

BLASTING COURSES AT THE CHAIR OF MINING

THE CHAIR OF MINING PROVIDES PROFESSIONAL BLASTING TRAININGS, UNIVERSITY COURSES AS WELL AS ADVANCED TRAINING BLASTING PROGRAMS. INSTRUCTORS FROM BOTH SCIENCE AND INDUSTRY GUARANTEE UP-TO-DATE CONTENT AND QUALITY.

- **General Blasting Course**

Theoretical and practical training according to the Austrian legislation. After successful graduation the participants are qualified to perform blasts on their own.

Content: legal regulations, usage of up-to-date explosives and initiation products, principles and applications of detonators, detonating cords, delays, primers and initiating systems, damage control, practical training.

Duration: 5 days.

Certificate: "Sprengbefugtenschein"

- **Metal Blasting Course**

Theoretical and practical training. After the completion of this course the participants are qualified to perform metal blasts on their own.

Content: basics of metal blasting technique, safety regulations and precautions, charging and initiation, practical training.

Duration: two days

- **Deep Borehole Blasting Course**

Theoretical and practical training according to the Austrian legislation.

Content: geology, legal framework and regulations, occupational safety, surveying, blast planning and documentation, vibration monitoring and prognosis, explosives and initiation systems, practical training

Duration: four days

Certificate: "Sprengbefugnis für



Tiefbohrlochsprengarbeiten"

- **University Course Blasting Engineering**

This two-weeks University Course offers a profound theoretical and practical training for employees in the mining industry and engineers dealing with the complex topic of production blasting in open pit mines. Prerequisites for attending this training are either a "Sprengbefugtenschein" or an extensive experience in the field of mining.

Content: new blasting technologies, legal framework and regulations, geology, fragmentation theory, surveying, blasting system design, principles of vibration damage and control, flyrock, airblast and noise control, safety and accident prevention

Duration: two weeks

Certificate: "Sprengbefugtenschein", "Sprengbefugnis für Tiefbohrlochsprengarbeiten",

Certificate of the Final Examination



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All courses offered are
subject to the Austrian law
(FK-V, BGBl. II 13/2007)

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<http://bergbaukunde.unileoben.ac.at/index.php?id=5780>

<http://bergbaukunde.unileoben.ac.at/de/5129/>