

# Summer Academy in Science, Technology, Engineering, & Mathematics, 2016

for High School Students

Monday, June 20 - Friday, June 24, 8:00 a.m.-3:00 p.m.

Department of Mathematics, California State University, Fresno

*This workshop is designed for High School students who are interested in learning Science, Technology, Engineering, and Mathematics (STEM) concepts in more depth than they are discussed in the regular high school curriculum. Students will be learning these concepts through debate type discussions, hands-on projects, and activities, designed by college professors and expert teachers.*

*Students will explore Potential and Kinetic Energy, transformational Geometry through Dynamic software, conduct experiments, and solve real life problems using mathematical concepts.*

- Intensive and fun-filled learning experience through challenging tasks in an enjoyable environment.
- Hands-on learning through collaborative activities and projects.
- Change the way you think and feel about mathematics and learning.
- Learn to use dynamic geometry software and other visual creation software to explore geometric concepts.
- Improve your reasoning and mathematics thinking skills.
- Earn California State University, Fresno Certificate of Accomplishment.
- Meet new friends, expert teachers and university faculty at Fresno State.



**Registration by May 1 \$185\***

**Registration after May 1 \$235\***

\*Fees include materials, handouts, morning snacks, lunch, and the use of labs and software.

For additional information or to register please go to: [www.fresnostate.edu/mathacademy](http://www.fresnostate.edu/mathacademy)

or contact Kasey Vang:

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