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| **Topic:** Hand and Power Tools | **Sub Topic: Equipment Safety** |
| **Duration:** 1 Hour | **Resources:** |
| **Equipment:**     * Various PPE | **Videos:** [**Advanced Hand and Power Tool Safety**](https://youtu.be/PGiAg89qR9Y)    [Power and Hand Tool Safety](https://youtu.be/_jCcJPoDFLA) |
| **Topic Description:**  This lecture covers tool and equipment safety.  Special emphasis will be placed on recognizing engineering and work practice controls in safety standards and manufacturers procedures.  **Learning Outcomes:**  Upon successful completion of this lecture, students will be able to:   * Recognize the hazards associated with the use of hand and power tools. * Determine what personal protective equipment (PPE) is required when using hand and power tools. * Understand the machine guarding methods used to protect employees from the hazards associated with the use of machinery. * Correctly apply the hierarchy of controls to standards for tool and equipment safety.   **Activity:**    Step 1         Students partner in groups of 2-4 to determine the hazards for each precaution associated with the tool or equipment under review  Step 2    Students identify potential standards that will apply to equipment or tool safety procedures.  Step 3         Student groups to associate a hazard with the precaution and identified standard.  Step 4         Students apply the hierarchy of controls to the standards. | |