Department: Mathematics and Computer Sciences **Division:** Applied Mathematics **Level and Major:** Graduate

Course Title: Mine System Analysis **Number of Credits:** 3 **Prerequisite: Lecturer:**

Course Description:

Course Goals and Objectives:

Course Topics:

- Introduction to modeling and decision making
- Introduction to linear programming
- Introduction to mixed integer programming
- Introduction to Nonlinear programming
- Introduction to stochastic programming

Reading Resources:

Evaluation: