



## Fall 2022 Schedule

DATES	TIME	TOPIC / DETAILS
Sept. 19 & Sept. 20	1:30 – 4:30p each day (3 hrs)	<p><b>Orientation</b></p> <ul style="list-style-type: none"> <li>• Safety 360 program intro, general safety rules, &amp; expectations</li> <li>• Introduction to construction hazards, safety, &amp; OSHA</li> <li>• OSHA poster, worker protections/rights, our safety responsibilities</li> <li>• Safety responsibilities – employers &amp; workers</li> <li>• Reporting workplace hazards &amp; injuries/illnesses</li> </ul> <p><b>PPE (Personal Protective Equipment)</b></p> <ul style="list-style-type: none"> <li>• Types &amp; purpose of PPE</li> <li>• PPE requirements – OSHA &amp; this facility</li> <li>• Selecting, inspecting, fitting, &amp; caring for your PPE (ACTIVITY)</li> </ul> <p><b>Emergency Preparedness, Sanitation, &amp; Housekeeping</b></p> <ul style="list-style-type: none"> <li>• Emergency preparedness (ACTIVITY)</li> <li>• Bloodborne pathogens &amp; bodily fluids exposure/protection</li> <li>• Sanitation &amp; housekeeping</li> </ul> <p><b>Knowledge/skills assessment</b></p>
Sept. 26 & Sept. 27	1:30 – 4:30p each day (3 hrs)	<p><b>Ladder Safety</b></p> <ul style="list-style-type: none"> <li>• Types of ladders &amp; when they are needed</li> <li>• Ladder hazards</li> <li>• Selecting &amp; inspecting ladders</li> <li>• Ladder set-up &amp; use (ACTIVITY)</li> </ul> <p><b>Fire Safety</b></p> <ul style="list-style-type: none"> <li>• Fire hazards on a jobsite</li> <li>• Fire extinguishers – types; inspection; how to use (ACTIVITY)</li> <li>• What are flammables (liquids/gases) &amp; necessary safety precautions</li> <li>• Fire watch – what it hot work, what is a fire watch; fire watch responsibilities</li> </ul> <p><b>Chemical Safety &amp; Silica</b></p> <ul style="list-style-type: none"> <li>• What is a “hazardous chemical” &amp; what types are on a jobsite</li> <li>• How chemical safety information is communicated to you</li> <li>• Understanding labels &amp; pictograms</li> <li>• Safety Data Sheets – what they are; how to use them (ACTIVITY)</li> <li>• Chemical hygiene</li> </ul> <p><b>Knowledge/skills assessment</b></p>
Oct. 3 & Oct. 4	1:30 – 4:30p each day (3 hrs)	<p><b>Fall Protection</b></p> <ul style="list-style-type: none"> <li>• Fall hazards</li> <li>• What is fall protection</li> <li>• Types of fall protection (explanation, set-up, use) (ACTIVITY)</li> <li>• Harness components, inspection, fit, use, &amp; care (ACTIVITY)</li> <li>• When fall protection is needed</li> </ul> <p><b>Knowledge/skills assessment</b></p>
Oct. 17 & Oct. 18	1:30 – 4:30p each day (3 hrs)	<p><b>Electrical Safety</b></p> <ul style="list-style-type: none"> <li>• Hazards of electricity; injury causes; common electrical hazards on a jobsite</li> <li>• Inspection of electric cords &amp; tools; common fails; repair limitations (ACTIVITY)</li> <li>• Use &amp; placement of cords</li> <li>• Overcurrent protection; effective grounding; ground fault protection (ACTIVITY)</li> </ul>

