MINING TECHNOLOGY (MNG)

MNG 102 (3 credit hours)
Introduction to Mine Engineering and Mining Technology
Provides orientation to the mining engineering and mining technology professions. Includes introduction to key mining engineering activities and functions, mining methods and equipment, and health and safety subsystems. Lecture: 3.0 credits (45 contact hours).
Attributes: Technical
Components: LEC: Lecture

MNG 160 (3 credit hours)
Elements of Underground Mining
Introduces underground mining methods, operations, and procedures. Includes topics of miners' rights, work environments, health and safety standards, roof control, mine ventilation, transportation, communication, compressed gas cylinders, explosives, mine gases and instruments, electrical hazards, accident prevention, and emergency procedures. Lecture: 3.0 credits (45 contact hours).
Attributes: Technical
Components: LEC: Lecture

MNG 161 (1 credit hours)
Elements of Underground Mining Lab
Applies the principles and policies of mining methods, operations, and procedures in a controlled laboratory environment. Focuses on the skills associated with the information taught in the paired underground mining lecture course. Pre-requisite OR Lab: 1.0 credit (30 contact hours).
Co-requisite: MNG 160.
Attributes: Technical
Components: LAB: Laboratory

MNG 170 (2 credit hours)
Elements of Surface Mining
Introduces study of surface mining methods, operations, and procedures. Includes topics of miners' rights, work environments, ground control, health and safety standards, transportation, communication, compressed gas cylinders, explosives, mine gases and instruments, electrical hazards, accident prevention, and emergency procedures. Lecture: 2.0 credits (30 contact hours).
Attributes: Technical
Components: LEC: Lecture