Special Explosives Applications

MLGN 598A Course

Lectures: Mondays and Wednesdays, 3:00 pm – 3:50 pm
Lab: Thursdays, 2:00 pm – 4:50 pm at the Explosives Research Lab in Idaho Springs, CO
Credit Hours: 3
Course Level: Any student from any department at graduate level may register
This course is an elective designed for the new “Materials Science with emphasis in Energetic Materials (Explosives)” graduate program at Mines. The course offers graduate students the opportunity to examine and develop a fundamental knowledge of special explosives applications and concepts. Specifically, this course will cover the topics of avalanche control, oil and gas applications, wireline companies, explosives welding, forming, and hardening, and explosive synthesis. Students will gain a greater understanding of the various industry applications and explosives science through multidisciplinary lectures, as well as laboratory demonstrations, industry expert lectures, and hands-on practical experience.

For more information, contact:
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