



FLIGHT TECHNOLOGY AND OPERATIONS

BGSU COLLEGE OF TECHNOLOGY, ARCHITECTURE AND APPLIED ENGINEERING

The Flight Technology and Operations (FTO) specialization is designed to educate and train professional pilots. In addition to being trained as commercial pilots, the students also study general education subjects, aircraft systems, crew concepts, management and administration.

Points of Pride

- One of only two universities in the nation that has an airport located on campus.
- Modern fleet equipped with Garmin and Avidyne avionics. Most planes are ADS-B compliant.
- We have a family environment and small class sizes.
- An on-site CATS testing center allows you to take your FAA written exams on campus.
- The new flight center includes an 8,800 square foot training center with an 8,000 square foot hangar.
- Student organizations include the Falcon Flight Team, Aviation Ambassadors, Alpha Eta Rho, Women in Aviation and Young Professional in Business and Aviation.
- McDonald residence hall has space dedicated to aviation.
- The program is fully accredited by The Association of Technology, Management, and Applied Engineering (ATMAE).
- The program is approved under the Federal Aviation Regulations (FAR) Part 141 requirements.



Alumni Success

"I came to Bowling Green with minimal flight experience, but it didn't take long to start achieving milestones - first solo, first cross-country, and first checkride. Before I knew it, I held a Commercial Certificate with Instrument and Multi-engine ratings, and was going for my Flight Instructor Certificate.

In my last semester as a student, I was given the opportunity to teach flight students while finishing up my own degree. That opportunity helped push me to continue personal and professional growth. In 2014, I became a First Officer with PSA Airlines and in 2016, a Captain.

To become a pilot takes hard work, dedication and sacrifice. The BG Flight Center instructors and staff provide the tools and guidance to help you grow, but it is up to you to put it all together and make it work for you."

Jonathan Fluegemann '12
Captain, PSA Airlines

For more information

Aviation
419-372-9457
bgsu.edu/aviation

"I currently hold my private pilot license and am on my way to becoming an instrument rated pilot. My every day activities consist of flying for two hours or more, or spending time in the simulator on bad weather days. The program is very hands on and allows students to experience the real world of flying. In the fall I will train for my Certified Flight Instructor rating. The program has provided an amazing opportunity for me to learn and achieve my dream of becoming a pilot."



Mayra Kodman, FTO sophomore

Flight support, Falcon Flight Team, co-founder and vice president of Women in Aviation chapter, and treasurer Alpha Lambda Delta.

MAJOR MAP

AVIATION – BACHELOR OF SCIENCE

Specialization – Flight Technology and Operations (Professional Pilot)

CLASS OPTIONS	<p>Freshman</p> <p>Complete AERT 2000, 2200 and AERT 2220/2230 Private Pilot Flight Lab I/II. Complete AERT 2240, GEOG 1250, MATH 1220, WRIT 1120 and PSYC 1010 requirement.</p>	<p>Sophomore</p> <p>Complete AERT 2800 and AERT 2810/2810 Instrument Flight Lab I/II. Take courses AERT 3000, COMM 1020, PHYS 2010 and BG Perspective. Complete Cooperative Education requirement TECH 2890 .</p>	<p>Junior</p> <p>Complete AERT 3200, AERT 3060 and AERT 3240/3250 Commercial/Multi Flight Labs. Complete AERT 3490, AERT 3520, COMM 2010, SOC 1010, GEOG 2130, BG Perspective and co-op TECH 3890.</p>	<p>Senior</p> <p>Complete AERT 3540, AERT 4040, AERT 4680, AERT 4050, AERT 4600 and IS 2000 or CS 1000. Select two TECH Electives and a Supplemental Focus.</p>
GOOD ADVICE	<p>Start flying!! Meet with Aviation Program Faculty and Academic Advisor to discuss your checksheet and academic schedule and to learn about reading your degree audit.</p>	<p>Consider choosing Geography or Business courses to fill your Tech Electives or Supplemental Focus requirements. This will help you become a well-rounded professional in aviation.</p>	<p>Meet with an Academic Advisor to ensure you will complete all academic requirements by the end of senior year. This will allow time for final course schedule adjustments as you complete your last two years.</p>	<p>Meet with an Academic Advisor to ensure you have completed all required hours and course requirements and will be eligible for graduation.</p>
RELEVANT EXPERIENCE	<p>Start thinking about what sectors of the aviation industry you are interested in learning about.</p>	<p>Pursue cooperative education experiences in areas of aviation you are considering for your future.</p>	 <p>Continue to pursue cooperative education experiences in areas of aviation you are considering for your future.</p>	
USEFUL CONNECTIONS	<p>Join a student organization such as the BGSU Falcon Flight Team, American Association of Airport Executives (AAAE), Alpha Eta Rho Fraternity and Women in Aviation.</p>	<p>Continue involvement in student organizations. Find ways to volunteer.</p>	<p>Seek a leadership role in a student organization. Pursue networking opportunities. Continue to volunteer.</p> <p>Become a Technology or Aviation Studies student Ambassador.</p>	<p>Mentor incoming freshman. Continue to serve in a leadership role in a student organization and network with the aviation industry.</p>
GLOBAL VIEWS	<p>Complete foreign language and international perspective requirements. Consider taking more extensive foreign language coursework if you plan to work in a global aviation company or plan to fly internationally.</p>	<p>Consider taking Supplemental Focus, BG Perspective, and Technology Elective Courses to become more culturally diverse.</p>	<p>Consider a cooperative education experience outside the local area to broaden your global experience level.</p>	
CAREER PREP	<p>Consider enrolling in the Falcon Internship Guarantee program through the Career Center. Plan a job shadow experience.</p>	<p>Attend Aviation Career events. Explore in-demand careers and occupations using http://OhioMeansJobs.com</p>	<p>Continue to attend Aviation Career events. Attend a conference such as The American Association of Airport Executives (AAAE), Women In Aviation, NBAA, or UAA.</p>	<p>Join industry organizations such as AAAE, NAFI, AOPA, FAAST, ORBA and OAA.</p> <p>Attend aviation recruiting events held by the program to secure industry employment leads and provide employers with your resume.</p>