



## Outreach Instructor Position Description

### Organization Overview

The Lone Star Flight Museum (LSFM), a non-profit 501(c) 3, opened its facility at Ellington Airport in September 2017 after 27 years in Galveston, TX. With the belief aviation inspires achievement and endless possibilities, the museum serves to fulfill its mission to celebrate flight and achievements in Texas aviation history in an inspiring educational environment that meets the needs of students and visitors of all ages. Emphasizing the role of science, technology, engineering and mathematics (STEM), LSFM's vision is to be a dynamic and interactive educational flight museum reaching the people of Texas as a recognized experience of choice.

### Position Overview:

The Outreach Instructor reports to the Director of Education Programs. The primary responsibility is to conduct STEM based demonstrations and classes with student level drones and flight simulators to teach flight skills while emphasizing the science of flight. The Outreach Instructor will load and unload equipment, drive to locations in the Houston area in a museum vehicle, and usually work offsite in schools and community organization locations.

### Primary Responsibilities and Duties:

- Set up a flight simulator lab in offsite locations and teach students flying skills and related science lessons.
- Develop and present demonstrations on the physics of drone flight as well as the history, capabilities, and future of drones.
- Lead workshops to teach students how to program the flight path of a drone to complete tasks or an obstacle course.
- Present entertaining and educational demonstrations as well as classroom instruction.
- Load equipment and drive to offsite locations, unload and set-up independently.
- Work with organization/school staff for scheduling and location needs.
- Help maintain equipment and computers.
- Assist with modification and improvements of curriculum.

### Preferred Skill Set & Experience:

- Drone experience required.
- STEM related degree preferred.
- Aviation knowledge or experience preferred.
- Confident with computer systems and simulator technology.
- Excellent communications skills with individuals and groups.

**Status:** Part Time/Non-Exempt/Hourly/Reports to the Director of Education Programming

The Lone Star Flight Museum is an equal opportunity employer. To apply, please send a cover letter and resume to [James.Talmage@lonestarflight.org](mailto:James.Talmage@lonestarflight.org).