

2024 ACTM Regional Math Contest - UCA will host central region on February 24

January 31, 2024



To: Regional Secondary Math Teachers & Administrators

From: Loi Booher, ACTM Regional Contest Director, loib@uca.edu

The Arkansas Council of Teachers of Mathematics (ACTM) Executive Board recently announced details for the annual math contest. The Mathematics Department at UCA is excited to host the Central Arkansas region on **Saturday, February 24, 2024**.

Contest Overview

The 2024 ACTM Math Contest will be offered in the “traditional format” again this year!

1. Your students can participate in the ACTM Regional Math Contest (Central Region) held on the campus of University of Central Arkansas (UCA) on **Saturday, February 24**.
2. The top students from the regional math contests across the state will be invited to the ACTM State Math Contest, held on the UCA campus on Saturday, April 20, 2024.
3. Arkansas students enrolled in any of the following courses are invited to participate: Algebra I, Geometry, Algebra II, Precalculus, Calculus, and Statistics
4. The contest fee is \$5 per student and there is no additional fee for state contests.

You can register for campus tours (includes a coupon for a discounted lunch), which will take place immediately following the contest!

Regional Math Contest - Central Region (UCA)

- We are creating a new registration system this year; hopefully with the possibility to pay online.
 - Register online at www.uca.edu/actm/uca_region by Friday, February 16.
- Send registration fees (\$5 per student) by Monday, February 19.
 - Electronic payment information will be available at www.uca.edu/actm/uca_region.
 - Cash, check, or purchase order (**payable to ACTM**) should be mailed to
Dr. Loi Booher, ACTM Regional Coordinator, Department of Mathematics,
University of Central Arkansas, 201 Donaghey Ave., Conway, AR 72035
- Tests will be administered in the [Mathematics/Computer Science Building](#) at UCA
 - Three buildings west of Donaghey Ave. on Bruce Street
 - Parking available along Western Avenue, just north of the Math/Computer Science Building or southeast of Donaghey/Bruce behind Donaghey Hall.
- A sponsor or parent must accompany students to the regional and state contests.
- **Students need to bring their own calculator and pencil.**



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- **Contest day schedule:**
 - 9:30 doors open
 - 9:45 sign-in at appropriate testing room
 - 10:00 exam begins
 - 11:00 Lunch on your own or register for campus tour & discounted lunch.
 - 1:00 awards ceremony in Doyne Health Science Auditorium (next to Math building)
 - Medals will be awarded to students placing first, second, and third in each subject.
 - Pictures of participants and winners may be published on the UCA website.
 - Contest guidelines, calculator regulations, previous tests, registration, and other information may be found on our website at www.uca.edu/actm.

State Math Contest

The invitational ACTM State Math Contest will be held **Saturday, April 20 at UCA**.

- Invitations will be sent to those who finished first, second, and third place in each region and to other students who had top scores statewide but did not place.
- ACTM will give monetary awards to the State Contest winners in each subject area.

Contest Parameters

- Students can compete in one of six contests: Algebra I, Geometry, Algebra II, Trigonometry & Pre-Calculus, Calculus, or Statistics.
- Students can compete in only one contest.
- Students must be enrolled in the course relevant to the subject's contest in the current academic year.
- Students must attend an Arkansas school.
- All contests will be held in-person.
- Contests will be 60 minutes long.
- Each contest will have 25 multiple choice questions and 3 tie breaker (TB) questions. Students should work the MC questions first, then TB1, then TB2, then TB3 in that order.
- Students will be given scratch paper.
- Students may bring and use a non-CAS handheld calculator of their choice. Calculator will not be provided by UCA.
 -  Allowed: TI-84 or TI Nspire (non CAS) calculators, other similar models.
 -  Not allowed: TI-89 or TI Nspire CAS, devices with GeoGebra or Desmos, other calculators on mobile devices (such as phones or tablets)

If you have any questions or concerns, please contact the Regional Contest Director:

Loi Booher, loib@uca.edu.

We look forward to seeing you!