

AABInternational

Student Achievement Data

KANSAS STATE UNIVERSITY Aerospace and Technology Campus	Salina	Kansas State University Salina College of Technology and Aviation (Previously Kansas State University Polytechnic) B.S. Aeronautical Technology – Professional Pilot
Updated Oct. 2023		
Compliance with AABI Criterion 3.2.4		Student Achievement Data

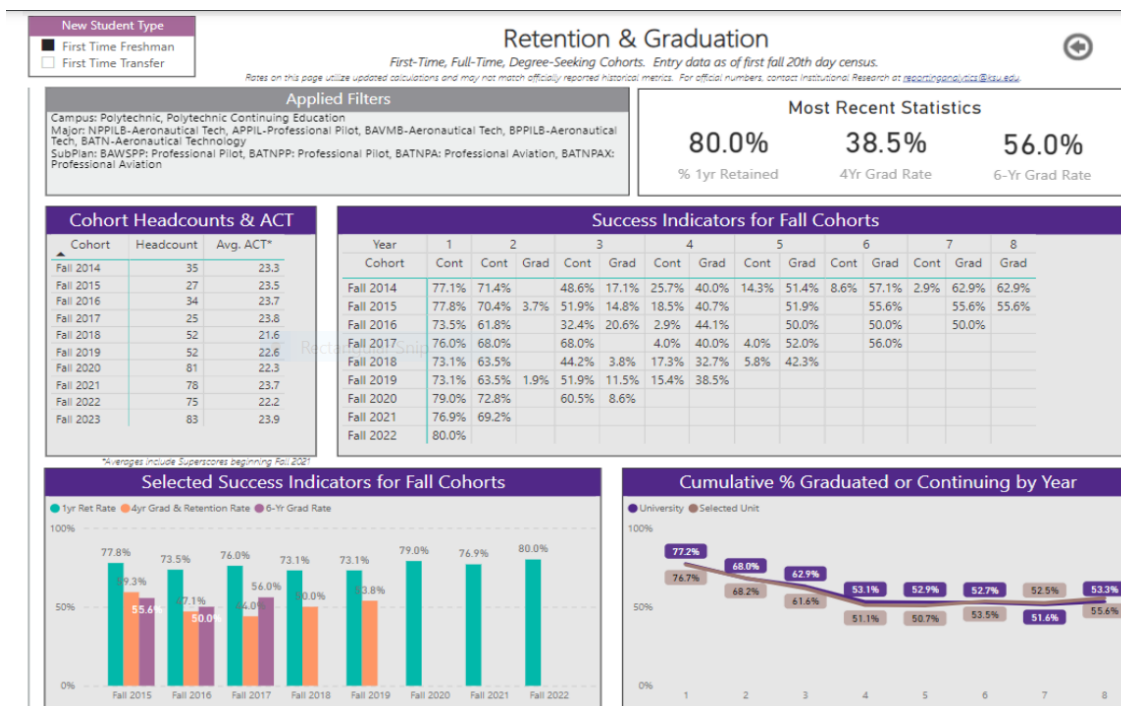
A. Program Educational Goals

The goal of the program is to produce highly educated and skilled graduates who are prepared to immediately succeed in higher education, air carrier, corporate, military, or instructional environments.

Professional Pilot program graduates should:

1. Demonstrate the ability to work on diverse multidisciplinary teams.
2. Demonstrate a global perspective on sustainable aviation business practices.
3. Choose ethical courses of action within the operational environment.
4. Demonstrate a lifelong commitment to personal excellence through service and continuing education.
5. Appraise unsafe operational conditions within the aviation environment.
6. Communicate effectively, using both written and oral communication skills.
7. Creatively solve technical problems related to the aviation workplace using math and science.

