

2010 Horticulture School 30 Hours course for Categories 3a, 3b and 25

Sess.	DATE	TIME	LENGTH	TOPIC	CATE-GORY	CREDIT HRS
1	Tuesday January 19	Morning 9:00 am to 12:15 pm	3 hours	DEC Rules and Regulations, Updates – Gail Mortimer, Mike Searles, NYS DEC, Pesticide Control Specialists. Learn the rules and regulations required to become a certified pesticide applicator. Take a detailed look at the requirements for record keeping and reporting. A mock inspection will prepare the applicator for questions asked and information required at an on-site inspection by DEC staff.	CORE	3.00
2	Tuesday January 19	Afternoon 1:00 pm to 4:15 pm 30-hour optional	3 hours	An Introduction to Soils and Fertilization - Franz Seischab, PhD. Professor Emeritus, Rochester Institute of Technology and CCE Master Gardener, Learn the chemical and physical properties of soil and how they affect plant growth. Benefits and limitations of using soil amendments will also be addressed.	3a,3b,3c 24,25	1.50
3	Thursday January 21	Morning 9:00 am to 12:15 pm	3 hours	Basic Entomology - Carolyn Klass, Cornell University Dept. of Entomology. Correct identification of insect pests is crucial. This class will show the ways to ID and gain an understanding of lifecycle, feeding patterns, and damage to plants and structures.	CORE	3.00
4	Thursday January 21	Afternoon 1:00 pm to 4:15 pm	3 hours	Water Quality: Ecology and Environmental Considerations of Pesticides and Fertilizers - Andy Sansone, Monroe County DES. Explore the route that contaminants take through the local storm water system. Learn about pollutant monitoring in our waterways, EPA rules and regulations concerning storm water and water quality, local solutions for pesticide and nutrient pollution in our water.	CORE	3.00
5	Tuesday January 26	Morning 9:00 am to 12:15 pm	3 hours	Basic Botany – Franz Sieschab, Professor Emeritus, R.I.T and CCE Master Gardener Knowing how to differentiate between plant structure, foliage, flowers, etc, to make correct plant identification, is key in plant management. Correct ID leads to correct treatment.	3a,3b,3c 24,25	1.50
6	Tuesday January 26	Afternoon 1:00 pm to 4:15 pm	3 hours	Pesticide Education I – Walter Nelson, Monroe County CCE, Horticulture Program Leader, This session will cover pesticide types, their formulation and toxicity, calibration including calculations and mixing and environmental considerations of pesticide use.	CORE	3.00
7	Thursday January 28	Morning 9:00 am to 12:15 pm 30-hour optional	3 hours	Intro to Turfgrass – Walt Nelson, Monroe County CCE, This class will cover what it takes to grow a healthy turf and discuss the importance of linking expectations about lawn quality with appropriate management practices.	3a,3b, 25	2.00
8	Thursday January 28	Afternoon 1:00 pm to 4:15 pm	3 hours	Turfgrass Pests – Dan Peck, NYSAES Geneva, Dept. of Entomology. This session will help participants gain an understanding of turf insects and their management through development of skills in insect identification, scouting, monitoring, and traditional and alternative control options. Report of new pests in NYS.	3a,3b,9, 25	3.00
9	Tuesday February 2	Morning 9:00 am to 12:15 pm	3 hours	Pesticide Education II – Walter Nelson, Monroe County CCE, This session will cover pesticide security including proper transportation, storage and proper disposal, safety precaution issues including poisoning symptoms, residue and tolerance. Fundamental concepts of Integrated Pest Management will be presented.	CORE	3.00
10	Tuesday February 2	Afternoon 1:00 pm to 4:15 pm	3 hours	Plant Pathology – Brian Eshenaur, NYS IPM, Ornamentals Educator This class will cover the symptoms, causes and types of plant diseases. Various methods will be discussed that can be used to control bacteria, fungi and viruses that attack plants.	3a,3b,3c 9,24,25	3.00

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11	Thursday February 4	Morning 9:00 am to 12:15 pm 30-hour optional	3 hours	Trees and Shrubs, Site selection, planting and pruning - – Franz Sieschab, Professor Emeritus, R. I. T, and CCE Master Gardener, Site Assessment, planting, and maintenance of woody plants. Will cover fertilization and monitoring insect and disease problems. Pruning techniques will also be discussed.	3a,25	2.00
12	Thursday February 4	Afternoon 1:00 pm to 4:15 pm 30-hour optional	3 hours	Nuisance Wildlife – Paul Curtis, Cornell University Dept. of Natural Resources. The session will address the wide variety of wildlife pests in our area. The latest strategies for management will be discussed, as well as current regulations for trapping and removal.	3a,25	1.00
13	Tuesday February 9	Morning 9:00 am to 12:15 pm	3 hours	Weed Management in the Landscape – Liz Berkeley, CCE Monroe County, Diagnostic Lab, Weed identification is crucial to insure appropriate control measures. Both cultural and pesticide controls will be discussed. Lecture and hands-on sessions	3a,3b, 25	3.00
14	Tuesday Feb. 16	Morning 9:00a.m to 12:15 p.m.	3 hours	Personal Protective Equipment and Interpreting Pesticide and Fertilizer Labels - Ron Gardner, Cornell University, Department of Entomology. Personal safety is paramount when using pesticides. This session will describe what is and what isn't appropriate for use. Reading a label correctly is critical both to making an effective application and to protect people and the environment by preventing misuse of product.	CORE	3.00
15	Thursday Feb 18th	Morning 9:00a.m to 12:15 p.m.	3 hours	Intro to IPM (1.5hrs) and Structural Pest IPM (1.5 hrs) Lynn Braband, NYS IPM, Community Extension Area Educator, What are the principles of Integrated Pest Management and how can they be implemented in the home landscape. What are the common indoor pests and how can they be excluded and controlled and/or eliminated.	CORE 7a	1.50 1.50
	Friday Feb 19th	Afternoon 1:00 p.m. until ...		DEC EXAM (see below)		

Morning classes will run from 9 am to 12:15 pm with a fifteen minute break at 10:15.

Afternoon classes will run from 1:00 pm to 4:15 pm with a fifteen minute break at 3:00.

FOR 2010:

The New York State Department of Environmental Conservation requires:

- **30-hour students may miss and make up only ONE class of the required sessions.**
- **Late-comers will not be permitted to sign the roster or receive credits.**
- **Recertification students are required to attend entire class session to receive credits.**
- **Any student needing to leave the room at any time during class will be asked to sign out and in on a time sheet.**
- **Phone calls and text messages are to be used for emergencies only.**
- **A check for \$100 is the ONLY form of payment accepted for the exam on Feb 19th.**

These requirements will be followed by CCE staff. We thank you for your cooperation.