

STEM-based Aviation Education

Did you know our world will need nearly 800,000 new pilots by 2037, according to Boeing's *Pilot and Technician Outlook*? Interestingly, the number of pilot certificates issued by the Federal Aviation Administration has decreased 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.

The Aircraft Owners of Pilots Association (AOPA), the world's largest aviation community, is building aviation STEM curriculum for high schools across America. When complete, the program will be the first of its kind, offering student comprehensive four-year aviation study options that are aligned to rigorous math and science standards used in many states nationwide.



AOPA's High School initiative is designed to rebuild the pilot population and the aviation industry from the ground up. By providing high-quality STEM-based aviation education to high school students nationwide, AOPA is opening the door to aviation careers for thousands of teens. The courses are designed to capture the imagination and give students from diverse backgrounds the tools to pursue advanced education and careers in aviation fields.

In partnership with AO Wealth, Professional Educators of Iowa is pleased to announce scholarship opportunities for schools committed to making this program available to their high school students. For more information please email Bryan@peiowa.org.