

Department: Mining Engineering

Division: Mining Exploitation and Rock Mechanics

Level and Major: BSc, Mining Exploitation and Rock Mechanics

Course Title: Mine Ventilation

Number of Credits: 2

Prerequisite: Fluid Mechanics

Lecturer: Eng. S. Hassan Madani

Course Goals and Objectives

Introduction to ventilation methods in mines

Course Topics

- Gas and dusts ventilation
- Physical properties of air
- Air movement
- Loss
- Networks
- Fans
- Natural ventilation
- Auxiliary ventilation