Community College Aerospace Scholars
cas.aerospacescholars.org

NASA's unique community college program engages and motivates students to pursue academic and/or professional careers in science, technology, engineering, and mathematics (STEM) fields.
What is Community College Aerospace Scholars?

Community College Aerospace Scholars (CAS) is an education program for community college students across the state of Texas. If you are interested in the Science, Technology, Engineering, Mathematics (STEM) fields, then this program is for you. As a CAS student you will participate in graded web-based modules. Based on module grades and completed applications, qualified students will be chosen to attend a three day onsite experience at the NASA Johnson Space Center (JSC) in Houston, TX. With this experience, you will have the chance to tour Johnson Space Center (JSC) and interact with NASA engineers and scientists. You will also have the opportunity to collaborate with Texas community college students and participate in engineering design challenges. CAS is funded by the state of Texas and the Houston Livestock Show and Rodeo.

Who’s eligible to participate?

Community college students from across Texas will compete to become a Community College Aerospace Scholar. To participate, you must be:

- A U.S. Citizen
- At least 18 years of age and a high school graduate
- A Texas resident
- A registered community college student during the application process and program
- Enrolled with at least 9 credit hours with a cumulative of 9 hours in science, technology, engineering, mathematics (STEM) fields
- Able to commit to a one-semester relationship with NASA JSC, including a three day experience at NASA
- Able to complete requirements established by your community college district
- Must have a 2.5 GPA
- Earn a 70 average or above on the online modules.
What will you do as an Aerospace Scholar?

CAS consists of two primary components:

**Graded web-based activities including:**
- Twenty hours of pre-work online
- Online interaction with participants on space exploration

**Onsite experience at NASA JSC including:**
- Engineering design challenges directed by NASA engineers/scientists
- Briefings by NASA Engineers/Scientists
- Tour of NASA JSC facilities through Space Center Houston

What is the timeline?

Potential CAS students will apply online starting in October. A pre-selection process will be conducted by NASA. Students will take part in an online community and submit electronic modules bi-weekly. Students are selected based on lesson grades and completed applications. Selected students will travel to NASA and participate in a three-day on-site experience in March or April. Refer to cas.aerocontestspies.org for more information.
For more information, please visit our website at:
cas.aerospacescholars.org
Email: JSC-AE-CAS@mail.nasa.gov

To learn more about NASA and our other education programs, visit www.nasa.gov or http://education.jsc.nasa.gov