

# THE ENVISION EXPERIENCE

leading provider of experiential career & leadership programs

since **1985** accredited programs



**800,000+** students



**19** programs

from **149** different countries



## Rice University **Aerospace & Aviation Academy** 2020

Fueled by Envision

former **NASA** astronaut guest speaker



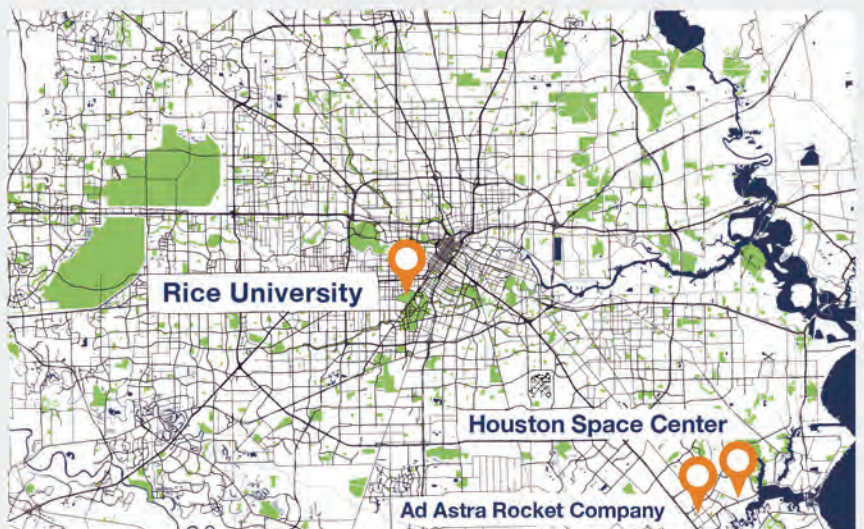
**12** days

on campus at  RICE

exclusive site visits



simulations & skills workshops





# Aerospace & Aviation Academy

## Who is Envision?

Envision provides academic programs in numerous categories, including STEM, medicine, law, government and leadership, business administration, entrepreneurialism, culinary arts, engineering, and aerospace. Programs are typically held during summer (May-August) in many cities across the United States as well as China, Australia, South Africa, and New Zealand.

Envision's programs are developed by educators and subject-matter professionals and are accredited by the International Association for Continuing Education and Training (IACET) and the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI).

Using innovative tools and techniques, our activities mirror real-world challenges and facilitate critical thinking and communication among the groups. Envision advisors are trained teachers and subject-matter experts who love making a real impact—so much so that they come back year after year. To date, over 800,000 exceptional students have benefited from the transformational experiences Envision programs provide.

Envision programs are innovative, safe, fun, empowering, and enable students to:

Discover Their Passion

Explore a Career

Realize Their Dreams

More information about Envision can be found at [EnvisionExperience.com](https://EnvisionExperience.com)

## What is the Aerospace & Aviation Academy?

The Rice University Aerospace & Aviation Academy, Fueled by Envision, is an immersive program designed specifically for students who are interested in pursuing careers in fields of aerospace and aviation and who want to be at the forefront of the developments and demands of the future.

Over twelve unbelievable days on the campus of Rice University, students enjoy daily forums from Rice's renowned faculty and receive unparalleled exposure to industry and government space scientists through exclusive site visits, which will also provide students with a glimpse into their future.

Students will hear from a NASA representative and former NASA astronaut Dr. Leroy Chiao. Applying what they have learned, students will implement the full scope of the engineering design process during a challenging multi-day satellite project. They will also visit the Lone Star Flight Museum, where they will attend flight ground school, participate in a flight prep simulation, learn the importance of flight planning, and then operate a flight simulator.

## Why should I or my child attend this program?

It is no secret that the world is changing. Due to rapid advancements in technology and automation, the jobs of yesterday are no longer the jobs of today, and the jobs of today are unlikely to be the jobs of tomorrow.

We are already seeing the educational impact of this technological shift. While diplomas and degrees served their holders so well in the past, more and more they are being seen as insufficient by many employers because students are taught theory but not practice.

Founded on a 21st-century curriculum and learning techniques, the Aerospace & Aviation Academy provides students with hands-on learning opportunities that challenge them to think in new ways and helps them establish and grow the life-ready skills that will allow them to succeed in our ever-evolving world and economy, all in an engaging and exhilarating atmosphere.

"My child was blown away at the amount of information that was given to him. He was amazed to learn new things and develop things that he did not know about himself. He loved all the keynote speakers and what they talked about during the sessions!"

-Angela P., Mother of Aerospace & Aviation Academy Alumnus

"Listening to our guest speakers had the biggest impact on me because it made me feel more confident in my abilities, but I also enjoyed meeting my newfound friends during this program. I've never met a group of people who were genuinely interested in aerospace, so it was nice to meet like-minded people."

-Elena J., Alumna of Aerospace & Aviation Academy

## How much does it cost to attend the Aerospace & Aviation Academy?

A number of factors determine the pricing of our program, including location, length of program and complexity of curriculum. For the Aerospace & Aviation Academy, tuition is \$5,395, and we have payment plans available.

To ensure that more students have the opportunity to attend our programs, Envision does offer a limited number of scholarships based on financial need, scholastic merit, and leadership achievement. Submission of a scholarship application is required to be considered for an award.

More information about the Aerospace & Aviation Academy can be found at [TakeFlight.Rice.edu](https://TakeFlight.Rice.edu)