

# Aviation

## Meet the Instructor:



Dan W. Mills

- B.S. Degree – Mission from the Toccoa Falls Bible College
- B.S. Degree – Mission Aviation Technology from the Moody Bible Institute
- ETSU – 4.0 GPA – 30 Hours of Graduate Courses working toward Masters in Education

The Aviation Flight program of study prepares students to be successful in a range of aviation careers, such as pilots, aircraft engineers, air traffic control specialists, aircraft mechanics, or airline statisticians. Students can utilize a state-of-the-art flight simulator. The course covers the knowledge and skills of all aspects of flight needed to pass the Federal Aviation Administration (FAA) Private Pilot written exam, including aircraft structures, flight environment, procedures and regulations, aerodynamics of flight, judgment training, navigation, and communications. Students who complete the course have the opportunity to fly solo in a C-172.



## Aviation includes:

- **Transportation, Distribution, & Logistics**

## Freshmen Courses Offered:

**Introduction to Aerospace** (Program of Study: Transportation, Distribution, & Logistics—Aviation Flight) is a comprehensive foundations course for students interested in pursuing careers in aviation. This course covers the basic principles governing flight and the regulation of flight that every aviation professional must know regardless of his or her occupation as a pilot or an engineer, a salesperson or a specialist, a mechanic or a statistician. In addition to acquiring foundational knowledge of safety procedures and industry regulations, students will also gain essential understanding of aircraft structures, the flight environment, basic procedures, and navigation in preparation for further study in advanced *Aviation I: Principles of Flight* and *Aviation II: Advance*



## Courses Offered:

- Introduction to Aerospace
- Aviation I-Principles of Flight
- Aviation II-Advanced Flight
- FMX Flight Simulation Lab
- Unmanned Aerial Systems
- Work-Based Learning



## Club Information

### Top Gun Aviator Club



The Top Gun Aviator Club is a club that meets before school on a regular basis to discover aviation through a series of discussions, hands-on activities, and tours of different facilities. The primary objective of the T.G.A.C. is to encourage students to remain drug free, as well as helping them to discover different careers they can take for achieving their life goals. During the school year, the T.G.A.C. will participate in different trips and activities, so of which may include, but are not limited to, tours of the Elizabethton Municipal Airport, the United Company's hangar at Tri-Cities Regional Airport. Last year the T.G.A.C. is planning on traveling to Dayton Ohio and visiting the National Museum of the USAF.