



Fall 2023 Schedule

DATES	TIME	TOPIC / DETAILS
Sept. 18 & Sept. 19	1:30 – 4:30p each day (3 hrs)	<p>Orientation</p> <ul style="list-style-type: none"> • Safety 360 program intro, general safety rules, & expectations • Introduction to construction hazards, safety, & OSHA • OSHA poster, worker protections/rights, our safety responsibilities • Safety responsibilities – employers & workers • Reporting workplace hazards & injuries/illnesses <p>PPE (Personal Protective Equipment)</p> <ul style="list-style-type: none"> • Types & purpose of PPE • PPE requirements – OSHA & this facility • Selecting, inspecting, fitting, & caring for your PPE (ACTIVITY) <p>Emergency Preparedness, Sanitation, & Housekeeping</p> <ul style="list-style-type: none"> • Emergency preparedness (ACTIVITY) • Bloodborne pathogens & bodily fluids exposure/protection • Sanitation & housekeeping <p>Knowledge/skills assessment</p>
Sept. 25 & Sept. 26	1:30 – 4:30p each day (3 hrs)	<p>Ladder Safety</p> <ul style="list-style-type: none"> • Types of ladders & when they are needed • Ladder hazards • Selecting & inspecting ladders • Ladder set-up & use (ACTIVITY) <p>Fire Safety</p> <ul style="list-style-type: none"> • Fire hazards on a jobsite • Fire extinguishers – types; inspection; how to use (ACTIVITY) • What are flammables (liquids/gases) & necessary safety precautions • Fire watch – what it hot work, what is a fire watch; fire watch responsibilities <p>Chemical Safety & Silica</p> <ul style="list-style-type: none"> • What is a “hazardous chemical” & what types are on a jobsite • How chemical safety information is communicated to you • Understanding labels & pictograms • Safety Data Sheets – what they are; how to use them (ACTIVITY) • Chemical hygiene <p>Knowledge/skills assessment</p>
Oct. 2 & Oct. 3	1:30 – 4:30p each day (3 hrs)	<p>Fall Protection</p> <ul style="list-style-type: none"> • Fall hazards • What is fall protection • Types of fall protection (explanation, set-up, use) (ACTIVITY) • Harness components, inspection, fit, use, & care (ACTIVITY) • When fall protection is needed <p>Knowledge/skills assessment</p>
Oct. 16 & Oct. 17	1:30 – 4:30p each day (3 hrs)	<p>Electrical Safety</p> <ul style="list-style-type: none"> • Hazards of electricity; injury causes; common electrical hazards on a jobsite • Inspection of electric cords & tools; common fails; repair limitations (ACTIVITY) • Use & placement of cords • Overcurrent protection; effective grounding; ground fault protection (ACTIVITY)

		<ul style="list-style-type: none"> • Clearance around panels; restrictions/restricted areas • Lockout/tagout – what it is/purpose; when needed; hardware; how to do (ACTIVITY) • Hazards of exposed live conductors • Power line hazard awareness <p>Knowledge/skills assessment</p>
<p>Oct. 23 & Oct. 24</p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p>Scaffold Safety</p> <ul style="list-style-type: none"> • Types of scaffolds & related hazards • Frame & Baker scaffold components & inspecting them (ACTIVITY) • Frame & Baker scaffold set-up, use, & tear-down (ACTIVITY) <p>Confined Space Awareness</p> <ul style="list-style-type: none"> • What is a confined space & why they can be dangerous • What it takes to be able to enter a confined space safely • Confined space entry equipment (ACTIVITY) <p>Knowledge/skills assessment</p>
<p>Oct. 30 & Oct. 31</p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p>Hand & power tools</p> <ul style="list-style-type: none"> • Common hand & power tools you will use • Hazards associated with these tools • Necessary precautions (PPE; attire; loose hair/objects, guards, hand placement...) • Tool selection & inspection • Power tool guards & guard adjustment • Bit/blade/wheel selection & inspection • Proper use of common hand & power tools (ACTIVITY) • Special precautions for fuel-powered tools • Special precautions for powder-actuated tools
<p>Nov. 6 & Nov. 7</p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p>Manual Materials Handling</p> <ul style="list-style-type: none"> • Materials handling hazards & injuries • Back care/lifting safety (ACTIVITY) • Stacking materials • Tying common knots (ACTIVITY) • Using common materials handling equipment (ACTIVITY) • Signaling extensible boom forklifts (ACTIVITY) <p>Rigging</p> <ul style="list-style-type: none"> • What is rigging & hazards associated with it • Common rigging gear – types, inspection, general use (ACTIVITY) • Common sling hitches (ACTIVITY) • Rigging plans & safe rigging practices (ACTIVITY)
<p>Nov. 13 & Nov. 14</p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p>Motorized Equipment Safety</p> <ul style="list-style-type: none"> • Common pieces of motorized equipment on a jobsite; Hazards & hazard areas • Back-over prevention • Safety when working from aerial & scissors lifts (ACTIVITY) <p>Knowledge/skills assessment</p>
<p>Nov. 20 & Nov. 21</p>	<p>1:30 – 4:30p each day (3 hrs)</p>	<p>Excavation & Trench Safety</p> <ul style="list-style-type: none"> • Hazards of open excavations & trenches • Soil types & classifying soil (ACTIVITY) • Cave-in protection – what is it; types; when necessary; proper use • Hazards of buried utilities; OneCall markings • Safe access • Safety when working near traffic • Poor air quality hazards & necessary precautions <p>Jobsite Health Hazards</p> <ul style="list-style-type: none"> • Common jobsite health hazards (ACTIVITY) • Respirable crystalline silica – hazards & precautions • Heat/cold related injury hazards & prevention

		<ul style="list-style-type: none"> • Working safely with wet concrete • Mold, lead, asbestos, carbon monoxide, & H2S awareness <p>Managing Safety & Health</p> <ul style="list-style-type: none"> • Stop Work Authority • Safety programs & your involvement • Hazard prevention/control • Your role in an incident investigation <p>Knowledge/skills assessment</p>
Nov. 27 & Nov. 28	1:30 – 4:30p each day (3 hrs)	<p>Math</p> <ul style="list-style-type: none"> • Fractions & decimals (add/subtract/multiply/divide) • Percents & conversions btw fractions-decimals-percents • Perimeter, area, & volume calculations of basic shapes • Metric system & conversions between basic metric units • Common English & metric conversions • APPLICATION PROBLEMS <p>Knowledge/skills assessment</p>
Dec. 4 & Dec. 5	1:30 – 4:30p each day (3 hrs)	<p>Math</p> <ul style="list-style-type: none"> • Fractions & decimals (add/subtract/multiply/divide) • Percents & conversions btw fractions-decimals-percents • Perimeter, area, & volume calculations of basic shapes • Metric system & conversions between basic metric units • Common English & metric conversions • APPLICATION PROBLEMS <p>Knowledge/skills assessment</p>
Dec. 11 & Dec. 12	1:30 – 4:30p each day (3 hrs)	Blueprints
Dec. 18 & Dec. 19	1:30 – 4:30p each day (3 hrs)	Employment & Communications

Site visit date to be added.