CCA—THE ENGINEERING EXPERIENCE

In partnership with the Colorado Space Consortium students can participate in workshops and courses that prepare them for various STEM and Engineering Degrees.

These opportunities are for students in Declared Degrees in STEM fields including: Computer and Digital Technology, Math, Science and Engineering.

As part of the experience students will be supported by an Academic Advisor for course and transfer planning, and a Student Achievement Coach to assist with study skills and navigating CCA.

There are 4 specific experiences in our sequence:

♦ Engineering Workshops
  ***required for courses below

♦ Robotics Course (stipend)

♦ Data Analysis Course (stipend)

♦ Experimental Design Course (stipend)

CCA supports many students in the courses with financial stipends. The stipends are provided to students that apply and can confirm eligibility.

Contact Beatrice Salazar to discuss the application process, including course pre-requisites and eligibility.

CCA & Colorado Space Grant Consortium

BENEFITS OF BEING A COSGC SCHOLAR

Listed below are additional resources and opportunities for students participating in the workshops and courses listed above.

1. **Advising for Transfer and Degree planning.** All students are advised to follow a degree plan that corresponds with their 4 year University of Choice. There are also college tours available.
   
   ***CCA has an Articulation agreement with the Colorado School of Mines
   ***CCA is working closely with the University of Colorado Boulder for course planning. Students who complete Robotics and Experimental Design will receive credit for ASEN 1400 Freshman Design at CU—Boulder.

2. **COSGC Scholarship Opportunities.** COSGC supports two scholarships that student participating in CCA workshops and courses may apply and qualify for.
   
   ***Continue at CCA for a 2nd year of programming; Data Analysis and Experimental Design.
   ***Transfer Scholarship to a COSGC 4-year Colorado University

3. **Summer NASA Programs.** CCA students have participated in the RockOn! and RockSat-C programs at NASA Wallops Flight Facility in Virginia, the Reduced Gravity Flight Program at NASA Johnson Space Center in Texas, and the High Altitude Student Payload program at the NASA Columbia Scientific Balloon Facility in New Mexico. Summer programming is contingent on funding.