

6) **AEM Tier 2 for Vegetables**

LIMIT: Min – 5, Max - 25

CLASS & FIELD

Instructors: Lenny Prezorski, Shawn Murphy

The AEM “specialty” worksheets recognize that different sectors of agriculture have their own set of environmental risks associated with them. In the AEM Tier 2 for Vegetables class, students will learn some of the common practices vegetables growers use throughout the year. Participants will visit a vegetable farm and review the Tier 2 Vegetable Farm Worksheet with an active grower. The focus of this class will be to discuss the relevance of these questions to both the environment and the grower.

7) **Construction Materials**

LIMIT: Min – 5, Max - 30

CLASS & FIELD

Instructors: Rich Noll (ADS Rep), To be determined

Are you just starting out designing BMPs and are unsure about the common materials used, such as pipe, stone and fabric? Are you a seasoned technician who is still recommending installation of clay tile? If so, then Construction Materials is the class for you. See different types of pipe and fill materials, find out when to use them, where to use them, how to use them, and how much they cost to purchase/ install when developing your estimates.

8) **Critical Area Seeding**

LIMIT: Min – 5, Max - 25

CLASS & FIELD

Instructors: Paul Salon, Stan Boots

Come learn about choosing the correct seed varieties (and rates) for varying soil/site conditions, soil amendments to apply to achieve desired successes and results, and different seed application technology for applying seed/soil amendments, and cost for revegetating exposed soil.

9) **Runoff Hydrology**

LIMIT: Min – 8, Max - 25

CLASS & FIELD

Instructors: Rick Rinaldo

Instruction on the terminology and methods used to generate surface runoff quantities and flow rates in rural agricultural land and stormwater sites. Upon completion, students should be capable of calculating and understanding the volume of runoff and peak discharge of various storm events using methods approved by NRCS.

10) **VTA Evaluation**

LIMIT: Min – 10, Max - 40

CLASS & FIELD

Instructors: Bob Brower, Dana Chapman

A one-day course, a combination of classroom and in-field training on how to evaluate the condition and function of an existing Vegetated Treatment Areas utilizing the AEM tool as well as how to get it certified by a PE. The classroom portion will cover the explanation of the tool and the science behind it and the outdoor session will cover how to perform the evaluation under the guidance of a Licensed Engineer.

11) **Basic Soils**

LIMIT: Min – 10, Max - 40

CLASS & FIELD

Instructors: Larry Day, Steve Page

Conservation professionals routinely use soil information from both soil surveys and various mechanical tests, often without realizing important distinctions between tests or classification methods. This course provides an overview and introduction to relevant soils topics and will help clarify these distinctions. Part I (Steve Page) will focus on how soil survey information is collected, mapped and interpreted, while part 2 (Larry Day) will focus on construction and engineering interpretations. A field exercise is expected; proper attire—including field boots—is recommended.

12) **Farm Safety**

LIMIT: Min – 5, Max - 25

CLASS & FIELD

Instructors: James Carrabba, Jim Flint, Ron Williams

Come learn about digging safely (as related to underground utilities), Manure Storages and Silos and the deadly gases that exist in these confined spaces, Grain Bins and the entrapment hazards, PTO entanglement, as well as Trench Safety. Please come prepared to see mock demonstrations and actual video footage of what happens to people (and equipment) when safety precautions are not taken when dealing with these common, everyday hazards on the farm, construction site, and at home.

13) **Green Infrastructure**

LIMIT: Min – 10, Max - 25

CLASS & FIELD

Instructors: Ellen Hahn

Everyone's talking about Green Infrastructure these days – rain gardens, green roofs, rain barrels, cisterns, bioretention, and more. This course will focus on the new Green Infrastructure and Runoff Reduction practices in the NYS Stormwater Management Design Manual and how Soil and Water Conservation Districts can become involved in designing and implementing these stormwater management practices. We will also briefly discuss how the new requirements affect proposed construction projects.

14) **AEM Tier 2 for Tree Fruit**

LIMIT: Min – 5, Max - 25

CLASS & FIELD

Instructors: Alan Masters, Eric Jensen

The AEM "specialty" worksheets recognize that different sectors of agriculture have their own set of environmental risks associated with them. In the AEM Tier 2 for Tree Fruit class, students will learn some of the common practices orchard growers use throughout the year. Participants will visit an orchard and review the Tier 2 Tree Fruit Worksheet with an active producer. The focus of this class will be to discuss the relevance of these questions to both the environment and the grower.

