

Anticipation Guide - Watershed Science, Education and Leadership - Fall 2012

- Last Revised 10-22-12

([weather forecast](#)) (Jim Egenrieder - email: JimE@vt.edu, cell/text: 571-482-8298)

DATE	Topic	Location	Presentations/ Assignments/ Readings
1. August 27	Introductions, Course Overview, Defining a Watershed Collaboration Tools	Northern Virginia Center	Jim Egenrieder
September 1-3	HOLIDAY WEEKEND (no class)		
2. September 8 (Saturday)	Field Exploration and Benthic profile / Channel Profile	Turkey Run (GWMP) Parking Lot C.	Intro to Dendrology Benthic macroinvertebrates; Groupwork - streamflow
3. September 10	Watershed Physical Structure and Scale Comparative Land Use Characteristics and Impacts Groupwork	Northern Virginia Center	Dendrology species list Watershed selection Explore and photograph your watershed Personal Dendrology list and images
September 15	no meeting; optional watershed cleanup	Barcroft Park	An optional makeup for a missed class meeting or outing.
September 17	no meeting		
4. September 22 (Saturday)	Stormwater engineering and Watershed Restoration	Donaldson Run (park at H-B Woodlawn)	Ten Mid-Atlantic Invasive Wetland Plants
5. September 24	Stream Corridor Restoration / Stormwater Engineering	NVC	Watershed mini-presentations Coliform write-up and testing
7. October 1	Watershed Monitoring and Evaluation Review of remaining	NVC	Prepare for Dendrology quiz! Wikipedia Login Presentations

	Projects		
8. October 6 (Saturday)	Watershed Assessment Protocols Growing Native Seed Collection	Lubber Run Community Center	Dendrology Quiz Presentations
October 8	HOLIDAY		Continue Watershed studies
October 13	no class meeting		Continue Watershed studies
9. October 15	Agencies, Non-Profits and Partnerships - Advocacy Training	NVC	Presentations
10. October 20 (Saturday)	Fall Line / Urban Stream Corridors	Chain Bridge, Little Falls, Locks 5 & 6	Dendrology Quiz
11. October 22	Protocol Selection and Publishing	NVC	Presentation on Watershed Group Handout/online readings

October 29	no class meeting		Continue Watershed studies
November 3	no class meeting		Continue Watershed studies
12. November 5	Teaching and Learning Strategies;	NVC	Handout/online readings Reflective writing: Project-based or Community-based learning
November 10	No class		
13. November 12	Watershed Non-Profits	NVC	Handout/online readings Presentations
14. November 17 (Saturday)	Optional Field Trip?	Water Treatment Facility	
14. November 19	How to Start a Non-Profit; Presentations and	NVC	Presentations

	discussion		
November 24	HOLIDAY WEEKEND		
15. November 26	Presentations and discussion	NVC	Presentations
December 3	makeup (presentations, etc.)	NVC	Presentations

Other field options:

[Chain Bridge, Little Falls, Locks 5 & 6](#) (park at 4100 N. Randolph St.)

[Pimmit Run, Arlingwood](#)

[Four Mile Run - Benjamin Banneker Park](#)

[Great Falls Park, Virginia](#)

[Seneca Road - NVRP](#)

[Four Mile Run, Shirlington](#)