Course Information Form (CIF)

Course Code: LBR 133
Course Title: Asbestos Abatement

Department: Applied Sciences and Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 15.0701
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 2-2-3
Credit Hour Distribution:

Lecture: 2	Lab: 2	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Asbestos abatement principles and practice, approved by Illinois Department of Public Health/EPA accredited.

General Course Objectives

Students will be able to work safely and effectively to remove asbestos according to state and federal requirements.

Minimum Placement Levels

English	Reading	Math
None	None	None

Prerequisites

Credit in LBR 111, LBR 112, LBR 113, LBR 114, and LBR 115
Admission into the Laborers Apprenticeship program

Methods of Evaluation

The minimum evaluation methods will include 1 written exam and 2 quizzes.

Instructional Materials and Additional Supplies

Asbestos Abatement Training Manual, Laborers Training Fund, April 2011.

Course Content

General Learning Outcomes (GLOs)

- Technology: Students will demonstrate the ability to evaluate, select, and appropriately use current and emerging tools.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Physical Characteristics	1. Describe the physical characteristics of asbestos.	1	1	0
Health Effects	1. Describe the potential health effects of asbestos exposure.	2	0	0
Air Monitoring	1. Explain the methods and purposes of air monitoring. 2. Describe the setup of an air monitoring system.	2	2	0
Regulatory Requirements	1. Name the requirements of each federal, state, and local regulatory agency relative to asbestos.	2	0	0
Personal Protective Equipment (PPE) and Clothing	1. Obtain PPE and clothing. 2. Describe the purpose of PPE.	2	3	0
Hazard Communication	1. Explain why hazard communication is important. 2. Describe the means of hazard communication.	1	1	0
Establishing a Type C Air System	1. Demonstrate how to establish a Type C air system.	2	2	0
Negative Pressure Air Filter Systems	1. Demonstrate how to create a negative pressure air filter system.	2	2	0
Non-Asbestos-Related Safety and Health Problems	1. Identify non-asbestos-related safety and health problems.	2	0	0
Occupational Heat Stress	1. Describe occupational heat stress. 2. List ways to minimize heat stress.	1	0	0
Permit-Required Confined Spaces	1. Name situations where permits to enter are required.	1	1	0
Preparing the Work Area	1. List what needs to be done to prepare a work area. 2. Demonstrate how to prepare the work area.	2	4	0
Establishing a Decontamination Unit	1. Demonstrate how to set up a decontamination unit.	2	4	0
Control Methods	1. Describe and demonstrate the means to control the asbestos by encapsulation, removal, and enclosure.	2	4	0
Asbestos Guidelines for Demolition of Buildings	1. Describe the guidelines for demolition of a building. 2. Demonstrate methods during demolition.	2	2	0
Cleanup and Waste Disposal	1. Demonstrate how to clean up and dispose of asbestos waste.	1	2	0
Glovebag Techniques	1. Demonstrate glovebag techniques.	1	1	0

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
New Abatement-Related Techniques and Methodologies	1. Describe new abatement techniques.	1	0	0
Exams	1. Demonstrate proficiency in the subject through successfully passing quizzes and written exam.	1	1	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0