

The **Building Construction Technology** program technical standards have been developed to inform students of the nonacademic essential functions of the program and profession. Examples are not all inclusive.

Standard	Essential Function	Examples
Communication Oral / Written	<ul style="list-style-type: none"> • Skills sufficient to communicate information and ideas so others will understand 	<ul style="list-style-type: none"> • Communicate with coworkers and customers
Mobility / Motor Skills	<ul style="list-style-type: none"> • Motor skills sufficient to move the hands and use hands to grasp or manipulate objects • Mobility sufficient to perform physical activities that require considerable use of arms and legs and moving the whole body • Ability to work in varied spaces 	<ul style="list-style-type: none"> • Use hand tools and power tools • Physical activities may include: <ul style="list-style-type: none"> • Stooping • Crawling • Reaching • Squatting • Lifting • Bending • Balancing • Climbing • Work spaces may include extreme heights, crawlspaces, or confined spaces
Physical Strength and Stamina	<ul style="list-style-type: none"> • Ability to participate in an activity for long periods of time • Ability sufficient to lift and carry at least 50 pounds 	<ul style="list-style-type: none"> • Participate in project-related activity for up to six continuous hours • Lift and move building materials

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Sensory <ul style="list-style-type: none"> • Sight • Sound • Taste • Touch • Smell 	<ul style="list-style-type: none"> • Visual skills sufficient to see details at close range • Ability to distinguish colors, shades, and textures of various materials • Visual skills to inspect or assess for safety • Listening skills sufficient to communicate with others 	<ul style="list-style-type: none"> • View blueprints, sketches, schematic drawings • Read a tape measure • Inspect an area or piece of equipment for potential failures or safety issues • Hear others inside of an industrial shop or in the field by voice, loud speaker, phone, and/or two-way radio
Environmental / Occupational Exposure	<ul style="list-style-type: none"> • Possible exposure to extreme noise levels • Possible exposure to extreme weather • Possible exposure to dust, chemicals, and fumes 	<ul style="list-style-type: none"> • Work outdoors • Work with construction materials and tools
Field or Industry Professional Standards	<ul style="list-style-type: none"> • Safely operate tools and equipment • Wear safety equipment 	