

ECLC PROFESSIONAL SCHOOL

Montanuniversitaet Leoben is partner in the „ECLC East Professional School“ project, run by TU Bergakademie Freiberg, Germany.

The project provides state-of-the-art knowledge with a didactic concept tailored for the local industry
Montanuniversitaet Leoben organises five workshops in 2018 and ten workshops in 2019



Course fee

€ 600 EIT members

€ 750 non-EIT members

Course material and catering included

Course registration

<https://weiterbildung.tu-freiberg.de/TUF/search.xhtml>



Contact

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2018 Courses

25.-26.09.2018 (two days)	DMT / TU Bergakademie Freiberg / Montanuniversitaet Leoben, Austria
Innovative subsurface mining imaging systems	<ul style="list-style-type: none"> Applications and requirements Underground positioning and navigation Underground mapping and inspection Feature extraction (geological classification) Data analytics and integration into prediction models
13.-14.11.2018 (two days)	Sandvik Mining and Construction, Zeltweg / Austria
Theoretical and practical aspects of mechanical rock / rock mass exca- vation	<ul style="list-style-type: none"> Methods and aspects of rock and rock mass cutability assessment Visit to rock testing laboratory Rock cutting basics General introduction of mechanical rock excavation machines Practical application of mechanical rock excavation Evaluation of operational parameters (cutting performance, tool consumption, costs)
13-14.09. or 08-09.11.2018 (two days)	Austin Powder, Leoben / Austria
Techniques for improved blast vibration control	<ul style="list-style-type: none"> Blasting Vibrations: source, particle velocity, amplitude and frequency Vibrations measurement, basic analysis Advanced analysis techniques, propagation graphs, frequency analysis Vibration criteria, review of standards, structure response, human response Vibration modelling Airblast modelling, propagation, timing selections Blast design, customer recommendations
19.10. / 30.10. / 02.11.2018 (one day)	Montanuniversitaet Leoben / Austria
Soft skill leader- ship and preventi- on of Crisis	<ul style="list-style-type: none"> Interaction analysis Process of teambuilding Personal type analysis and behaviour patterns. Definition of soft skills Leadership styles Conflict behaviour analysis Management tools
19.-20.09.2018 (two days)	Eurofins NUA Umwelt, Leoben / Austria / Erzberg iron ore mine
Dust, noise and vibration management in mining; Workplace and Environ- ment	<ul style="list-style-type: none"> Noise emissions of Industrial machines and their impact on people and environment Noise and vibration protection measures in working and living environment Assessment, quantification, and minimization of emissions into the air (dust and gases) Measurement and calculation of the impact on the surrounding environment Occupational safety regarding workplace atmosphere Field workshop: Iron ore mine Erzberg

2019 Courses Outlook:

Management | Subsurface Mining | Circular Economy | Recycling | Innovative Systems

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