

Summer Mathematics Institute 2019 Residential Camps



Minnesota State High School Mathematics League

2019 Summer Mathematics Institute

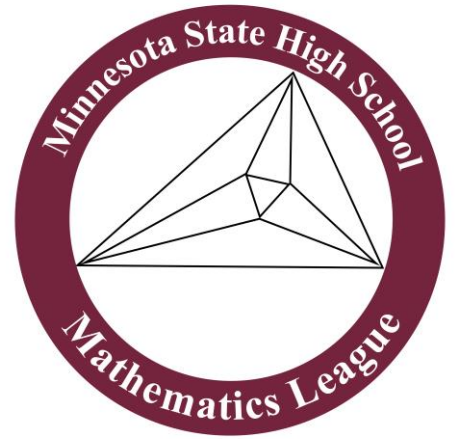
- Week long camp offering challenge and community to motivated mathematics learners. Students stay on campus in the dormitories at Augsburg University in Minneapolis, Minnesota.
- The content provided at the Institute will extend beyond the standard school curriculum and help to prepare students for challenging problem solving experiences in secondary mathematics competitions.
- Content is meant to be challenging for advanced students.

Apply by April 15, 2019.

Application available at: www.mnmathleague.org

Questions? Email mathleague@augsborg.edu

The MINNESOTA STATE HIGH SCHOOL MATHEMATICS LEAGUE has provided challenging mathematics to high school level learners since 1980.



2019 MATH CAMP PROGRAMS:

Grades 7-9 - JUNE 23-28, 2019

TOPIC & ELIGIBILITY:

"Mathematical Structures and Art"
Students will explore the interplay of mathematics and art. Students will work alongside mathematical artists to create and analyze a variety of geometries. We will focus on structures not typically taught in high school. A minimum of Algebra 1 and some geometry is necessary background. **Students should be entering grades 7-9 fall of 2019.**

Grades 10-12 - JUNE 23-28, 2019

TOPIC & ELIGIBILITY:

Students will study the topic of "Theory of Equations", focusing on problem solving. Theory of equations problems are often encountered in contest math. Full topic description available at www.mnmathleague.org. Students should have completed Algebra II and be motivated to learn challenging mathematics not taught in the typical school curriculum. **Students should be entering grades 10-12 fall of 2019.**

COST:

\$600 includes room and board and a field trip. Returning students are eligible for a \$25 discount.

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