

Rules of the AMATYC Mathematics Contest at Truman College

The American Mathematical Association of Two-Year Colleges (AMATYC) sponsors an annual nation-wide mathematics contest for students in two-year colleges. Truman College has been participating in this contest since 1984.

General Eligibility

Any student of Truman College is eligible to compete. Part-time students are eligible.

Test Administration Procedures

The contest consists of two rounds. Each round of contest is a written examination that are administered during a period in October/ November (Round 1) and February/March (Round 2). Tests last one hour and are administered only once in a semester.

Test Format

The level of the tests is precalculus mathematics. Questions are from a standard syllabus in College Algebra and Trigonometry and may involve precalculus algebra, trigonometry, synthetic and analytic geometry, and probability; questions that are completely self-contained may be included as well. All questions are short-answer or multiple choice (multiple choice questions will have at least 4 response choices). No partial credit is allowed in scoring. Students are permitted to use any scientific or graphics calculator that does not have a QWERTY (i.e. typewriter) keyboard.

Scoring and Results

The contest exam contains 20 multiple choice questions. Students earn 2 points for each correct answer and -0.5 points for each incorrect answer. Questions left unanswered are worth 0 points. To determine winners of the combined contest, the scores from Round 1 and Round 2 are added. Ranking is based on these scores.