

**NCCTM STATE MATHEMATICS CONTESTS**  
**CATAWBA COLLEGE**  
**Salisbury, North Carolina**  
**Thursday, March 24, 2011**

Catawba College will sponsor two state mathematics contests this year, one in Algebra I and one in Geometry. The contests are open to all students who meet the eligibility requirements listed below. The purpose of this contest is to stimulate interest in mathematics, to showcase the mathematical talents of local students, and for schools to compete with other schools in the area. Participation in mathematical contests is highly regarded by colleges and universities across the country.

**General Information**  
**The Tests**

The topics of the tests will follow the state curriculum guides for Algebra I and Geometry. Each test will consist of 40 multiple-choice questions with a time limit of 90 minutes. Students may only participate in one mathematics contest (the two will be held simultaneously).

**Awards**

- 1) Certificates of special merit will be presented to all contestants qualifying for the NCCTM regional runoff contests. (April 28, 2011-tentative) (Top 10% of all participants with a minimum of six people and maximum of 20 people will be eligible to participate in the regional runoffs)
- 2) Certificates of participation will be given to every contestant and school. (See Registration below)
- 3) Awards will be presented to the three top-scoring individuals on each contest.

**Calculators**

Contestants will be allowed to use graphing calculators. Catawba College will follow the currently approved NCCTM calculator policy which is the one currently approved by the College Board for use on the SAT. To see the SAT Calculator Policy, check out the website: <http://www.collegeboard.com/student/testing/sat/testday/calc.html>. The regional runoffs in Algebra I and Geometry may have more restrictive calculator rules, so students and teachers should check with each site before competing. If you have any questions about a specific calculator, contact the site coordinator. Students should bring their own calculator. Calculators will **NOT** be provided. No pencils or pens will be provided.

**Fees**

A **non-refundable** fee of \$10.00 will be charged for each supervisor and each contestant attending the contest. The fee will help cover the costs of lunch, printing expenses, and awards for the winners. The total fees must be paid in full prior to the contest date to be eligible to compete the day of the contest. Catawba College does not send invoices out.

## Rules of Eligibility

- 1) The Algebra I contest is open to all students who have been enrolled in Algebra I during the current academic year.
- 2) The Geometry contest is open to all students who have been enrolled in geometry during the current academic year.
- 3) A student may compete in only one subject division and at only one test site.
- 4) A student may compete only once in each subject division.

Any questions about student eligibility should be directed to the site coordinator.

## Schedule of Events

8:30-9:15 am	Registration and Welcome (Ketner Hall lobby)
9:30-11 am	Exam (Various classrooms in Ketner Hall)
11:15-12:30 pm	Lunch (Saleeby Dining Hall)
12:30-1:00 pm	Awards Ceremony and Closing Remarks (Location to be announced)

## Registration

It is required that you fill out and return the registration form. The registration form can be found at <http://www.catawba.edu/academic/math/contests.asp> on or before March 3, 2011. Please register on time to be sure you are included. **Please note, due to space limitations, each school may only bring a maximum of 10 students per contest. (In other words, each school may bring at most 10 students for the Algebra I contest and at most 10 students for the Geometry contest.) In addition, any substitution of students must be given to the site coordinator at least 24 hours prior to the contest. If a substitution is made after that time frame, we can not guarantee that a student will get a certificate of participation.** Please make sure to include an e-mail address on your registration form as an acknowledgement of receipt will be sent only by e-mail. Directions to the campus can be found at Catawba College's website <http://www.catawba.edu>. Parking for school buses will be behind the tennis courts. A map of the campus can be found at <http://www.catawba.edu/about/maps/campusmap.asp>.

For more information about the mathematics contests, contact Dr. Sharon Sullivan at (704)637-4741 ([slsulliv@catawba.edu](mailto:slsulliv@catawba.edu)). The regional run-offs in Algebra I and Geometry are tentatively set for April 28, 2011.

Regional Runoffs: Central Region (Algebra I and Geometry)  
Contact: Gregory Bell, University of North Carolina at Greensboro, (336) 334-5836 or e-mail at [gcbell@uncg.edu](mailto:gcbell@uncg.edu).

Regional Runoffs: Western Region (Algebra I and Geometry)  
Contact: Lothar Dohse, University of North Carolina at Asheville, (828)232-5189 or e-mail [DOHSE@unca.edu](mailto:DOHSE@unca.edu)

For more information about the state contest, see the state contest website at <http://courses.ncssm.edu/goebel/statecon/state.htm>.