



WASTE REDUCTION

addressing the
overlooked “r”

It's about the environment

University of Northern Iowa

2-part, interdisciplinary,

graduate credit workshop

Scott Area Recycling Center, Davenport

\$50 or FREE*

Part I: Fri., Jan. 22 (6-9 pm); Sat., Jan. 23 (8:30-5)

Part II: Friday, April 16 (6 pm—9 pm)

Snowdate: Jan. 29-30, 2010

You must attend Part I & Part II to receive credit

If you must miss even a portion of either day, this workshop is not for you.

Who should attend

The workshop targets middle school language arts, science, social studies, math and TAG, but is adaptable to K-12th grades. **Teacher teams are encouraged to participate.**

Study about the environment is meaningful and relevant in most all disciplines because the issues are real-life and the lessons are hands-on.

Workshop details

This workshop will emphasize lifecycle analysis, waste reduction and reuse, hazardous materials,

**A limited number of free registrations are available thanks to the generous support of solid waste agencies. Go to <http://www.uni.edu/ceee/wastereduction/workshops.htm> and click on the link, “To learn about the availability of free registrations.”*

and will incorporate other environmental concerns. You will receive:

- **One hour of graduate credit**, meals and refreshments. (This course does not count toward a UNI degree program.)
- **Bibliography of resources** for reading in content areas
- **Free resources—valued at more than \$65**—that are directly applicable to cross-curricular and thematic units
- **Tour of Waste Commission of Scott County Facilities**, including the Scott Area Recycling Center, Electronic Demanufacturing Facility, Household Hazardous Material Facility and Scott Area Landfill.
- **Modeling of activities**
- **Classroom-ready lesson ideas** that incorporate research-proven instructional strategies

Make this week-end a mini-retreat for you and your colleagues &/or for you & your family.

After attending Part I of the workshop, teachers return to classrooms to teach waste reduction mini-units using materials provided at the workshop. In the Part II workshop, teachers will exchange information, discussing what worked and what didn't. Participation in all of Parts I & II is required for graduate credit.

Bring family or friends along—or come to the workshop with a colleague.

Standards

Iowa Teaching Standards: Components of most of the teaching standards may be met through this course, including but not limited to: Standard 1 (a, g); Standard 2 (d); Standard 4: (b); Standard 5: (a, d); Standard 7: (c); Standard 8: (e).

Staff Development Standards: Assists teachers in improving student learning; Improves teaching evidenced through the adoption or application of practices, strategies, and information.

To register. . .

Please go to http://www.uni.edu/continuinged/programs/courses/waste_reduction/registration/

What teachers say

“Our school offers t-shirts for every activity... Besides the expense, students now realize there is a high environmental cost to pay as well.”

“I built a great [social studies] lesson between [Stuff: The Secret Lives of Everyday Things, a free resource to workshop participants] and the novel Amos Fortune: Free Man...”

“I work with international students and public school students. We use the book and poster to generate discussions. The American students realize how wasteful our society is after this discussion. It is a very powerful book.”

“The students realized how much ‘stuff’ they really have, and how all that ‘stuff’ isn't necessary in their lives.”

“This mini-unit was a hit with the sixth grade kids [as they] ... proposed ways they could help make a difference in our school.”

“It really made them think about how everything in the room was invented. Also the implications of the items and their construction...”

Workshop location

The workshop will be held at the Scott Area Recycling Center-Education Room at 5640 Carey Avenue, Davenport. Detailed directions will be emailed to registrants in early January.

Weekend perks

- For information about activities available in the Davenport area, go to <http://www.davenportone.com>.
- Area activities include an indoor ice skating rink, the museum of art, a walking trail along the river, and bald eagles-watching along the Mississippi River (LeClaire Park).

Lodging

Clarion Hotel—563-391-1230 (on 5202 Brady Street, about two blocks from the Recycling Center). Full hot breakfast buffet for \$5.95, indoor swimming pool, whirlpool, game room, fitness center, 100% smoke-free, free wireless internet.

Google for other lodging options.

Questions?

For course content, contact course instructor, Susan Salterberg at (319) 337-4816, (319) 273-2573 or by e-mail at salterberg@uni.edu.

Sponsors

Sponsored by Science Education and the Center for Energy and Environmental Education in the College of Natural Sciences, University of Northern Iowa, and the Waste Commission of Scott County.

Supporters

Support is provided by REAP Conservation Education Program, Iowa Department of Natural Resources Solid Waste Alternatives Program, UNI Center for Energy & Environmental Education, Population Connection, Waste Commission of Scott County, Des Moines County Regional Solid Waste Commission, Dubuque Metropolitan Area Solid Waste Agency, Iowa City Landfill, other landfills and solid waste agencies and councils of governments.

REAP: Invest in Iowa, our outdoors, our heritage, our people. REAP is supported by the state of Iowa, providing funding to public and private partners for natural and cultural resource projects, including water quality, wildlife habitat, soil conservation, parks, trails, historic preservation and more.