		<ul style="list-style-type: none"> <li>• Clearance around panels; restrictions/restricted areas</li> <li>• Lockout/tagout – what it is/purpose; when needed; hardware; how to do (ACTIVITY)</li> <li>• Hazards of exposed live conductors</li> <li>• Power line hazard awareness</li> </ul> <p><b>Knowledge/skills assessment</b></p>
<p><b>Oct. 24 &amp; Oct. 25</b></p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p><b>Scaffold Safety</b></p> <ul style="list-style-type: none"> <li>• Types of scaffolds &amp; related hazards</li> <li>• Frame &amp; Baker scaffold components &amp; inspecting them (ACTIVITY)</li> <li>• Frame &amp; Baker scaffold set-up, use, &amp; tear-down (ACTIVITY)</li> </ul> <p><b>Confined Space Awareness</b></p> <ul style="list-style-type: none"> <li>• What is a confined space &amp; why they can be dangerous</li> <li>• What it takes to be able to enter a confined space safely</li> <li>• Confined space entry equipment (ACTIVITY)</li> </ul> <p><b>Knowledge/skills assessment</b></p>
<p><b>Oct. 31 &amp; Nov. 1</b></p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p><b>Hand &amp; power tools</b></p> <ul style="list-style-type: none"> <li>• Common hand &amp; power tools you will use</li> <li>• Hazards associated with these tools</li> <li>• Necessary precautions (PPE; attire; loose hair/objects, guards, hand placement...)</li> <li>• Tool selection &amp; inspection</li> <li>• Power tool guards &amp; guard adjustment</li> <li>• Bit/blade/wheel selection &amp; inspection</li> <li>• Proper use of common hand &amp; power tools (ACTIVITY)</li> <li>• Special precautions for fuel-powered tools</li> <li>• Special precautions for powder-actuated tools</li> </ul>
<p><b>Nov. 7 &amp; Nov. 8</b></p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p><b>Manual Materials Handling</b></p> <ul style="list-style-type: none"> <li>• Materials handling hazards &amp; injuries</li> <li>• Back care/lifting safety (ACTIVITY)</li> <li>• Stacking materials</li> <li>• Tying common knots (ACTIVITY)</li> <li>• Using common materials handling equipment (ACTIVITY)</li> <li>• Signaling extensible boom forklifts (ACTIVITY)</li> </ul> <p><b>Rigging</b></p> <ul style="list-style-type: none"> <li>• What is rigging &amp; hazards associated with it</li> <li>• Common rigging gear – types, inspection, general use (ACTIVITY)</li> <li>• Common sling hitches (ACTIVITY)</li> <li>• Rigging plans &amp; safe rigging practices (ACTIVITY)</li> </ul>
<p><b>Nov. 14 &amp; Nov. 15</b></p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p><b>Motorized Equipment Safety</b></p> <ul style="list-style-type: none"> <li>• Common pieces of motorized equipment on a jobsite; Hazards &amp; hazard areas</li> <li>• Back-over prevention</li> <li>• Safety when working from aerial &amp; scissors lifts (ACTIVITY)</li> </ul> <p><b>Knowledge/skills assessment</b></p>
<p><b>Nov. 21 &amp; Nov. 22</b></p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p><b>Excavation &amp; Trench Safety</b></p> <ul style="list-style-type: none"> <li>• Hazards of open excavations &amp; trenches</li> <li>• Soil types &amp; classifying soil (ACTIVITY)</li> <li>• Cave-in protection – what is it; types; when necessary; proper use</li> <li>• Hazards of buried utilities; OneCall markings</li> <li>• Safe access</li> <li>• Safety when working near traffic</li> <li>• Poor air quality hazards &amp; necessary precautions</li> </ul> <p><b>Jobsite Health Hazards</b></p> <ul style="list-style-type: none"> <li>• Common jobsite health hazards (ACTIVITY)</li> <li>• Respirable crystalline silica – hazards &amp; precautions</li> <li>• Heat/cold related injury hazards &amp; prevention</li> </ul>

		<ul style="list-style-type: none"> <li>• Working safely with wet concrete</li> <li>• Mold, lead, asbestos, carbon monoxide, &amp; H2S awareness</li> </ul> <p><b>Managing Safety &amp; Health</b></p> <ul style="list-style-type: none"> <li>• Stop Work Authority</li> <li>• Safety programs &amp; your involvement</li> <li>• Hazard prevention/control</li> <li>• Your role in an incident investigation</li> </ul> <p><b>Knowledge/skills assessment</b></p>
<b>Nov. 28 &amp; Nov. 29</b>	1:30 – 4:30p each day (3 hrs)	<p><b>Math</b></p> <ul style="list-style-type: none"> <li>• Fractions &amp; decimals (add/subtract/multiply/divide)</li> <li>• Percents &amp; conversions btw fractions-decimals-percents</li> <li>• Perimeter, area, &amp; volume calculations of basic shapes</li> <li>• Metric system &amp; conversions between basic metric units</li> <li>• Common English &amp; metric conversions</li> <li>• <b>APPLICATION PROBLEMS</b></li> </ul> <p><b>Knowledge/skills assessment</b></p>
<b>Dec. 5 &amp; Dec. 6</b>	1:30 – 4:30p each day (3 hrs)	<p><b>Math</b></p> <ul style="list-style-type: none"> <li>• Fractions &amp; decimals (add/subtract/multiply/divide)</li> <li>• Percents &amp; conversions btw fractions-decimals-percents</li> <li>• Perimeter, area, &amp; volume calculations of basic shapes</li> <li>• Metric system &amp; conversions between basic metric units</li> <li>• Common English &amp; metric conversions</li> <li>• <b>APPLICATION PROBLEMS</b></li> </ul> <p><b>Knowledge/skills assessment</b></p>
<b>Dec. 12 &amp; Dec. 13</b>	1:30 – 4:30p each day (3 hrs)	<b>Blueprints</b>
<b>Dec. 19 &amp; Dec. 20</b>	1:30 – 4:30p each day (3 hrs)	<b>Employment &amp; Communications</b>

Site visit date to be added.