**Southwest Center for Microsystems Education (SCME)**

**University of New Mexico**

**Personal Protective Equipment (PPE)**

**Learning Module**

**Instructor Guide**

This learning module (LM) contains:

Learning Module Map (LM outline for instructor)

Primary Knowledge (Reading Material)

PPE Activity

Final Assessment

*The purpose of this learning module is to familiarize participants with the types of PPE found in manufacturing and laboratory environments, the purpose of PPE and what type of PPE is required for different tasks.*

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 Personal Protective Equipment (PPE)**

Learning Module: Personal Protective Equipment

*The purpose of this learning module is to familiarize participants with the types of PPE found in manufacturing and laboratory environments, the purpose of PPE and what type of PPE is required for different tasks.*

Learning Module units (3):

* Primary Knowledge Unit
* PPE Activity
* LM Assessment

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

|  |  |  |
| --- | --- | --- |
| **IMPORTANT STEPS** | **KEY POINTS** | **REASONS** |
| Inquiry Exercise | Ask the participants the following questions:  What is PPE?  What is the purpose of PPE?  Where have you used PPE?  Why would you use PPE? | These questions will help the participants see that PPE is used for many purposes, for many reasons, and in many places. There should identify that items such as an oven mitt is PPE. |
| Present the PPE PK | Participants should read the PK.  A PowerPoint presentation can be downloaded by the instructor from scme-nm.org and presented to all participants. | After reading the PK, the participants will have a better understanding of the types of PPE that is used in industry and why. |
| Complete the PPE Activity | Participants are asked to complete a crossword puzzle and several questions relative to PPE. | This activity reinforces the terminology and use of PPE in a fabrication facility. |
| PPE Assessment | Give the participants the assessment. | Participants are evaluated on what they have learned about PPE. |