

Sinclair Community College
Mathematics Department

*invites you to
participate in the*

AMATYC
(American Mathematical Association of Two-Year Colleges)
Student Mathematics League
2009 Fall Quarter Competition

What is it: A one-hour, 20 question, multiple-choice exam. The level of the exam is precalculus mathematics. Topics from algebra, trigonometry, analytic geometry and probability may be included. A scientific or graphing calculator is permitted; however, the TI-92, any other calculator with a keyboard, or a computer is not permitted.

This is the first (Round I) of two exams, the second exam being held in the Winter Quarter. Each exam covers precalculus mathematics.

Who can participate:

Any student enrolled at Sinclair Community College who has not yet earned a two-year degree or higher. As a minimum prerequisite, it is recommended that students have completed MAT 116, College Algebra, or its equivalent, or are currently taking MAT 116; however, students of all levels of mathematics are invited to participate.

When: 10:00 – 11:15 a.m., Saturday, October 17, 2009

Where: Room 4011

Why take it: ☺ Compete for **\$3000 national scholarship**. At the end of the second test in the winter, the scores from each test will be totaled. The student with the highest score wins. The national award is a \$3000 scholarship (only two-year college students are eligible for this award), as well as runner-up prizes. In addition to the individual competition, there is a team competition. The top five scores for each exam are added together to get a team score.

☺ Compete for **local prizes**. For each exam the student with the highest score wins a prize of **\$50**. There are also second and third-place prizes of **\$30** and **\$20**. Also, the student who has the highest cumulative score on both exams (Rounds I & II – must take both rounds) will earn a **\$50** prize, and the runner-up will receive a **\$25** prize. In the case of ties, prizes will be split.

☺ It is FUN! (And FREE!)

☺ Refreshments will be served.

To register: Leave your name with the Department Secretary (Room 1341) by Thursday, October 15

***Review Sessions*:** 3:00 – 4:00 10/5/09, 1:00 – 2:00 10/7/09, 2:30 – 3:30 10/8/09, 1:00 – 2:00 10/12/09,
2:00 – 3:00 10/14/09 (All in Room 1346A)

These are optional, informal review sessions. We will discuss test-taking strategies and examine previous test questions. This is a flexible time period, so please feel free to come and go as your schedule permits. Online copies of past exams can be obtained by going to <http://www.amatyc.org/SML/old-competition-questions.htm>.