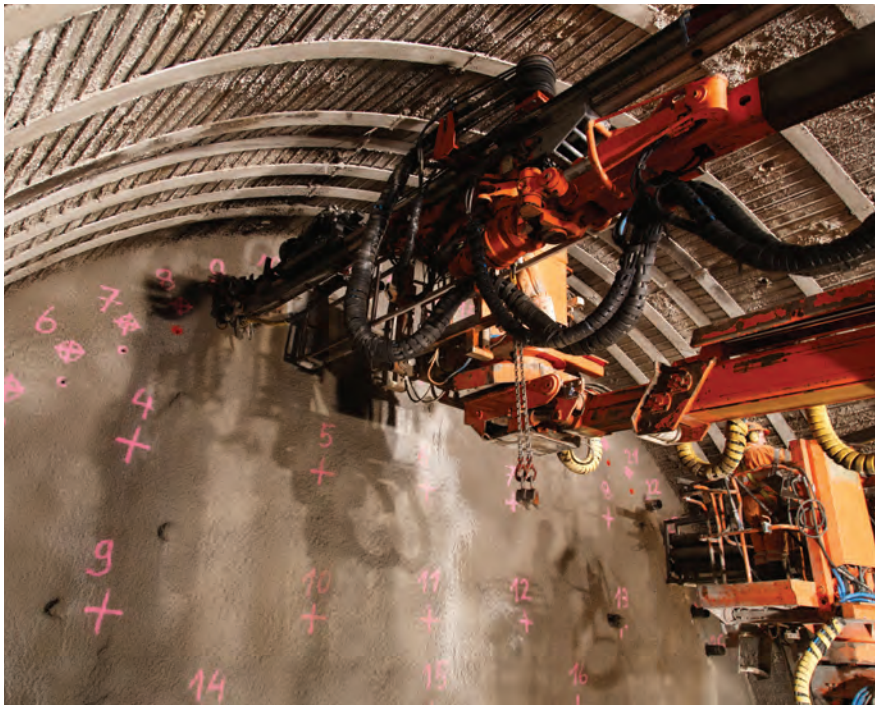




2018 ANNUAL SHORT COURSE:

Grouting and Ground Improvement

May 14-16, 2018 • Golden, Colorado



This three-day comprehensive course covers engineering, equipment, materials and methods for grouting and ground improvement in civil and geotechnical engineering, underground construction, tunneling and mining projects. Participants will have access to classroom presentations by internationally-recognized experts, as well as laboratory demos, an off-campus field demo and hands-on testing of grout and grouting methods.

Course highlights include field demo days providing participants with the opportunity to see grouting and ground improvement field equipment 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 underground, tunneling and mining projects.

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

CEUs

Colorado School of Mines will award 2.1 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 is open for the course with early-bird pricing through March 14, 2018. Visit our website to sign up for course announcements: underground.mines.edu.

COURSE DIRECTORS:

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Contact us with sponsorship and programming inquiries and any other questions.