

Department: Mining Engineering

Division: Mining Exploitation and Rock Mechanics

Level and Major: BSc, Mining Exploitation and Rock Mechanics

Course Title: Descriptive Mineralogy laboratory

Number of Credits: 1

Corequisite: Descriptive Mineralogy

Lecturer: Dr. Abbas Maghsoudi

Course Goals and Objectives

The familiarity of students with the descriptive mineralogy

Course Topics

- Definitions
- Methods of identifying minerals
- Physical properties of minerals
- Classification of minerals
- Non-Silicates
- Silicates

Reading Resources

- Razavi, S.M.H., 1382. Mineralogy Silicates, Tarbiat Moallem University press.
- Razavi, S.M.H., 1382. Mineralogy Non-Silicates, Tarbiat Moallem University press.
- Dana, J.D., Non-Silicates, translated by Mohammadi, M, Payam Noor university press, 1376
- Dana, J.D., Silicates, translated Otrodi, S, Payam Noor university press, 1376.