

Department: Mining Engineering

Division: Mining Exploitation

Level and Major: MSc, Mining Exploitation

Course Title: Mine Feasibility Studies

Number of Credits: 3

Lecturer: Dr. Majid Ataee Pour

Course Goals and Objectives

Introduction to mine projects and their economic evaluation.

Course Topics

- Depreciation
- Time Value of Money
- Project Evaluation Techniques
- Risk
- Accounting Principles
- 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
- Sensitivity Analysis