



UNITED STATES
AIR FORCE ACADEMY

USAFA K-12 STEM Outreach Program Newsletter

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United States Air Force Academy and Air Force STEM Webpages

<https://www.usafa.edu/stem-outreach/>

<http://www.usafa.af.mil/>

<https://afstem.afciviliancareers.com/>



QR Code for USAFA K-12 STEM Outreach page

Apply Now for a Mentorship at AFA High School Civil Engineering Summer Camp



US Air Force Academy Engineering and Construction Camp
Air Force Academy, Colorado Springs, CO
June 26 – July 2, 2019

Camp Director, email: scott.prosuch@tetrattech.com

Senior Mentor, email: mkent@Huitt-Zollars.com

Mentors work with outstanding high school students from

around the world and become immersed the field of civil engineering. Mentors are assigned to groups of students and help guide, train, educate, coach, lead and mentor the campers through each day's activities. Mentors and their assistants work with staff and students from first call in the morning until lights out and will be with the campers 24 hours a day for the duration of the camp.

Criteria for Mentors:

1. Ideally a SAME member, a member of another professional organization, sustaining member or strategic partner staff, or a teacher with a STEM background
2. Valid driver's license
3. Must be able to successfully pass a background check
4. Record of active participation in SAME or another organization.
5. Obtain an endorsement from the organization sponsoring you, such as the Post President, Post STEM Coordinator, or a Fellow of your SAME Post or another leader in your organization.
6. Have experience in mentoring/coaching young students
7. Committed to attending the entire week-long camp and being FULLY engaged (mentors and flight commanders are encouraged to minimize distractions from mobile devices, emails, phone calls, etc.)
8. Experienced and working in a STEM field, including teachers – we encourage a very broad and diverse set of STEM backgrounds to provide better exposure for the campers
9. Be physically fit – you will be on your feet much of the day

Apply at this link: <https://www.same.org/SAME-CAMPS/Mentors-Staff/Mentor-and-Staff-Application>

USAFA Sponsored Lego We Do Competitions

332 kindergarten- fifth grade students participated in five nights of Lego WeDo Competitions. The competition this year centered around the 50th anniversary of the US moon landing. Students created a robot that could "orbit" the moon and then deploy a landing module.



USAFA K-12 STEM Outreach Mission

The United States Air Force Academy Science, Technology, Engineering, and Math (STEM) Outreach Program mission is to offer a variety of programs and services that effectively engage, inspire, and attract the next generation of STEM talent.

Contact Us

USAFA Office of Research

The Office of Research strives to build a positive relationship with K-12 students and educators and encourage recruitment/growth of future cadets to develop skills implicit to national security and the nation's competitive edge.

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Inaugural Junior Botball Challenge Held at USAFA

Local 2nd-5th grade students spent 5 hours programming robots as they worked through 10 different challenges.



Requests for Additions to the USAFA Lending Library

Is there a science or engineering tool that you would like to use, but your school can not purchase? Email Sandy Lamb with the item name, numbers of students that would benefit from the item and a link by May 31st for consideration to the USAFA Lending Library.

USAFA Planetarium Weekday Shows During the Summer

If you would like to see our Planetarium Shows before booking a field trip, take advantage of the weekly showings at 12:30PM Monday-Friday.

Day	Time	Show
Monday	12:30 p.m.	Black Holes—The Other Side of Infinity
Tuesday	12:30 p.m.	Humpback Whales
Wednesday	12:30 p.m.	Experience the Aurora
Thursday	12:30 p.m.	Dream Big
Friday	12:30 p.m.	Fighter Pilot

