

Department: Mining Engineering

Division: Mining Exploration

Level and Major: MSc, Mining Exploration

Course Title: Applied Geochemistry

Number of Credits: 2

Lecturer: Dr. Ardeshir Hezarkhani

Course Goals and Objectives

Introducing the new methods to explore the new ore deposits based on the paper reviews of 2014 up to now.

Course Topics

- Up-to-date articles on geochemistry

Reading Resources

- Carmichael I. S. E., Eugster H. P. and Paul H. Ribbe, (1987), Thermodynamic Modelling of Geological Materials, Minerals and Fluids. Mineralogical Society of America, p. 499.
- Edward Alcamo I., (1994), Fundamentals of Microbiology, The Benjamin/Cummings Publishing Company, Inc. California, p. 916