

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: HAZMAT Technician
Semester Course Prefix and Number: HLTH 1975
Old Quarter Course Prefix and Number:

Submitted By:
Approval Date:
Revision Date:

Number of Credits: 3
Semester(s) Offered:
Class Size:
Negotiated by AASC on:
(date)

Number of Lecture Credits: 3
Number of Lab Credits:
Number of Lab Hours:
Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

- 0 - Developmental Courses
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.
X 9 - Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:

Participants of this course will learn to respond to and manage aggressively a release of hazardous materials, as well as a review of the basics of HAZMAT. The course includes classroom and hands-on experience in the aspects of controlling a HAZMAT emergency. Upon successful completion of this course the participant will be issued a certificate recognized by OSHA for HAZMAT Technician that can be utilized in the industry as well as emergency services.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): SCBA qualifications preferred
Reading Prerequisite:
Composition Prerequisite:
Mathematics Prerequisite:

Career Programs and Transfer Majors Accessing this Course

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)

The student will be knowledgeable in the following areas: Chemical, biological and radiological behavior, hazards and protection.

The student will be able to manage a HAZMAT incident through assessment and command.

This course satisfies the criteria for OSHA 1910.120:Hazardous Materials Response- Technician

Student Assessment Methods:

Written quiz's on each section. Final examination upon course completion.

Practical challenges throughout course.

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

Outline of the major course content:

This class is designed to meet all requirements set forth by OSHA. HAZMAT Technician is designed to prepare students to manage a HAZMAT Emergency through Incident Command; Site Assessment; Personal Protective Equipment; Containers; Mitigation; Decontamination; Chemical, Biological and Radiological Terminology; Record-keeping and incident Termination.

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

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

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
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