

# OSHA Silica Standard: Gaining the Skills and Capabilities to Comply

## Course Description (Course ID: EST 7132P)

Stay abreast OSHA's new 2016 Silica Standard for general industry, construction, and maritime with this course. Obtain a comprehensive review of the new OSHA regulation, training on the health effects of silica exposure, and practical steps companies can take to protect workers from the hazards of silica exposure.

Job tasks addressed in this course include those who come in contact with elevated exposure to silica dust. Students will learn how to properly implement assessment methods for measuring worker exposure, and assists employers in understanding the medical surveillance requirements of the standards.

The facilitated and interactive training included in this course, allows participants to gain the knowledge they need to assure the effectiveness of their company's silica compliance program, and to understand the requirements and responsibilities of a silica "competent person" on construction sites.

Course Date	Location	Cost
Oct 7, 2016	Atlanta, GA	\$270
Jan 13, 2017	Atlanta, GA	\$270
Mar 3, 2017	Savannah, GA	\$270
Mar 14, 2017	Atlanta, GA	\$270
Apr 7, 2017	Atlanta, GA	\$270
Jun 16, 2017	Atlanta, GA	\$270
Aug 1, 2017	Atlanta, GA	\$270
Oct 6, 2017	Atlanta, GA	\$270

<https://pe.gatech.edu/courses/osha-silica-standard-gaining-skills-and-capabilities-comply>

## How You Will Benefit

- Describe what silica and crystalline silica are and where they come from
- Identify the routes of exposure significant for silica
- Differentiate between the various health effects of silica overexposure, including the signs, symptoms of exposure, and the diseases associated with silica
- Categorize the exposure levels and tasks associated with acute and chronic silicosis
- Outline the major options for making a determination if silica is present
- Evaluate the various engineering control measures used to reduce exposure to silica
- Analyze exposure monitoring results to determine the appropriate respiratory protection needed for each task
- Construct a silica exposure monitoring program

## Content

- OSHA's Silica standard
- Overview of Silica and the Health Effects from Exposure to Silica
- Silica Exposure Control Planning
- Medical Evaluations for Employees Exposed to Silica
- Air Sampling Strategies and Methods for Silica Exposure
- Control Methods for Exposure to Silica