



## NC-MSEN Statewide Institute for Teaching Excellence Geometry for High School 2009

Offered by:

UNC-CH Center for Mathematics and Science Education  
North Carolina School of Science and Mathematics

### Eligibility

This institute is open to all teachers of high school Geometry

### Dates & Times

June 22-26, 2009  
8:30 am – 3:30 pm

### Location (tentative)

East Chapel Hill High School

### Credit

3.0 license renewal credits

### Fees

Registration fee \$400

### Instructors

Jan Crane, Riverside H.S.,  
Durham  
Mary Elizabeth Neill, East  
Chapel Hill H.S.

### Registration

Complete and mail the accompanying application. Application forms are also available at:

<http://www.unc.edu/depts/cmse>

### Registration Deadline:

May 15, 2009 or until the institute is filled

### Course Description

This is a 1-week (5 day) workshop covering content material and pedagogical strategies for the Geometry course as it is described by the NC Standard Course of Study. Sessions will include both content-instructional sessions and sessions centered on teaching strategies.

The content covered in the workshop includes analytic geometry, transformational geometry, polygons, circles, and geometric probability.

Teaching strategies will include the use of technology; strategies for teaching theorems on circles and polygons; strategies for completing the entire curriculum in the allotted time; and strategies for combining objectives.

Teachers will be expected to come to the workshop with their pacing guides, current or future textbook, a TI Calculator with Cabri, Jr., and a laptop. Copies of the student edition of the *Geometer's Sketchpad* software will be provided.

### Benefits

- High quality instruction in content and teaching strategies
- Resource materials
- Opportunity to network with other Geometry teachers
- 3 license renewal credits

### Schedule

Monday through Friday, June 22-26, 2009  
8:30 am – 3:30 pm

The institute will be held at East Chapel Hill High School, Weaver Dairy Road, Chapel Hill (tentative pending approvals)

### For more information contact

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