

Common Course Outline
ENVS143
Hazardous Materials & Waste Management Laboratory
1 Semester Hour

The Community College of Baltimore County

Description

Hazardous Materials & Waste Management Laboratory

Covers the required OSHA 29CFR 1910.120 Hazardous Waste Operations training, which will qualify students to work on-site at environmental remediation and restoration operations.

Prerequisite: ENVS 101 or permission of program coordinator

Overall Course Objectives

Upon successful completion of ENVS 143, a student will be able to:

1. Perform required safety procedures for the packaging, labeling, handling and transporting hazardous waste.
2. Utilize specialized equipment in the handling of hazardous material/waste.
3. Perform safety inspections of work areas, recognize & evaluate hazardous conditions.
4. Determine appropriate personal protective equipment levels.
5. Utilize personal protective clothing, respiratory equipment.
6. Meet safety requirements as a hazardous site worker.
7. Describe standard decontamination procedures.
8. Describe safety procedures to be taken for confined space entry.
9. Utilize air-monitoring equipment.

Major Topics

Hazard Recognition and Evaluation

Personal Protective Clothing and equipment

Air Monitoring Equipment

Respiratory Protective Equipment

Site Investigation and Control

Decontamination

Confined Space Entry

Course Requirements

Grading procedures will be determined by the individual faculty member but may include written or oral exams, completion of written assignments or papers, and participation in class discussion and group activities.

Other Course Information

ENVS 143 is an elective in the A.A.S. degree and certificate programs in Environmental Science and Technology.

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