North Carolina CTE

Horticulture II - Landscaping

EMPLOYABILITY AND BUSINESS SKILLS

1.00 Understand leadership and employability skills in the landscape industry. LC01.00

- 1.01 Understand leadership and worked-based learning skills used in the landscape industry. LC01.01
- 1.02 Recognize professional organizations and certifications available to those employed in the landscape industry. LC01.02

2.00 Apply procedures to perform calculations and to market landscape enterprises. LC02.00

- 2.01 Apply procedures to perform calculations used in estimates and quotes. LC02.01
- 2.02 Understand characteristics of effective marketing. LC02.02

LANDSCAPE DESIGN

3.00 Understand the processes used to select plants in the landscape industry. LC03.00

- 3.01 Recognize plants based on use. LC03.01
- 3.02 Understand factors used to select plants. LC03.02

4.00 Apply procedures to develop plans, estimates, and quotes. LC04.00

- 4.01 Remember elements and principles of design, irrigation system components and measurements, and symbols used to develop landscape and irrigation plans. LC04.01
- 4.02 Apply procedures to develop landscape and irrigation plans. LC04.02
- 4.03 Remember key terms, abilities needed, and items included in estimates and quotes for landscape and/or irrigation plans. LC04.03

LANDSCAPE INSTALLATION AND MAINTENANCE

5.00 Apply procedures to install landscapes. LC05.00

- 5.01 Remember the uses for materials and hand tools used to install landscapes. LC05.01
- 5.02 Apply procedures to use equipment to install landscapes. LC05.02
- 5.03 Apply procedures to install turfgrass. LC05.03
- 5.04 Understand procedures used to plant, stake/guy, and mulch landscape plants. LC05.04
- 5.05 Apply procedures to incorporate hardscapes into landscapes. LC05.05

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6.00 Apply procedures to maintain landscapes and landscape equipment. LC06.00

- 6.01 Apply procedures to prune, fertilize, and mulch landscape plants. LC06.01
- 6.02 Understand pests and their control in landscapes. LC06.02
- 6.03 Apply procedures to maintain turfgrass. LC06.03
- 6.04 Apply procedures to maintain landscape equipment and tools LC06.04