

**GEORGIA SOUTHWESTERN STATE UNIVERSITY  
MATHEMATICS TOURNAMENT**

**Sponsored by the Georgia Southwestern State University  
Department of Mathematics  
February 5, 2010**

Your high school is invited to compete in the Georgia Southwestern State University Mathematics Tournament to be held at Georgia Southwestern State University, Americus, Georgia, on Friday, February 5, 2010. The Tournament is designed to recognize accomplishments in mathematics by high school students, to allow outstanding mathematics students to meet and compete with each other, and to promote public interest in mathematics. You are encouraged to select outstanding students from your school to compete against outstanding students from other schools in Georgia. Team and individual awards will be given to schools in GHSA classifications A, AA, AAA, AAAA and AAAAA, and to schools in GISA classifications AA and AAA. Winners from recent years may be viewed online at: <http://www.gsw.edu/~math/mathtourn.shtml>.

**Format and Participants.**

Each school is invited to bring a minimum of four and a maximum of eight participants. All students from each school will complete a 90-minute written examination beginning at 10:00 a.m. The four highest scores by participants from each school will constitute the team score for that school on the written examination. Four members from each school will participate in ciphering matches during the afternoon to earn points to add to the team score. These four may be selected at any time prior to the beginning of the ciphering matches at 1:30 p.m. The students who cipher are not required to be the same four whose scores constitute the team's written score. **Calculators may not be used in either portion of the tournament.**

**Areas of Mathematics Covered.**

A majority of the questions will come from the subject areas of mathematics most often studied at the high school level -- algebra, trigonometry, plane geometry, and analytic geometry. There will also be a collection of miscellaneous questions that could come from the areas of probability, statistics, logic, and "puzzle" problems.

**Division for Competition.**

The competition will be divided into seven classifications -- one for each of the five GHSA classifications and one for each of the two GISA classifications. There will be first, second and third place team and individual awards in each classification.

**Registration Fee.**

The registration fee is \$45.00 for a team of up to 8 members. There is an additional charge

of \$3.50 for each additional student (beyond 8). Please note that while we encourage you to bring additional students, these additional students are not eligible for individual awards and their scores will not be part of the team score.

## OVER PLEASE

### Overnight Accommodations.

The agenda for the Tournament will begin with registration from 8:30 a.m. until 9:45 a.m. on February 5, 2010; thus, participants from some schools may wish to stay in Americus overnight on February 4. The following motels are located within a short drive of the campus, and the phone number for each is listed for your convenience if you wish to make reservations.

Hampton Inn	--	(229) 924-3890
Holiday Inn Express	--	(229) 928-5400
Jameson Inn	--	(229) 924-2726
Windsor Hotel	--	(229) 924-1555
Quality Inn	--	(229) 924-4431

### Meals.

In addition to many dining establishments in Americus, meals are available on campus in the Dining Hall in the Marshall Student Center. The noon brunch meal in the Dining Hall costs \$6.30 per person. The menu will consist of breakfast and lunch items.

In order to prepare properly and efficiently for additional meals, Dining Hall personnel must know the exact number of persons who will be eating in the University Dining Hall. Thus, meal tickets should be purchased prior to arrival on campus. Please forward with your registration form the amount necessary for the number of lunches you will require on campus. This amount may be included in one check with the Registration Fee (see paragraph under "Registration" below).

### Registration.

If your school wishes to enter the Tournament, please complete the attached registration form and **return to Dr. Kailash Ghimire, Department of Mathematics, Georgia Southwestern State University, 800 GSW State University Drive, Americus, GA 31709-4693, NO LATER THAN January 7, 2010. No registration forms will be accepted if postmarked after Monday, January 7, 2010.** Please follow the directions on the form carefully.

For your convenience, an electronic version of the registration form is available at the  
Tournament webpage: <http://www.gsw.edu/~math/mathtourn.shtml>

Additional details will be forwarded to you when we receive your registration for the  
Tournament. If you have any questions, please contact [Dr. Kailash Ghimire](mailto:tourney@canes.edu) [tourney@canes.edu](mailto:tourney@canes.edu)  
phone 229-931-7350.

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