LEAF and the UWSP Treehaven Field Station are hosting this hands-on teaching workshop for math teachers. The workshop focuses on outdoor application of algebra, geometry and trigonometry. In addition to inspiring ideas, you’ll also get mathematics-related LEAF lesson materials to take back to your classroom.

Participants will use geometry to understand the mathematics behind making and using a biltmore stick to measure tree diameter. After exploring the mathematics behind the biltmore stick, they will actually make their own biltmore stick, and use it to collect data in the forest. They will also use simple trig to understand the mathematics of an angle gauge, then make an angle gauge and use it in the forest to estimate basal area per acre. Other topics will include population estimates and land measurement.

Location
UWSP Treehaven, W2540 Pickerel Creek Rd., Tomahawk, WI 54487.

Dates & Times
Sat, December 1 – 8:00 AM to 4:30 PM
Sun, December 2 - 8:00 AM to 4:30 PM

Instructor
Dr. Roger Jones

Cost
$140 (Assumes scholarship granted, see below. Includes 1 graduate credit, 4 meals, and Saturday night lodging.) If you do not take it for credit the cost is $90.

To Register
- Complete the electronic registration form.
- Print the form for your records.
- Mail, email, or fax the form to LEAF.
- Look for the confirmation email with further instructions.

Registration Deadline: November 16, 2012

Limited Scholarships for Graduate Credit Available!

You may take this workshop for 1 graduate credit as NRES 741.

To qualify for the scholarship, you MUST indicate your intention to earn credit on the attached registration form. You will then be contacted to submit an additional “for-credit” registration form. The cost of the graduate credit without the scholarship is $424.47.

This course provided in cooperation with UWSP’s College of Natural Resources, the Wisconsin Center for Environmental Education, and the Wisconsin Department of Natural Resources-Division of Forestry.

Changing Lives Through Lifelong Learning
For information about other classes offered by UWSP Continuing Education go to www.uwsp.edu/conted/