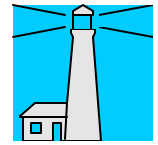


AMATYC Outer Banks Summer Institute
“Teaching in Context”
Duck, North Carolina
June 11 – June 16, 2000



Teaching in Context

At the AMATYC Outer Banks Summer Institute, instructors will model real-world situations that can be used to teach mathematical ideas and enhance student understanding in courses from beginning algebra to pre-calculus. Ideas on how to connect the situation to the mathematics to be taught will be shared and discussed by the instructors. Participants will be provided several field experiences from which they can develop their own teaching materials to enhance student understanding of mathematics.

Data relationships many times provide situations in which mathematics can be developed; thus the use of the Texas Instrument CBR, CBL, and related calculators will be integrated in the institute. The course is a cooperative effort between the Ohio State University College Short Course (CSC) Program and the AMATYC Summer Institute Program.

Instructors:

Debbie Crocker, Appalachian State University and Ed Laughbaum, The Ohio State University. Local resource people will include speakers from the Wright Brothers Museum and the Jockey’s Ridge National Park. The Army Field Research Facility (FRF) will house the institute and also provide resource personnel.

Location:

The Institute will be held on the Outer Banks of North Carolina near the village of Duck. Duck is just north of Kitty Hawk.

Lodging:

Rental homes will be available for participants. If attending as an individual, you will share a home with other participants of the same sex – one person to a bedroom. You may also select to share a room. Vacationing families can rent an entire house or share with another family. Homes rent from Sunday to Sunday and participants may stay the full rental time. An economy hotel and a resort hotel are located near by. Details will be sent upon request.

Transportation:

If arriving by plane, use the Norfolk International Airport. Ground transportation will be available for the 1½ hour car ride to the Duck/Kitty Hawk area. Information will be sent after you register for the institute. If arriving by car, maps to the Outer Banks will be sent on registration.

Social Events:

Various evening events will be planned. Such as a boat cruise on the Albemarle Sound, a group dinner, or a night at the outdoor drama “The Lost Colony.”

Cancellation Policy:

The Summer Institute will be held only if a minimum enrollment is reached by May 1, 2000. If minimum enrollment is not met, the Institute will be cancelled and registration fees will be returned. AMATYC takes no responsibility for any other expenses incurred.

Tentative Schedule:

Sunday , 6:30 PM – 8:00 PM, Opening Reception at 304 Sea Oats Trail	Monday-Tuesday , 8:30 – 4:30, FRF classroom. Tuesday , 6:30, dinner aboard the Crystal Dawn	Wednesday , 8:30 – 1:00, FRF classroom. 1:00 – 4:30, field trips
Thursday , 8:30 – 1:00, FRF classroom. 1:00 – 4:30, field trips.	Thursday , 8:00 PM “The Lost Colony” outdoor drama (not covered in registration fee)	Friday , 8:30 – 12:00, FRF classroom

Other Information:

Mathematics graduate credit is available from Portland State University for \$120. For further information contact Ed Laughbaum, The Ohio State University, Department of Mathematics, 231 West 18th Avenue, Columbus, OH 43210. (614) 292-7223, F (614) 292-0694, www.math.ohio-state.edu/~elaughba/

Miscellaneous:

Participants will enjoy a fine catered lunch from the deck of the Army Pier. Feeding of sea gulls is optional. Dolphin watching OK. No hurricanes allowed.

AMATYC Outer Banks Summer Institute Registration Form:

Name _____ Name to be used on nametag _____
College Affiliation _____
Full Address _____
Phone _____ Fax _____
E-mail Address _____ AMATYC Membership # _____
SS# _____

Registration deadline is May 1, 2000.

Check all that apply:

- I will be driving from home. (A map and other information will be sent.)
 - I will be flying to Norfolk International and driving from there; I will need a map to Duck.
 - I need transportation from Norfolk to Duck and back. My airline and arrival time at Norfolk International will be sent later.
 - Please send me information on local hotels. I will make my own arrangements.
 - I plan to share a home provided by the Institute; please make arrangements for me.
 - I will be vacationing with my family and need housing information.
- Enclosed with my registration form is my check (\$225 for AMATYC members, \$250 for nonmembers) made payable to T3 Institutes.

Send registration form and check to: Ed Laughbaum
The Ohio State University
Department of Mathematics
231 West 18th Avenue
Columbus, OH 43210

