

**Southwest Center for Microsystems Education (SCME)  
University of New Mexico**

**Hazardous Materials I and II**  
**Learning Module**

**Instructor Guide**

This learning module consists of five (5) units:  
HazMat I and II Knowledge Probe (Pre-test)  
HazMat I Primary Knowledge (Reading Material)  
HazMat II Primary Knowledge (Reading Material)  
Haz Mat I and II Activity  
Final Assessment

*A learning module map is included for the instructor as a suggested guide on how to apply this learning module.*

This purpose of this learning module is to provide information on hazardous materials and how these materials could affect one's health and the safety of the working environment. This information should provide students and employees with the knowledge and confidence needed to work in environments in which hazardous materials are used and stored.

Target audiences: High School, Community College, University

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Website: [www.scme-nm.org](http://www.scme-nm.org)

## Learning Module (LM) Map for Hazardous Materials (HazMat)

Learning Module units (5):

- Knowledge Probe (pre-test)
- HazMat I Primary Knowledge Unit
- HazMat I Primary Knowledge Unit
- HazMat I and II Activity
- LM Assessment

Following is a suggested map on the implementation of this learning module.

IMPORTANT STEPS	KEY POINTS	REASONS
Knowledge Probe (KP) or pre-test	Have the participants complete the Knowledge Probe for this learning module.	Completion of the KP will allow you to identify what the participants know and do not know about hazardous materials.
Present the <u>Hazardous Materials I PK</u>	Participants should read the PK. A PowerPoint presentation can be downloaded by the instructor from <a href="http://scme-nm.org">scme-nm.org</a> and presented to all participants.	In HazMat I participants will become familiar with the physical hazards of chemicals and the federal regulations for HazMat training.
Present the <u>Hazardous Materials II PK</u>	Participants should read the PK. A PowerPoint presentation can be downloaded by the instructor from <a href="http://scme-nm.org">scme-nm.org</a> and presented to all participants.	In HazMat II participants will become familiar with the health hazards of chemicals.
Complete the <u>HazMat I and II Activity</u>	Participants complete a crossword puzzle on HazMat terminology and answer several questions about types of chemical hazards.	This activity tests the participants on their knowledge of the terminology of hazardous materials as well as their understanding of the hazards.
HazMat I and II Assessment	Give the participants the assessment.	Participants are evaluated on what they have learned about hazardous materials.