado.

40 minutes/36 miles from Denver International Airport.

## INFO AND REGISTRATION

Registration will open on February 1, 2024. Space is limited! Early-bird and group discounts are available through June 20, 2024.

## COURSE DIRECTORS:

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*Sponsorships are still available!*  
Please contact the Continuing and Professional Education Services (CPES) office at [Learn@mines.edu](mailto:Learn@mines.edu) for more information.