

**Department:** Mining Engineering

**Division:** Mining Exploration and Mineral Processing

**Level and Major:** BSc, Mining Exploration and Mineral Processing

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**Course Title:** Descriptive Mineralogy laboratory

**Number of Credits: 1**

**Corequisite:** Descriptive Mineralogy

**Lecturer:** Dr. Abbas Maghsoudi

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### **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.