15) **Getting Districts into Forest Management**

LIMIT: Min – 5, Max - 25

CLASS & FIELD

Instructors: Dawn Howard/Russell Martin, Brian Wohnsiedler/Gary Eddy, John DeHollander/Joe Chairvolotti

Many SWCD's are considering diversifying the programs that they offer in their County's by providing forest management services, managing parks and picnic areas, and Trail Coordination on County Land for multi-use purposes. Come learn how these SWCDs began their programs, what is involved, the up's and down's associated with a Forest Management program, and where these SWCD's are going with their programs in the future.

Field trips and off site classroom locations will require transportation – be prepared to drive or carpool.

Be prepared for unpredictable fall weather.

Off site locations will be provided prior to the beginning of the session.

CCA CEU credit approval is pending for certain classes.

2011 Conservation Skills Workshop

	Monday Sept. 26	Tuesday Sept. 27	Wednesday Sept. 28	Thursday Sept. 29	Friday Sept. 30
8:30 AM – 12:00	(1) New Employee Orientation w/ Lunch 9:30 AM START	(2) Basic Surveying (3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (7) Construction Materials (8) Critical Area Seeding	(2) Basic Surveying (3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (9) Runoff Hydrology (10) VTA Evaluation	(3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (11) Basic Soils (12) Farm Safety (13) Green Infrastructure	(3) Survey, Field to Finish (11) Basic Soils (14) AEM Tier 2 for Tree Fruit (15) Getting Districts into Forest Management
Lunch 12 – 1	Lunch on Own	Lunch on Own	Lunch on Own	Lunch on Own	Lunch on Own
1:00 - 4:30 PM	(2) Basic Surveying (3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (5) Invasive Species (6) AEM Tier 2 for Vegetables	(2) Basic Surveying (3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (7) Construction Materials (8) Critical Area Seeding	(3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (9) Runoff Hydrology (10) VTA Evaluation (11) Basic Soils	(3) Survey, Field to Finish (4) AEM 3a Conservation Planning for Farmstead, Cropland & Pasture (11) Basic Soils (12) Farm Safety (13) Green Infrastructure	DEPARTURE

Note: Some of these courses have time frames that overlap. If you wish to take more than one course during the week, please check to make sure that your choices do **not** overlap.

DIRECTIONS: Take Interstate 81 to Exit 11. At the end of the Exit, turn towards the Business District (restaurants). At the second light turn right onto Clinton Ave. Go about 100 yards and turn right into the NY State Grange Building driveway and right into the parking lot. The District Office is located on the second floor, in room 202.

LODGING: Available at the Ramada [(607) 756-4431], Comfort Inn [(607) 753-7721], Quality Inn [(607) 756-5622], Econo-Lodge[(607) 756-2856], and Hampton Inn [(607) 662-0007)] right off Exit 11 of Interstate 81. **You are responsible for making your own lodging arrangements.** There are rooms available at each hotel for the Conservation Skills Workshop. Please mention the workshop when making your reservation.

DINING: All meals for the workshop are on your own, except for lunch on Monday for the New Employee Orientation participants. Participants should be prepared for lunch in the field if site visits are necessary.

REGISTRATION FORM

2011 CONSERVATION SKILLS WORKSHOP

Cost is \$10.00 per person

Please Use a Separate Sheet for Each Attendee

Registration Deadline 9/16/11

Name: _____

Employer: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

IF NRCS OR DISTRICT EMPLOYEE - Supervisor Signature: _____

PLEASE CIRCLE COURSE CHOICES:

Remember that some classes conflict, therefore please choose classes accordingly

- | | |
|--|---|
| 1. New Employee Orientation | 9. Runoff Hydrology |
| 2. Basic Surveying | 10. VTA Evaluation |
| 3. Survey, Field to Finish | 11. Basic Soils |
| 4. AEM 3a Conservation Planning for
Farmstead, Cropland and Pasture | 12. Farm Safety |
| 5. Invasive Species | 13. Green Infrastructure |
| 6. AEM Tier 2 for Vegetables | 14. AEM Tier 2 for Tree Fruit |
| 7. Construction Materials | 15. Getting Districts into Forest
Management |
| 8. Critical Area Seeding | |

PLEASE NOTE:

Class size may be limited and priority will go to NYS Conservation District Employee Association members, USDA Natural Resource Conservation employees, NYS Soil and Water Conservation Committee employees and the Soil and Water Society – Empire State Chapter members. A waiting list of interested participants will be prepared and those participants will be notified one week prior to the course, if there is space available.

Please make checks payable to:
NYS Conservation District Employees Association

RETURN THIS REGISTRATION FORM AND PAYMENT TO:

Cortland County SWCD
100 Grange Place, Room 202
Cortland NY 13045
Phone: (607) 756-5991
Fax: (607) 756-0029

