

Standards and Competencies for Landscaping & Turf Manage (Course # 5163)

	Begin-End Yr
Standard 1 - Specify correct procedures for handling pesticides and using general safety practices in the landscaping and turf industry.	2009 -
1.1 - Follow industry safety standards related to the landscaping and turf industry.	2009 -
1.2 - Evaluate proper chemical/pesticide safety standards.	2009 -
1.3 - Assess the purpose of worker protection standards.	2009 -
1.4 - Compare the uses and types of chemicals used with landscaping and turf grasses.	2009 -
1.5 - Complete safety test with 100 percent accuracy.	2009 -
1.6 - Obtain the worker protection standards student industry certification.	2009 -
Standard 2 - Analyze the meaning and purpose of landscaping, the skills required for construction and maintenance of a landscape.	2009 -
2.1 - Evaluate job opportunities available in landscaping and turf grass management.	2009 -
2.2 - Select equipment that would be used in a landscaping business.	2009 -
2.3 - Assess interpersonal, business and technical skills needed in landscaping.	2009 -
2.4 - Read a topographical and soil map to determine land suitability for plants.	2009 -
2.5 - Discuss basic principles for the proper care of a landscape after its installation.	2009 -
2.6 - Determine pest control methods for landscape plants after installation.	2009 -
Standard 3 - Evaluate business concepts needed in a landscaping business.	2009 -
3.1 - Compare three legal forms of business operation.	2009 -
3.2 - Examine components of a business in landscaping.	2009 -
3.3 - Evaluate skills and resources needed in starting a small business.	2009 -
Standard 4 - Select the proper trees and shrubs to use and maintain in a landscape.	2009 -
4.1 - Select trees and shrubs for a specific area in a landscape or hardiness zone.	2009 -
4.2 - Evaluate planting techniques for trees and shrubs.	2009 -
4.3 - Assess types of mulches and fertilizers available for trees and shrubs.	2009 -
4.4 - Distinguish between bare-root, ball and burlap, and containerized trees and shrubs.	2009 -
4.5 - Diagram the basic parts of a tree and a shrub.	2009 -
4.6 - Evaluate techniques for pruning and caring for trees and shrubs.	2009 -
Standard 5 - Evaluate the use of various ground covers, vines and other landscape plants.	2009 -
5.1 - Distinguish between ground covers and vines.	2009 -
5.2 - Evaluate and explain methods of installing vines and ground covers.	2009 -
5.3 - Illustrate how vines and ground covers solve special landscape problems.	2009 -
5.4 - Distinguish between perennials, annuals and biennials.	2009 -
Standard 6 - Investigate different aspects of management of turf grasses.	2009 -
6.1 - Evaluate the functions and components of a turf grass.	2009 -
6.2 - Evaluate different turf grasses as they are adapted to particular hardiness zones.	2009 -
6.3 - Determine site selection and preparation for turf grass establishment.	2009 -
6.4 - Evaluate the methods of lawn installation.	2009 -
6.5 - Determine pH and nutrient needs for turf grass establishment and maintenance.	2009 -
6.6 - Identify equipment needed to install and maintain turf.	2009 -
6.7 - Identify common pests of turf grass.	2009 -
6.8 - Determine pest control methods for the maintenance of turf grass.	2009 -
6.9 - Evaluate special needs in the management of residential, commercial, and sports turf.	2009 -
Standard 7 - Apply art concepts to various landscape designs.	2009 -
7.1 - Determine and explain the functions of basic drafting tools, including computer design programs.	2009 -
7.2 - Draw and compare the different styles of lettering and symbols used in landscaping.	2009 -
7.3 - Use instruments needed for landscape designing.	2009 -
7.4 - Analyze a proposed landscape site's suitability for plants and develop a design for it.	2009 -
7.5 - Evaluate and explain the outdoor room concept.	2009 -
7.6 - Evaluate and explain landscape design principles.	2009 -
7.7 - Prepare a landscape plan for construction.	2009 -
Standard 8 - Assess cost estimates for various landscape designs and packages.	2009 -
8.1 - Compare the differences between wholesale merchandise, retail merchandise, an estimate, and a bid.	2009 -
8.2 - Prepare a maintenance-cost analysis for a landscaping project.	2009 -
8.3 - Determine the components of a price estimate for a landscaping project.	2009 -
Standard 9 - Evaluate the use of water in landscaping.	2009 -
9.1 - Evaluate and explain the advantages and disadvantages of different types of irrigation systems.	2009 -
9.2 - Design an irrigation system for a residential landscape.	2009 -
9.3 - Identify components and tools of an irrigation system.	2009 -
9.4 - List and explain the seven principles of xeriscaping.	2009 -
9.5 - Explore the various types of water gardens and pools.	2009 -
Standard 10 - Develop premier leadership and personal growth to strengthen landscaping skills.	2009 -
10.1 - Prepare a six-to-eight-minute presentation and answer questions on some aspect of landscaping.	2009 -
10.2 - Develop a simulated supervised agricultural experience program using a landscaping business.	2009 -
10.3 - Prepare a short four-to-five-minute presentation simulating the explanation of concepts to a tour group.	2009 -
10.4 - Compare the advantages and disadvantages of new technology used in the landscaping industry.	2009 -