

Smartscape Español SPRING 2012

Classes are held every Tuesday and Thursday for nine consecutive sessions from 3:30 - 6:00 p.m.

Participants must register and attend all sessions to receive a Certificate of Completion. Registration is on a first come, first serve basis with preference given to Green Industry personnel in the Tucson Water Service Area. **Please call the SmartScape Program at the Pima County Cooperative Extension office at 626-5161 for further information.**

Date	Class Title	Class Description
April 3	Soils, Plants, and Water	This class is basic to understanding the dynamic relationships of soils, plants, and water and is the foundation course of the SmartScape Professional Series. Instruction focuses on soil texture and structure and how it affects water movement, infiltration rates and water holding capacity. Mechanisms that plants use to regulate water use are also discussed.
April 5	Desert-Adapted Plants	This class identifies many of Tucson's common desert landscape plants and provides basic discussion of their traits that make them suitable for the urban and suburban landscape. Specific characteristics such as flower color, seasonality, size, and hardiness, as well as maintenance specifications and other considerations are also presented.
April 10	Irrigation & Controllers	This class discusses various common irrigation systems and focuses on designing, installing, and program scheduling a drip irrigation system. Maintenance and troubleshooting are also discussed.
April 12	Pest Management	Participants will learn about some of the important insects that affect landscape plants. Integrated Pest Management and cultural controls will be discussed. Participants will also learn how to control common landscape weeds.
April 17	Xeriscape Landscape Design	This class focuses on the principles and concepts of designing and installing a landscape. Special attention is given to Xeriscape landscaping and renovating an existing landscape from high-water use to low-water use.
April 19	Plant Selection & Installation	This workshop focuses on factors that should be considered when selecting plants and planting landscape plants. Participants will learn how to choose healthy plants from a nursery and how to correctly install the new plants.
April 24	Pruning & Fertilizers	This workshop divides desert-plant maintenance into two categories - pruning and fertilizing. All pruning instruction is based on International Society of Arboriculture guidelines and uses pictorial slides and actual samples to illustrate the speaker's main points. The fertilizing portion of the workshop focuses on plant needs for macro- and micronutrients, determining correct fertilizers to use and calculating the appropriate quantities of fertilizers to purchase and apply.
April 26	Landscape Water Management	This class focuses on reducing water waste through efficient irrigation. Participants learn about irrigation scheduling, irrigation techniques and proper cultural practices and reiterates factors taught throughout the series that influence plant water use in landscape.
May 1	Plant Disorders	Participants will learn about some of the important disease organisms that affect landscape plants. Integrated Pest Management and cultural controls will be discussed.

Smartscape Español FALL 2012

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Date	Class Title	Class Description
October 2	Soils, Plants & Water	This class is basic to understanding the dynamic relationships of soils, plants, and water and is the foundation course of the SmartScape Professional Series. Instruction focuses on soil texture and structure and how it affects water movement, infiltration rates and water holding capacity. Mechanisms that plants use to regulate water use are also discussed.
October 4	Desert-Adapted Plants	This class identifies many of Tucson's common desert landscape plants and provides basic discussion of their traits that make them suitable for the urban and suburban landscape. Specific characteristics such as flower color, seasonality, size, and hardiness, as well as maintenance specifications and other considerations are also presented.
October 9	Irrigation & Controllers	This class discusses various common irrigation systems and focuses on designing, installing, and program scheduling a drip irrigation system. Maintenance and troubleshooting are also discussed.
October 11	Pest Management	Participants will learn about some of the important insects that affect landscape plants. Integrated Pest Management and cultural controls will be discussed. Participants will also learn how to control common landscape weeds.
October 16	Xeriscape Landscape Design	This class focuses on the principles and concepts of designing and installing a landscape. Special attention is given to Xeriscape landscaping and renovating an existing landscape from high-water use to low-water use.
October 18	Plant Selection & Installation	This workshop focuses on factors that should be considered when selecting plants and planting landscape plants. Participants will learn how to choose healthy plants from a nursery and how to correctly install the new plants.
October 23	Pruning & Fertilizers	This workshop divides desert-plant maintenance into two categories - pruning and fertilizing. All pruning instruction is based on International Society of Arboriculture guidelines and uses pictorial slides and actual samples to illustrate the speaker's main points. The fertilizing portion of the workshop focuses on plant needs for macro- and micronutrients, determining correct fertilizers to use and calculating the appropriate quantities of fertilizers to purchase and apply.
October 25	Landscape Water Management	This class focuses on reducing water waste through efficient irrigation. Participants learn about irrigation scheduling, irrigation techniques and proper cultural practices and reiterates factors taught throughout the series that influence plant water use in landscape.
October 30	Plant Disorders	Participants will learn about some of the important disease organisms that affect landscape plants. Integrated Pest Management and cultural controls will be discussed.