

The **Horticulture** 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 grasp or manipulate objects Manual dexterity sufficient to handle small objects Mobility sufficient to perform physical activities that require considerable use of arms and legs and moving the whole body 	Use hand tools and power tools Physical activities may include: <ul style="list-style-type: none"> Standing for long periods Kneeling Reaching Squatting Lifting Bending Climbing Digging
Physical Strength and Stamina	<ul style="list-style-type: none"> Ability to perform an activity for long periods of time Ability to lift and carry at least 50 pounds Ability to perform repetitive tasks 	<ul style="list-style-type: none"> Perform physical tasks for an 8-hour workday Lift and move plant materials Lift and move bagged and bulk products Shovel and rake materials Handle a loaded wheelbarrow
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 use a hand lens or magnifying glass Ability to distinguish colors, shades, and textures of various materials Listening skills sufficient to communicate with others 	<ul style="list-style-type: none"> Read product labels and instruction, sketches, landscape plans Read a tape measure Survey an area for safety concerns Inspect plants for insects and disease symptoms Identify plant materials based on physical characteristics

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 outdoor power equipment• Work with horticultural chemicals• Work with dusty potting soils and amendments
Field or Industry Professional Standards	<ul style="list-style-type: none">• Safely operate tools and equipment• Wear safety equipment• Ability to obtain and maintain credentials	<ul style="list-style-type: none">• May need valid driver's license• Follow OSHA standards• Wear appropriate PPE• May be required to pass certification and / or licensure exams