

Career Simulations Available at The Workforce Connection

HEALTH SCIENCE

| Name of simulation/Career Industry | Short Description | Length |
|------------------------------------|---------------------------|-----------|
| Registered Nurse | Help an Emergency Patient | 5 minutes |
| Surgical Technologist | Assist with Knee Surgery | 5 minutes |
| Emergency Medical Technician | Help at a car crash | 5 minutes |

ARCHITECTURE & CONSTRUCTION

| Name of simulation/Career Industry | Short Description | Length |
|------------------------------------|---|-----------|
| Distribution Line Worker | Restore power to a neighborhood | 5 minutes |
| Transmission Line Worker | Restore power to a neighborhood | 5 minutes |
| Broadband Tower Construction | Rebuild a destroyed communication tower | 5 minutes |
| Electricians | Fix power outage at a hospital | 5 minutes |
| Solar Technicians | Install a solar panel on a home | 5 minutes |
| Broadband Utility | Drill an underground system | 5 minutes |

INFORMATION TECHNOLOGY

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|--------------------|---------------------------|-----------|
| Network Technician | Fix an app service outage | 5 minutes |
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LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

| | | |
|------------------------------|-------------------------------|-----------|
| Emergency medical technician | Fix an app service outage | 5 minutes |
| First Responder | Operating a Fire Extinguisher | 8 minutes |

MANUFACTURING INDUSTRY

| Name of simulation/Career Industry | Short Description | Length |
|--|----------------------------------|------------|
| Semiconductor manufacturing technician | Find the contaminated microchips | 5 minutes |
| Welders | Fix a broken assembly line | 5 minutes |
| Robotics Specialist | Safety with Robotics | 10 minutes |

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|--------------------------------|---|------------|
| Paint Shop Specialist | Into to tools used for paint robots | 5 minutes |
| Robot Maintenance | Troubleshooting with paint robots – isolating leakage in the line | 10 minutes |
| Assemblers | Working with tools- pneumatic tools wrenches and screwdrivers | 14 minutes |
| Quality Assurance | Measurement with digital micrometers | 7 minutes |
| Maintenance and Repair Workers | Lockout and tagout procedures | 8 minutes |
| Maintenance and Sanitation | Blood borne pathogens | 8 minutes |
| Site Safety Specialist | Site safety – accidents and injury prevention | 18 minutes |

WAREHOUSING AND STORAGE

| Name of simulation/Career Industry | Short Description | Length |
|--|--|------------|
| Warehouse Inventory Receiving Specialist | Material Handling safely | 11 minutes |
| Warehouse Worker | Situational awareness with material handling | 6 minutes |
| Crane and Hoist Operator | Operating hoists and cranes with material handling | 22 minutes |

AUTOMOTIVE

| Name of simulation/Career Industry | Short Description | Length |
|------------------------------------|--------------------------|------------|
| Automotive Service Tech | Performing an Oil Change | 10 minutes |

HOSPITALITY & TOURISM

| Name of simulation/Career Industry | Short Description | Length |
|------------------------------------|---|------------|
| Hotel Front Desk | Checking in a guest – first impressions at a hotel front desk | 12 minutes |

SKILLED TRADES

| Name of simulation/Career Industry | Short Description | Length |
|------------------------------------|---|------------|
| Carpenter | Working with a circular saw – safety with power tools | 15 minutes |

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| Cabinet Maker/Finish Carpenter | Working with a miter saw – safety with power tools | 9 minutes |
| Electrician | Electrical safety , electrical shock, GFCI, and energy hazards | 10 minutes |
| Heating, Air Conditioning, and Air Refrigeration Mechanics and Installers | Using hand tools correctly | 15 minutes |
| Sheet Metal Workers | Nibblers – power tools and safety | 10 minutes |
| Machinists | Bench and pedestal grinders - power tools and safety | 15 minutes |
| Plumbers, Pipefitters and Steamfitters | Handheld grinders - power tools and safety | 13 minutes |
| Welders | Mig welding safety | 12 minutes |
| Metal Workers | Oxy-acetylene safety and welding | 12 minutes |