

MINING TECH (MINL)

MINL S109 Introduction to Mine Safety

3 credits (3+0)

A preparatory course in mine safety principles. Major topics will include Critical Risks, Field Level Risk Assessment (FLRA), Job Hazard Analysis (JHA), and Standard Operating Procedures (SOP). The role of mindset of the individual worker will also be discussed, to include issues such as complacency and self-imposed sense of urgency.

MINL S120 Introduction to Mining Occupations and Operations

3 credits (3+0)

Introduction to the variety of activities, processes, products, as well as entry-level jobs associated with Alaska's hard-rock mines. Students will learn about miner safety, traits, and skills, the planning and logistical requirements of remote site mine operations, the important uses of metals in our daily lives, and how mining companies protect the environment and comply with environmental regulations. Students will also learn about mine training, education, and scholarship opportunities available to Alaskans.