

Department: Mining Engineering

Division: Mining Exploration

Level and Major: MSc, Mining Exploration

Course Title: Feasibility Study

Number of Credits: 2

Lecturer: Dr. Majid Ataee Pour

Course Goals and Objectives

Introduction to mine projects and their economic evaluation

Course Topics

- General
- Mine Project Stages
- Feasibility Studies Types and Aims
- Valuation Types
- Ore Reserve
- Revenue
- Net Smelter Return (NSR)
- Cost and Cost Estimation
- Tax and Royalties
- Depreciation
- Time Value of Money
- Project Evaluation Techniques.

Reading Resources

- Wellmer, F W, Dalheimer, M and Wagner, M (2008) Economic Evaluations in Exploration, 2nd Edition, Springer
- Oskounejad, M.M (1384) Engineering Economy, Amirkabir University of Technology Publication