

Summer Academy in Science, Technology, Engineering, & Mathematics, 2020

for High School Students

Monday, June 15 - Friday, June 19, 2020, 8:00 a.m.-3:00 p.m.

Department of Mathematics, California State University, Fresno

Kinetic and potential energy

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-style discussions, hands-on projects, and activities, designed by college professors and expert teachers.

Students will explore Kinetic and Potential energy and 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.



****SPACE IS LIMITED****

On time Registration deadline May 15, \$235*
Late Registration after May 15, \$285*
NO REFUNDS after June 5th

*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

or contact: Dawn Moate (Administrative Assistant):

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If you have further questions please contact:

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