

# The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

## Land Math: Area, Distance, Direction, Slope

April 25th, 2013

Instructor: Pete Bettinger, Ph.D.  
at the Warnell School, room 4-516



**WARNELL**  
SCHOOL OF FORESTRY AND NATURAL RESOURCES  
THE UNIVERSITY OF GEORGIA

### Purpose and Objectives

Land Math: Area, Distance, Direction, Slope is an introductory course for loggers, forest technicians, and other natural resource professionals who have an interest in measuring land areas, distances, and directions from maps.

### Who Should Attend?

Loggers, forest technicians, and other natural resource professionals who need to use maps for land management will be able to understand how to calculate basic measurements related to areas, distances, directions, and slopes. Certain work processes (mapping and determining sizes of potential management areas) may be made more efficient with this information.

### Format

The course includes lecture along with some practical examples will be provided to enhance the learning experience. Additionally, crossword puzzles will be provided to allow practice in computing land measurements. **Each attendee should bring their own calculator to the course.**

### Instructor

Pete Bettinger is a professor in the Warnell School of Forestry and Natural Resources. He has more than 20 years of operating, teaching and research experience in forestry and natural resources, including roles with the U.S. Forest Service, several forest product companies, and Oregon State University. Bettinger has taught several courses on forest measurements, forest planning, and harvest scheduling, as well as GIS applications in natural resources management. In 2008, Oxford University Press published his book Geographic Information Systems: Applications in Forestry and Natural Resources Management. Bettinger earned BS and MS degrees from Virginia Tech, and a PhD from Oregon State University.

### Registration Fee

The fee for this course is \$120, which includes instructional materials. You can register online for the course at <http://conted.warnell.uga.edu/courses/landmath>

### Continuing Education Credits

- 4.0 Continuing Forestry Education (CFE) hours–  
Category 1 (approved)
- 4.0 Continuing Logger Education hours (CLE) –  
Environmental (approved)

***Full Attendance is Mandatory to Receive Credit.***

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### Course Itinerary

April 25, 2013

Time	Event
12:45 p.m.	Registration
1:00	Basic Land Survey Systems
1:30	Measuring Area
2:30	Measuring Distance
3:30	Measuring Direction
4:30	Measuring Slope
5:00 PM	Adjourn

### Registration Form

\_\_\_\_\_  
Name - please print

\_\_\_\_\_  
Preferred name for badge

\_\_\_\_\_  
Birth-date (for transcript retrieval)

\_\_\_\_\_  
Business mailing address or check here if home address ☐

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip

\_\_\_\_\_  
County, if Georgia

\_\_\_\_\_  
Home phone

\_\_\_\_\_  
Work phone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
E-mail address

☐ Please send me e-mail about Warnell Continuing Education programs.

\_\_\_\_\_  
position

\_\_\_\_\_  
organization/employer

*By registering for this event I agree to comply with all event and lodging cancellation policies.*

### Land Math: Area, Distance, Direction, Slope

April 25, 2013

Registration by April 24, 2013:.....\$120.00

Enclosed is a check # \_\_\_\_\_

(payable to Warnell School of Forestry and Natural Resources)

Your registration will not be processed until payment is received.

### Cancellations:

Notice must be received by 5:00 p.m. April 11, 2013 to receive a refund.

Call Ingvar Elle at 706-583-0566.

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### Mail payment to:

Attn: Ingvar Elle  
Warnell School of Forestry & Natural Resources  
The University of Georgia  
Athens, Georgia 30602

### Parking and Directions

A visitor parking deck is located just north of the Georgia Center. Parking is \$10.00 per day.

For a map and directions go to:

[http://www.warnell.uga.edu/h/aboutWSFR/directions/index\\_html](http://www.warnell.uga.edu/h/aboutWSFR/directions/index_html)

### Special Services

If you require special services or dietary considerations, please contact Ingvar Elle ([ingvar@uga.edu](mailto:ingvar@uga.edu)) by April 11, 2013.