

Department: Mining Engineering

Division: Mining Exploration and Mineral Processing

Level and Major: BSc, Mining Exploration and Mineral Processing

Course Title: Economic Geology of Iran

Number of Credits: 2

Prerequisite (Corequisite): Economic Geology+ (Geochemical Exploration 1)

Lecturer: Dr. Ardeshir Hezarkhani

Course Goals and Objectives

Iran Economic geology is the study of the genesis and regional to global distribution of mineral deposits, with emphasis on their relationship in space and time to regional petrologic and tectonic features of the Earth's crust in Iran.

Course Topics

- Plate Tectonic Principles
- The Identification of Geochemical states in Iran Crust in the rest of our time.
- The discussion about big Iranian mineral deposits

Reading Resources

- Elements v.5/1, Feb 2009 MarkThiemens RIMG v.68 - Oxygen in the Solar System (2008), MSA and GS
- Elements v.6/1, Feb 2010 Jon Davidson Principles of Igneous and Metamorphic Petrology (2008), Cambridge University Press
- Is Metallogeny a Practical Exploration Tool? G. Rex Davis This article, based on a keynote address to the recent MEGS V Conference in Dubrovnik, is a personal