

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: MSHA Annual Refresher Training
Semester Course Prefix and Number: ITSF 1487
Old Quarter Course Prefix and Number:

Submitted By: Laura Korpi
Approval Date:
Revision Date: April 2007

Number of Credits: 1
Semester(s) Offered:
Class Size: 30
Negotiated by AASC on:

Number of Lecture Credits: 1
Number of Lab Credits:
Number of Lab Hours:
Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

- 0 - Developmental Courses
x 1 - Non-transferable
2 - Technical course related to career programs
3 - College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
4 - Other college course not considered a part of MNTC (e.g. computer science, health, physical education)
5 - Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.
9 - Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:

This course is designed to update and refresh the students Mine Safety and health Administration (MSHA) certificate, which is needed annually. Students will have the opportunity to receive information about the most current MSHA regulations and standards as well as to be certified in Basic First Aid. Students will receive a certificate, which will allow access to mining industry employment, and the certificate will be valid for one year.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): ITSF 1486 MSHA Certification or current MSHA Certificate
Reading Prerequisite:
Composition Prerequisite:
Mathematics Prerequisite:

Career Programs and Transfer Majors Accessing this Course:

Automotive Technician, Industrial Mechanical Technology, Industrial Technology, and Welding

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:

(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer's approval are required.)

- 0. x None
1. Communications
2. Critical Thinking
3. Natural Sciences
4. Mathematical/Logical Reasoning
5. History and the Social and Behavioral Sciences
6. The Humanities and Fine Arts
7. Human Diversity
8. Global Perspectives
9. Ethical and Civic Responsibility
10. People and the Environment

Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

Demonstrate knowledge of the Mandatory health and Safety Standards of Mining.

Identify, report and correct potential safety and health hazards and conditions as well as have an understanding of the safety and health aspects in the following areas: Transportation Controls and Communication, Escape and Emergency Evacuation Plans, Fire Warning and Firefighting, Electrical Hazards, Accidents Prevention, Health, Explosives and Self Rescue and Respiratory Devices.

Demonstrate skill and critical thinking competencies in providing Basic First Aid and Fire Suppression Techniques.

Student Assessment Methods:

Quizzes and hands on practical exams. Student success is based on attendance and participation.

Use of Instructional Technology: (includes software, interactive video and other instructional technologies):

MSHA videos, DVD's and PowerPoint Presentations as dictated by MSHA.

Outline of major course content

Mandatory health and Safety Standards

Transportation controls and Communications Systems

Escape and Emergency Evacuation Plans, Fire Warning and Firefighting Techniques

Ground Controls

First Aid

Electrical Hazards

Accident Prevention

Health

Explosives

Self Rescue and Respiratory Devices

Additional Special Information: (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Course Outline Revision History:

Approvals:

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

Distribution: Original – Instructional Services
Copies: Transfer Specialist, Originating Faculty Member, Records
Revised: March 2010