

# Curriculum: Aviation

## Major Requirements:

- Private Pilot Ground School
- Private Pilot Flight School
- Instrument Pilot Ground School
- Instrument Pilot Flight School
- Commercial Pilot Ground School
- Commercial Pilot Flight I
- Commercial Pilot Flight II
- Principles of Accounting I
- Public Speaking or Interpersonal Communication
- Computer Information Systems
- Principles of Macroeconomics or
- Principles of Microeconomics
- Introduction to Physical Geography
- Human Physiology
- Problem Solving or
- Pre-Calculus Algebra
- Principles of Management
- Electives, 10 to 11 credit hours



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[www.caspercollege.edu/aviation](http://www.caspercollege.edu/aviation)

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 **Casper College**

# Aviation



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# Aviation

The Aviation Program is a partnership between Casper College and Crosswind Aviation. The program allows students to complete academic coursework and flight training toward an associate's degree in aviation and a commercial pilot's license. The primary goal is to provide a curriculum that will lead to future employment in commercial aviation.

Crosswind Aviation is a flight school located at Natrona County International Airport in Casper, WY. Crosswind Aviation has a fleet of five aircraft and three full time instructors to meet every student's flying needs.

Academic coursework takes place at Casper College. Students are required to schedule three flight sessions per week, which are scheduled around school as well as work schedules. Students will meet with a Crosswind Aviation instructor upon enrollment and set their schedule for that semester. Full-time students should complete the program at a lower cost than competitor flight schools in four semesters and be prepared for employment as a commercial pilot.

## What is the outlook for pilots?

Pilots are employed by flight schools, charter services, transport companies, business, government, and commercial airlines. According to the US Department of Labor website ([www.bls.gov](http://www.bls.gov)): "In May 2006, median annual earnings of airline pilots, copilots, and flight engineers were \$141,090." As well, the Department of Labor indicates that the job market should grow nine to 17 percent for the next decade. Possible career positions include agricultural pilot, airline pilot, corporate pilot, air taxi pilot, flight instructor, and charter service pilot.

## Educational Opportunities

Aviation classes are held at the airport, where students can enjoy the exciting atmosphere of flying. Students are welcome to hang out at the flight school, which often lends itself to opportunities to observe maintenance, get extra flying time in, or become an active part of the department.

If your dream is to fly, you owe it to yourself to visit Casper College and Crosswind Aviation. The best students in aviation are the ones who have "always wanted to fly." If this is your dream, you owe it to yourself to look into it. We have a full staff that can visit with you about your goals in aviation and help you choose the right path for you.



## What are the costs to get the degree?

The degree has the standard Casper College tuition and fee expenses plus a large additional cost to cover the actual flight training. Flight training depends on aircraft hourly rates which cover the aircraft, fuel, insurance, and instructor costs. These costs are paid directly to Crosswind Aviation. There are three certifications with each costing the following:

### Private Pilot

- Ground Training - 35 Hours, Covered by Casper College Tuition
- Cessna Private Pilot Kit - \$329
- Cessna 172 Handbook - \$32.50
- Flight Training, Dual 30 hours at 168/hr - \$5040
- Solo flight training 5 hours at 130/hr - \$650
- FAA Physical - \$110
- FAA Written Exam - \$150
- Practical Test (Examiner and Rental) \$500

**Total Cost - \$6811.50**

### Instrument Pilot

- Ground Training 35 Hours, Covered by Casper College Tuition
- Cessna Instrument Pilot Kit - \$329
- Instrument Charts - \$30
- Flight Training, Dual 35 hours at 168/hr - \$5880
- FAA Written Exam - \$150
- Practical Test (Examiner and Rental) \$500

**Total Cost - \$6889**

### Commercial Pilot

- Ground Training 35 Hours, Covered by Casper College Tuition
- Cessna Commercial Pilot Kit - \$329
- Flight Training, Dual 45 hours at \$168/hr - \$7560
- Dual Complex Aircraft Training 10 hours at 174/hr - \$1740
- PIC/Solo Flight Training 65 hours at 130/hr - \$8450
- FAA Written Exam - \$150
- Practical Test (Examiner and Rental) \$550

**Total Cost - \$18779**

*Once again all these flight times are based off of Federal Aviation Regulation part 141, we just recently increased prices, but are always subject to change as a reflection of changing fuel prices. Please let me know if you have any questions.*

## Points of Pride

- Flight time can be easily scheduled online, allowing students to better manage their time.
- Crosswind Aviation is located directly on the runway of Casper/ Natrona County International Airport.
- Students have access to kitchen facilities, a student lounge, and convenient parking.
- Students will learn at a full-service international airport with a full control tower, but with a relatively low flight volume of commercial traffic.
- An FAA-approved flight simulator is available for partial completion of required flight hours. This helps save students money, and is particularly useful during inclement weather.
- Casper's high-altitude and typically clear conditions, (average of 275 days of sunshine per year), make for great flying conditions.

