

SHS Aviation 2023-2024 - Introduction

WELCOME to SHS Aviation!

Let's Fly!



Did you know that 790,000 new pilots will be needed in the world by 2037, based on Boeing's *Pilot and Technician Outlook*? Ironically, the number of pilot certificates issued by the Federal Aviation Administration has decreased by more than 60 percent since 1980. This mismatch of supply and demand presents a tremendous opportunity for students in aviation careers that they may not have previously considered.

This class is an introduction to the world of Aviation. It will highlight many of the elite career opportunities in the Aviation industry. We will also discuss Aviation's timeline from its wild beginnings to the exciting future still being unveiled! There has never been a better time to seek these prolific and lucrative Aviation careers!

Our Aviation class stays broad enough to be exciting and relevant to anyone interested in Aviation. However, it begins to focus on content necessary for Pilots (manned and crewless aircraft), Air Traffic Controllers, and Aerospace Engineers. This course is still an excellent place for students thinking about Aviation Maintenance Technology, Drone Usage and Careers, Military Opportunities, and much more. Students will begin simulator training to learn flight training techniques and experience hands-on Aviation learning.

Students will learn about Aerodynamics, Weather, Aircraft Components and Systems, Radio Communications, FAA Regulations, Navigation, Flight Planning, Aeromedical Factors, and more.