

Department: Mining Engineering

Division: Mining Exploration and Mineral Processing

Level and Major: BSc, Mining Exploration and Mineral Processing

Course Title: Laboratory of Petrology

Number of Credits: 1

Corequisite: Petrology

Lecturer: Dr. Ardeshir Hezarkhani

Course Goals and Objectives

Three types rock identifications based on thermodynamics and mineralogy

Course Topics

- Petrology Principals
- Igneous Petrology
- Sedimentary Petrology
- Metamorphic Petrology
- Conclusions

Reading Resources

- Petrology: Principles and Practice, Gautam Sen, 2013
- Principles of Igneous and Metamorphic Petrology, John D. Winter, 2010