

## Landscaping and Turf grass Standards

### Introduction to Landscaping and Turf Management

1. Gather and analyze labor data. . Develop a resume.
2. Explain general occupational and horticulture industry safety standards. Identify commonly used machinery and equipment. Complete required safety tests with 100 percent accuracy.

### Tree and Shrub Selection and Maintenance

3. Develop illustrative models that identify the basic parts of trees and shrubs.
4. summarize methods for general care and maintenance of trees and shrubs, including planting, pruning, mulching, and fertilizing techniques

### Plant Selection and Maintenance

5. Visually identify and distinguish among common ground cover, vines, and plants used for landscaping.
6. Assess methods for general care and maintenance of ground cover, vines, and plants, including planting, pruning, mulching, and fertilizing techniques

### Turf Grass Selection and Maintenance

7. Compare and contrast the functions and components of turf grasses of common turf grass species.
8. Describe methods for the establishment and maintenance of turf grasses, including soil preparation, installation, water, nutrient and pH needs, and fertilizing techniques.
9. Compare special management needs of residential, commercial, and sports turf.

### Commercial Interior Plantscaping

10. Identify and classify basic ornamental flowers and plants (i.e. potted, cut) used for the commercial interior plantscape, and summarize their propagation, installation techniques, and maintenance requirements.
11. Identify and recommend effective management practices for the interior environment, including light, humidity, growing media, and disease and pest control.

### Pest Management

12. Identify and compare the common landscape and turf grass pests and their respective prevention and control methods. Categorize the basic types of pesticides and describe their application methods.
13. Demonstrate in a live setting or in a presentation the ability to properly mix and apply pesticides precisely.

## Water Management

14. Develop a written resource describing the seven principles of xeriscaping
15. Examine the various types of water gardens and pools and their applications for landscape Enhancement.
16. Compare and contrast different irrigation systems and summarize their advantages and disadvantages. Identify irrigation tools and system components and their function or application
17. Design an irrigation system for a residential landscape

## Landscape Design

18. Interpret topographical and soil maps to evaluate site suitability.
19. Develop a list of tools and skills necessary for drafting landscape designs
20. Explore landscape design principles to outline the components of a comprehensive landscape design plan.

## Business Principles of Landscaping and Turf Management

21. Compare and contrast different business models.
22. Using industry-specific terminology, explain the process for preparing a price estimate for landscape designs and packages.