

DOSWELL SCHOOL OF AERONAUTICAL SCIENCES

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The Doswell School of Aeronautical Sciences was created to prepare students for careers in the dynamic and ever-evolving aviation industry.

Currently, students can pursue two pathway options in our Bachelor of Science in Aviation Science – a Professional Pilot option or a Flight Operations option.

Students enrolled in the Professional Pilot option will gain the flight skills and classroom knowledge necessary to succeed in the aviation industry, specifically in the professional pilot sector. The requirements of this program, which have been closely mapped to the needs and demands of the aviation industry, provide the foundation for students to become safe and proficient pilots. Students will complete Private, Commercial, Certified Flight Instructor-Airplane (CFI-A), and Certified Flight Instructor-Instrument (CFI-I) along with the instrument and multi-engine ratings. Graduates are eligible to pursue employment as flight instructors, corporate pilots, or private industry pilots after gaining the flight hours and experience needed to become an airline pilot.

The Flight Operations option begins with the same degree requirements, but after obtaining their commercial pilot certificate, students focus on aviation business and management careers. Coursework will include topics such as global flight planning, human resources, and principles of management. Graduates from this pathway will be eligible to manage and oversee airports and airport operations, planning, and scheduling.

Undergraduate Degrees Offered

- B.S. in Aviation Science (<https://catalog.twu.edu/undergraduate/arts-sciences/aeronautical-sciences/aviation-science-bs/>)