

## **Professional pilot (BATN-PP)**

124 hours required for graduation

Students may pursue studies in professional pilot beyond the associate degree level and obtain the bachelor of science degree in aeronautical technology.

The Jeppesen–Sanderson integrated flight training program is utilized to obtain private, instrument, commercial, certified flight instructor, and multi-engine ratings.

The student will receive the instrument flight instructor certificate in addition to advanced classes rooted in aviation applications. A multi-engine certificate opportunity and turbine-engine transition course are also available in this option with training available in the Beechcraft C-90 King Air.

The flight training program is FAR 141 approved. The approval allows students to meet the commercial instrument minimum-flight-hour requirement in 190 hours instead of 250 hours.

Flight training is conducted in Cessna 172s, Beechcraft Bonanzas, Beechcraft Barons, and a Beechcraft C-90 King Air. Both standard and full graphics simulators are used for additional training benefit.

The lab times reflected in the pilot courses are minimum times. Significant time commitment is necessary for labs and flight training. This program requires additional costs above the standard tuition, books, and supplies. Students must possess a current medical certificate issued by an aviation medical examiner prior to starting flight training.

### **Freshman**

#### **Fall semester (17 credit hours)**

ENGL 100	Expository Writing I	3
MATH 100	College Algebra	3
PPIL 100	Introduction to Aviation	3
PPIL 111	Private Pilot	4
PPIL 113	Private Pilot Flight Lab	1
	Natural Science Elective	3

#### **Spring semester (17 credit hours)**

COMM 106	Public Speaking I	3
MATH 150	Plane Trigonometry	3
PPIL 112	Professional Instrument Pilot	3
PPIL 114	Professional Instrument Pilot Flight Lab I	1
PPIL 342	Aviation Meteorology	4
PSYCH 110	General Psychology	3

### **Sophomore**

#### **Fall semester (16 credit hours)**

ENGL 200	Expository Writing II	3
MATH 205	General Calculus and Linear Algebra	3
PHYS 113	General Physics I	4
PPIL 211	Professional Commercial Pilot	3
PPIL 212	Professional Instrument Pilot Flight Lab II	2
PPIL 216	Altitude Chamber	1

**Spring semester (17 credit hours)**

ECON 110	Principles of Macroeconomics	3
ENGL 302	Technical Writing	3
PPIL 210	Aviation Safety	3
PPIL 213	Professional Commercial Pilot Flight Lab	2
PPIL 386	Aerodynamics	3
PPIL 415	Human Factors in Aviation	3

**Junior****Fall semester (15 credit hours)**

PPIL 312	Certified Flight Instructor Ground School	6
PPIL 325	Advanced Aircraft Systems	3
	Computer Elective	3
	Humanities/Social Science Elective	3

**Spring semester (16 credit hours)**

BUS 315	Supervisory Management	3
ECON 120	Principles of Microeconomics	3
PPIL 262	Multi-Engine Ground School	1
PPIL 263	Multi-Engine Flight Lab	1
PPIL 314	Certified Flight Instructor Flight Lab	2
	Aviation Elective	3
	Humanities/Social Science Elective	3

**Senior****Fall semester (14 credit hours)**

MKTG 400	Marketing	3
PPIL 387	Crew Resource Management I	3
PPIL 482	CFI Instrument Ground School	1
PPIL 483	CFI Instrument Flight Lab	1
STAT 325	Introduction to Statistics	3
	Aviation Elective*	3

**Spring semester (12 credit hours)**

PPIL 440	Air Carrier Operations	3
PPIL 445	Aviation Law	3
	Humanities/Social Science/Business Elective	3

***Culminating Experience (choose one of the following):***

AVT 497	Senior Project	3
COT 495	Industrial Internship	3
PPIL 416	Crew Resource Management II	3

\*Marked electives must be upper division courses, 300 and above.