EXP/MIN ENG 307 Principles of Explosives Engineering

This course is the core course of the Explosives Engineering program and provides the foundation for many following courses. It covers the basics of rock blasting which accounts for 97% plus of the civilian use of high explosives.

Instructor: Dr. Paul Worsley

Catalog Description: (LEC 2.0 and LAB 1.0) Theory and application of explosives in the mining industry; explosives, initiating systems, characteristics of explosive reactions and rock breakage, fundamentals of blast design, drilling and blasting, regulatory and safety considerations. Prerequisite: Mining 151 (Mine Safety). Accompanied or preceded by either Civ Eng 215 or Geology 220 or Geology 125.

Syllabus

Course Information

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