

M3 Challenge 2019 Ready to publish blurbs

Short version:

MathWorks Math Modeling (M3) Challenge

MathWorks Math Modeling (M3) Challenge (<http://m3challenge.siam.org>) is an Internet-based applied math competition for high school juniors and seniors known for inspiring them to pursue STEM majors and careers. Working in teams of three to five, participants solve an open-ended, math-modeling problem focused on a realistic issue – in 14 hours. Extra credit awards are available to teams that employ technical computing/code in their solutions. The contest, organized by Society for Industrial and Applied Mathematics (SIAM) and sponsored by leading software developer MathWorks, is **free** and open to all U.S. students and will award top teams this year with \$100,000 in scholarships toward the pursuit of higher education. M3 Challenge has given more than \$1.4 million in scholarships to date and has been listed as an approved contest by the National Association of Secondary School Principals since 2010.

Challenge weekend is set for **February 28 - March 2, 2020**. Registration is open at <http://m3challenge.siam.org> through Friday, February 21, at 4 p.m. EST sharp!

Complete details, rules, and practice problems, as well as other resources to help students learn math modeling, technical computing, and how to prepare for the Challenge are available at <http://m3challenge.siam.org>. If you would like more information about the Challenge or posters to distribute to your organizations or colleagues, please send a request with due date and shipping address to m3challenge@siam.org.

Long version:

MathWorks Math Modeling Challenge

How do climate-related factors impact U.S. national parks? How can states repurpose squandered food? Students will use math modeling and other skills to provide insight into complex, real-world issues like these during MathWorks Math Modeling (M3) Challenge, an Internet-based contest that spotlights the notion that math is much more than solving for “x.” M3 Challenge is a **free** contest for high school juniors and seniors in the U.S. in which students, working in teams of 3-5, have 14 hours to work on a realistic applied math problem. Solution papers go through a rigorous, multi-step judging process and top teams are awarded scholarships totaling \$100,000 toward the pursuit of higher education. Extra credit awards are available to teams that employ technical computing/code in their solutions.

Challenge weekend will take place **Friday, February 28, 2020, at 8:00 a.m. EST through Monday, March 2, 2020, at 8:00 p.m.** Students begin their allotted 14 hours of work time during Challenge weekend by downloading the Challenge problem at a time of their choosing. Registration is open at <http://m3challenge.siam.org/> and will close on Friday, February 21, 2020, at 4:00 p.m. EST sharp!

Designed to motivate students to study and pursue careers in applied math and computational science, the contest is sponsored by leading software developer MathWorks and organized by Society for Industrial and Applied Mathematics (SIAM).

Complete details, rules, past problems, and samples for practice, as well as a free downloadable handbook on getting started with math modeling are available at <http://m3challenge.siam.org>.

If you would like more information about the Challenge or posters to distribute to your organizations or colleagues, please send a request with due date and shipping address to m3challenge@siam.org.