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| **Topic:** Excavation Safety | **Sub Topic: Trenching and Shoring** |
| **Duration:** 1 Hour | **Resources:** [**Trenching and Shoring Fact Sheet**](https://www.osha.gov/sites/default/files/publications/trench_excavation_fs.pdf) |
| **Equipment:*** PPE
 | **Videos:** [**Trenching and Shoring**](https://youtu.be/GmPSW2cx6n8)[**OSHA Trenching Fatality**](https://youtu.be/cFYkeT0Yk6k)  |
| **Topic Description:**This lecture covers excavation safety.  Special emphasis will be placed on work engineering and work practice controls and inspections.**Learning Outcomes:**Upon successful completion of this lecture, students will be able to:* Identify the Hazards Associated with Excavations & Trenching.
* Select the Proper Method of Protection for Workers in Excavations.

**Activity:**Step 1         Students partner in groups of 2-4 to review excavation case study-fatality.Step 2    Students link excavation hazards to standards.Step 3         Student groups to choose 5 standards which if followed would have prevented the fatality.Step 4         Students discuss reasoning for choice of standards |