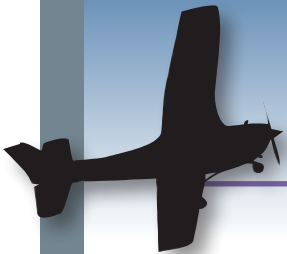




## Soar above it all!

**Y**ou look up into the sky every time you hear an airplane passing! You've been thinking about learning to fly for a long time, probably since you were a kid, but you haven't taken that first step to turn your dream into a reality. Well, now is the time. Our Aviation Professional Pilot Training program at the Bixhorn Technical Center prepares students to receive their Federal Aviation Administration (FAA) Private Pilot Certificate. Soar above your friends! Learn to fly with The Academy!

*"To invent a plane is nothing, to build one is something, to fly is everything."  
— Otto Lilienthal*



Advanced college/trade school credit is available to qualifying students from the following institution:



**COURSE TITLE: AVIATION/PROFESSIONAL PILOT TRAINING**

**COURSE DESCRIPTION — FIRST YEAR**

The students will study aerodynamics, navigation, meteorology, aviation physiology, airplane performance and air traffic control procedures. They will operate actual aircraft as well as flight simulators. All students will take the FAA Private Pilot's Written Exam (FAA testing procedures apply) at the end of the first year.

**COURSE CONTENT**

Science of Meteorology	Basic Sciences of Pre-Flight (Ground School)
Airport Design	Navigation and Related Mathematics
Radio Communications	Airplane Construction
Air Traffic Control	Aerodynamics and Related Sciences

**COURSE DESCRIPTION (OPTIONAL) — SECOND YEAR**

Only those students who have met the eligibility requirements outlined below, demonstrate the ability and have a strong desire to become aviation professionals will be offered a second year program. The second year student may be given the opportunity to earn a Private Pilot's Certificate and work with business and local industry in an aviation related capacity.

**EDUCATIONAL OPPORTUNITIES**

Advanced College Standing

**CAREER OPPORTUNITIES**

- Pilot
- Air Traffic Controller
- Military
- Aircraft Dispatcher
- Ground Instruction

**SUGGESTED SUPPORTIVE COURSES**

Algebra and Earth Science

Students enrolling in this program are expected to show proficiency in math and science by scoring a minimum of 80% on the Algebra Regents and a minimum of 80% on the Earth Science Regents.

**ADDITIONAL INFORMATION**

RELATED COURSES ..... Computer Science and App Development, Drone Technology, Engineering

COSTS ..... **First Year:**

- Approximately \$12 for required charts and \$21 for professional pilot shirt
- Written exam fee approximately \$150 first year
- FAA medical exam approximately \$75-\$125

**Second Year:**

- Equipment and study material \$100 per year
- Final FAA flight test \$500
- Aircraft rental \$150
- Optional summer flight instruction \$1,500

LENGTH OF COURSE..... 2 years

LOCATION ..... Gary D. Bixhorn Technical Center

CTE/ACADEMIC CREDIT ..... 2 years = 1 credit ELA, 1 credit math and 1 credit science  
(2 years = MAXIMUM 3 academic credits)

INDUSTRY CERTIFICATION..... FAA Private Pilot's written exam

