

# Landscaping Maintenance

## Course 375: Landscaping Maintenance

Covers the major features of landscaping maintenance, from the basics of how plants develop to recognizing diseases and parasites. Details the selection and care of trees, ground covers, flowers, and grasses.

TPC Training Systems is accredited by IACET to offer **0.5 CEU** for this program.



### Lesson 1: Basic Plant Care

#### Topics

The Need for Plant Identification; Structure of a Plant; Plants Need Soil; Organic Matter in Soils; Acidity and Alkalinity of Soils; Plants Need Water; Plants Need Nutrients; Macronutrients; Micronutrients; Plants Need Proper Temperatures; Soil Temperatures; Plants Need Air; Plants Need Light

#### Objectives

- Explain the importance of understanding and using a uniform plant identification system, and name the classifications into which plants are grouped.
- List six essentials of plant life.
- Describe the pH scale and tell how the acidity or alkalinity of a soil affects plant growth.
- Tell how to recognize the symptoms of overwatering and underwatering.
- Name at least four nutrients plants need, explain why is needed, and tell how to recognize a lack of overabundance of each.

### Lesson 2: Shade Trees

#### Topics

Tree Shapes and Sizes; Tree Textures; Tree Colors; Hardiness; Growth Rates; Handling Nursery Stock; Transporting Nursery Stock; Storing Trees; Planting Trees; Watering Trees; Pruning Trees; Fertilizing Trees; Safety Procedures

#### Objectives

- Give examples of the following: course-textured, medium-textured, and fine-textured trees.
- Describe the three ways in which nursery stock is normally offered for sale.
- List and explain the five steps involved in planting a landscape tree.
- Tell why trees may require pruning and describe the two basic pruning cuts.
- Summarize the safety rules that apply when doing tree maintenance work.

### Lesson 3: Turf Management

#### Topics

Grass and Turf; Cool Season Grasses; Warm Season Grasses; Mowing Turf; Fertilizing Turf; Watering Turf; Light and Shade; Seeding; Sodding; Plugging; Sprigging and Stolonizing; Pests and Weeds

#### Objectives

- Tell how lawns and grass plants differ from other types of landscape plants.
- Define and give examples of cool season grasses and warm season grasses.
- Discuss the importance of proper mowing.
- List three things to keep in mind when watering turf.
- Describe how to establish turf by plugging and discuss the advantages and disadvantages of this method.

### Lesson 4: Shrub and Flower Care

#### Topics

Characteristics of Shrubs; Major Types of Shrubs; Hedges; Planting Shrubs; Care of Shrubs; Pruning Shrubs; Pruning Tips; Ground Covers; Vines; Flowers; Annuals; Biennials; Perennials; Bulbs, Corms, and Tubers

#### Objectives

- List several things to consider when selecting shrubs.
- Explain the different kinds of pruning required by different kinds of shrubs—for example, spring-flowering shrubs, roses, narrow-leaved evergreens, and hedges.
- Explain how to plant and care for vines.
- Name and define the three classes into which flowers fall.
- Give several examples of hardy bulbs and tender bulbs and compare and contrast the methods of care each requires.

### Lesson 5: Pest and Disease Control

#### Topics

Viruses; Bacteria; Fungi; Insects; Galls; Weeds; Pesticides; Origins of Pesticides; Choosing a Pesticide; Pesticides Come in Many Forms; Spraying Equipment; Other Equipment for Pest and Weed Control; Using Pesticides Safely; In Case of Accidents

#### Objectives

- Recognize fungi and the symptoms of bacteria disease and tell how to control them.
- Identify several living things that help control insects.
- Name several different kinds of pesticides and the ways in which they work.
- Explain the different kinds of pesticides and the ways in which they work.
- List several things to consider when choosing where each is used.
- Describe some of the many forms in which pesticides come and ways in which they are applied.