

SAFE-146 MSHA - Refresher

.5 CREDIT

SYLLABUS

CATALOG DESCRIPTION

This course provides annual refresher training for surface coal miners, vendors, and contractors. Students will receive eight hours of annual refresher training as prescribed in 30 CFR 48 Subpart B. The refresher training will include instruction on changes at the mine that have occurred in the past twelve months. Course of instruction will be adapted to specific mine sites that the miner, vendor, or contractor may frequent.

Prerequisites: New Miner

Semester Offered: ALL

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Explain updates to mandatory health and safety standards according to MSHA 30 CFR Part 77.

2. Assess transportation controls and communication systems along with sling configurations and rigging requirements.
3. Explain proper procedures for escape and emergency action plans, fire warning systems and firefighting methods.
4. Implement first aid and CPR measures.
5. List several common hazards associated with a mining environment, including respiratory, hearing, equipment, electrical and chemical exposure.
6. Describe the proper way to don and doff respiratory devices.
7. Identify the proper care, storage, and handling of explosive devices, flammable and combustible materials and hot work procedures and permits.
8. Explain accident preventative measures including working in areas of high walls, water hazards, pits and spoil banks, and with illumination during night work.