EXP/MIN ENG 407 Theory of High Explosives

This is an advanced course that explores the physics and chemistry behind high explosive detonations. Participants will study in depth the practical theory behind explosives properties.

Instructor: Dr. Jason Baird

Catalog Description: (LEC 3.0) Study of the application of chemical thermodynamics and the hydrodynamic theory to determine properties of high explosives; kinetics and reaction rates; application of the above to the blasting action of explosives. Prerequisite: Exp/Min Eng 307.

Objectives