MOHAWK VALLEY COMMUNITY COLLEGE

UTICA AND ROME, NEW YORK

COURSE OUTLINE

Public Health & Safety in Schools

FM180

CATALOG DESCRIPTION:

FM 180 Public Health & Safety in Schools C-3, P-3

This web-based course provides the rationale for an occupationally safe and healthy work environment in an educational facility. Skills include working effectively with school emergencies, safe internal and external facility environments, and safety inspections

Student learning outcomes:

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

* Construct an Institution Plan for Safety
* Define Institutional statuses
* List Numerous hazardous materials
* Create a Safety Plan
* Define Personnel Requirements

DETAILED COURSE OUTLINE:

# 1. Introduction to Public Safety

(3 period)

1. Institutional Legal Status
2. Public Status
3. Non profit Status
4. Other Types

# 2. Institutional Requirements (3 period)

1. Which Persons are liable
2. Status Defined

3. Which Persons are covered by what (3 period)

1. Defining Your Employees
2. Status of Interns and Students
3. Status of Managers, Faculty and Officials
4. Status of Visitors

# 4. Workplace & Building Safety (3 period)

1. Asbestos Control
2. Flooring
3. Ceilings
4. Walls
5. Exposed Workers
6. Types of Work
7. Biosafety
8. Electrical Safety
9. Allergens
10. Hazcomm

# 5. Air Emission Issues (3 period)

1. Overview
2. Operating Permits
3. Location Requirements
4. Other Air issues

# 6. Wastewater & Stormwater Issues (3 period)

1. Regulatory Framework
2. Direct Discharge Permits
3. Enforcement Penalties
4. Wetlands
5. Dredge and Fill Permits
6. Spills of Oil and Hazardous Materials
7. Grants and Research Programs

# 7. Transportation of Hazardous Materials (3 period)

1. Overview
2. Who is Covered
3. Determining Hazardous Status
4. Packaging
5. Training Requirements

# 8. Waste Management & Disposal (3 period)

1. Introduction
2. Solid Waste
3. Exemptions
4. Hazardous Water
5. Mixture Rules
6. Indetification

# 9. Worker Training & Safety Issues (3 period)

1. Introduction
2. OSHA Review Commission
3. Roles of the States
4. Emergency Response Training
5. OSHA Illness
6. Citations
7. Retention of Records

# 10. Pollution Prevention

(3 period)

1. Introduction
2. Reduction of Hazardous wastes
3. The EPA
4. Waste Minimization
5. Waste Contractors

# 11. Grounds & Pedestrian Safety

(3 period)

1. Grounds and Chemical Exposures
2. Street and Sidewalks
3. Fleet Safety
4. Crime Prevention
5. Animal Control Policies

# 12. Other Regulatory Controls

(3 period)

1. Chemicals
2. Leaking tanks
3. Water Safety
4. Radiation
5. Noise

# 13 Art & Theatre Department Hazards

(3periods)

1. Background
2. Exposure
3. Susceptibility
4. Evaluations
5. Materials for Children
6. Art Materials

14 : Safe Drinking Water (4 periods)

1. Regulation of Water Systems
2. Drinking Water Regulations
3. Lead Contamination
4. Groundwater Protection