

Sinclair Community College
Mathematics Department

*invites you to
participate in the*

AMATYC
(American Mathematical Association of Two-Year Colleges)
Student Mathematics League
2010 Winter 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 second (Round II) of two exams, the first exam being held this past Fall Quarter. Each exam covers precalculus mathematics. Students do not need to have taken Round I.

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, February 27, 2010

Where: Room 14-130 (Building 14 Forum)

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, February 25

***Review Sessions*:** 1:00 – 2:00 2/22/10, 5:00 – 6:00 2/23/10, 1:00 – 2:00 2/24/10 (All in Room 1-346A)

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>.