

The 2017 Tree Steward Course Registration Form

Name: _____

Address: _____

City: _____ State: _____

Zip Code: _____

Telephone: Day _____

Evening _____

Email: _____

General Information:

- The deadline for returning the completed registration form and check is March 27, 2017
- The \$125.00 fee includes a course manual.
 - Please make checks payable to:
Treasurer, Virginia Tech
 - Mail completed form and fee to:

Virginia Cooperative Extension
Stafford County Office
P.O. Box 339
Stafford, VA 22555-0339

For more information please call Guy Mussey at
540-658-8000 ext. 1058



Who are We?

We are the Virginia Cooperative Extension Program! A federal, state and locally funded program which helps people improve their lives through an educational process that uses scientific knowledge focused on practical needs and issues.

Visit us on the Web at
www.ext.vt.edu

**A background check is
required to become a Tree
Steward volunteer**



If you are a person with a disability and desire assistance or accommodation, please notify the Stafford Extension Office at (540)658-8000 during the business hours of 8:00am-4:30pm, Monday-Friday, five (5) days prior to the event.

 **Virginia
Cooperative
Extension**
Virginia Tech • Virginia State University
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Presents

The 2017 Tree Steward Course



A 7 week course for all
interested in learning more
about trees

April 3 through May 15

Monday and Wednesday
Mornings from 9:00-Noon

Stafford County Extension Office
1739 Jefferson Davis Highway
Stafford, VA

Registration Deadline is

March 27, 2017

The 2017 Tree Steward Course

The 2017 Tree Steward Course Overview

The 2017 Tree Steward Course consists of 13 consecutive 3 hour sessions which will take place on Monday and Wednesday mornings, from April 3 through May 15, from 9:00 AM until noon.

The topics to be covered are:

April 3: How Trees Grow

April 5: Tree Roots, Shoots and Leaves and Soils and Water

April 10: Tree Life Functions

April 12: Tree ID and Propagation

April 17: Tree Pruning

April 19: Selection, Planting and Care of Trees

April 24: Tree Problems, Disorders & Diagnosis

April 26: Trees in the Community, Riparian Buffers, and Trees and Utility Lines

May 1: Pesticide Safety/IPM

May 3: Tree ID Walk @ University of Mary Washington

May 8: Tree ID Walk @ University of Mary Washington

May 10: Tree ID and Tree Problem Walk at Rowser

May 15: Tree Steward Projects and Farewell

There will be a final exam distributed on May 1 and collected on May 8

To register send the attached form, along with the \$125.00 course fee, to VCE-Stafford at the address on the registration panel.

How Trees Grow

This section covers the microbiology of trees, how they grow, the growth cycles, how trees are wounded and how trees compartmentalize the wounded site.

Tree Roots, Shoots, Leaves and Soils & Water

The body of a tree relies on three main systems. The underground root system anchors the tree and conducts a complex process for obtaining water and nutrient resources. Above ground, the shoot system develops stems, leaves, flowers and fruit, providing nutrition, respiration and reproduction and the leaf system supports photosynthesis and respiration.

Tree Life Functions

Before you can work with a tree you need to understand how it lives in concert with the rest of its environment. Here we will discuss the factors that govern the growth of a tree.

Tree ID and Propagation

Here we will learn to use tree ID keys, leaf characteristics, scientific naming, tree reproduction and the roles that nurseries play in the development of trees.

Tree Pruning

Learn the priorities, basics, timing, and the correct tools to use when pruning a tree.

Selection, Planting and Care of Trees

What is the right tree to plant in the spot you have picked out? How to go about preparing the planting site. The early and on-going maintenance needs of your tree.

Tree Problems, Disorders and Diagnosis

What's wrong with my tree? How does one go about evaluating the issue, collect samples and address the needs of the tree?

Trees In the Community, Riparian Buffers, and Trees and Utility Lines

There are special conditions that must be considered before you select a tree to plant in an urban area, alongside a stream or river bed, or beneath a utility line.

Pesticide Safety and IPM

Here you will learn how to identify the right solution to correct your trees issues and how to use/apply pesticides to address these issues.

Tree ID Walks

The class will take three tree Identification walks to apply the knowledge that you have gained in the classroom and the handout materials to correctly identify trees in the outdoors.