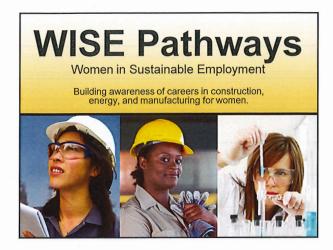
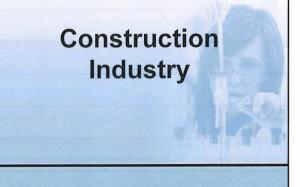
# Session 4--Presentation Thumbnails





# What is Construction?

The construction sector comprises establishments engaged in the construction of buildings or engineering projects (e.g. highways and utility systems) and includes new work, additions, alterations, or construction and repairs.

\*From the U.S. Census Bureau

# Electrician: What do you do?

- Diagnose malfunctioning systems, apparatus, or components, using test equipment and hand tools
- Direct or train workers to install, maintain, or repair electrical wiring, equipment, or fixtures

#### Carpenter: What do you do?

- Build or repair cabinets, doors, frameworks, floors, or other wooden fixtures used in buildings
- Remove damaged or defective parts or sections of structures and repair or replace
- Inspect ceiling or floor tile, wall coverings, siding, glass, or woodwork to detect broken or damaged structures

# Carpenter: What do you do?

- Study specifications in blueprints, sketches, or building plans to prepare project layout and determine dimensions and materials required
- Shape or cut materials to specified measurements
- Install structures or fixtures, such as windows, frames, floorings, trim, or hardware

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# Boilermaker: What do you do?

- Inspect and repair boiler fittings
- Study blueprints to determine locations, relationships, or dimensions of parts

# Construction Equipment Operator: What do you do?

- Adjust handwheels and depress pedals to control attachments
- Start engines, move throttles, switches, or levers, or depress pedals to operate machines
- Locate underground services
- Load and move dirt, rocks, equipment, or other materials

# Construction Equipment Operator: What do you do?

- Drive and maneuver equipment equipped with blades in successive passes over working areas to remove topsoil, vegetation, or rocks or to distribute and level earth or terrain
- Coordinate machine actions with other activities, positioning or moving loads in response to hand or audio signals from crew members

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#### What is the NCRC?

The ACT WorkKeys National Career Readiness Certificate (ACT WorkKeys NCRC®) is an assessment-based credential issued at four levels; Platinum, Gold, Silver, and Bronze. The NCRC measures and certifies the essential work skills needed for success in jobs across industries and occupations. With an NCRC, you can:

- Build confidence that your skills meet the needs of employer
- Show prospective employers concrete proof of the skills you
- Apply real-world use to coursework from the classroom
- Improve the opportunities for career changes and advancement
- Earn college credit at many institutions and reach academic goals more quickly

### NCRC: Qualifying for the Credential

- A multi-level credential
- Requires scores of Level 3 or higher on three assessments: Applied Math, Workplace Documents, Graphic Literacy

Level 3 or higher on each assessment

- Silver:

Level 4 or higher

- Gold:

Level 5 or higher

- Platinum:

Level 6 or higher

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