B. Student Retention and Graduation Rates Fall 23

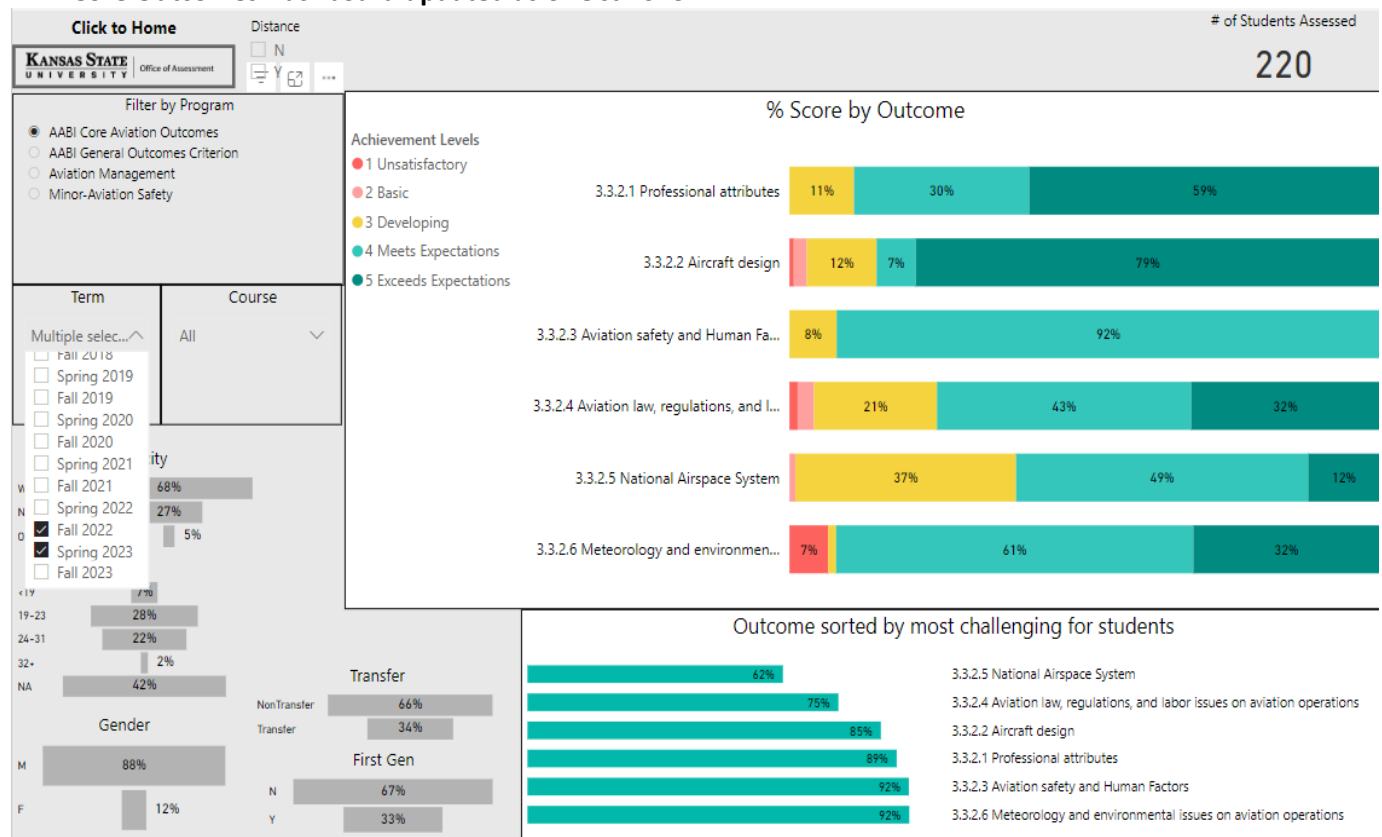


C. Employment Rates and Types of Employment

Year	Data Available	Employed	Furthering Education	Types of Employment
2022-2023	95%	89%	5%	<ul style="list-style-type: none"> Aeronautical Data Analyst Associate CFI Crew Chief Reserves First Officer (4) Pilot Server UAS Flight Instructor

K State Salina Student Achievement Data PPIL B.S. Aeronautical Technology – Professional Pilot

AABI Core Outcomes Dashboard updated as of Oct 2023



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Distance

☐ N

☐ Y

of Students Assessed

234

Filter by Program

- ☐ AABI Core Aviation Outcomes
- ☒ AABI General Outcomes Criterion
- ☐ Aviation Management
- ☐ Minor-Aviation Safety

Achievement Levels

- 1 Unsatisfactory
- 2 Basic
- 3 Developing
- 4 Meets Expectations
- 5 Exceeds Expectations

% Score by Outcome

Outcome	1 Unsatisfactory	2 Basic	3 Developing	4 Meets Expectations	5 Exceeds Expectations
3.3.1a Apply math and science	7%	14%	26%	50%	
3.3.1b Analyze and interpret data	11%	22%	39%	27%	
3.3.1c Teamwork			38%	58%	
3.3.1d Ethics	15%		58%	24%	
3.3.1e Written Communication	10%		68%	22%	
3.3.1f Oral Communication			84%	15%	
3.3.1g Lifelong learning		19%	41%	37%	
3.3.1h Contemporary issues	8%	15%	25%	49%	
3.3.1i Professional practice			30%	67%	
3.3.1j Aviation environment	4%	11%		86%	
3.3.1k Pertinent knowledge	6%	7%	14%	72%	
3.3.1l Business sustainability	4%	4%	27%	65%	

Term

Multiple select...

- ☐ Spring 2020
- ☐ Fall 2020
- ☐ Spring 2021
- ☐ Summer 2021
- ☐ Fall 2021
- ☐ Spring 2022
- ☐ Summer 2022
- ☒ Fall 2022
- ☒ Spring 2023
- ☐ Summer 2023
- ☐ Fall 2023

Course

All

Gender

Male: 89%

Female: 10%

Transfer

NonTransfer: 61%

Transfer: 39%

First Gen

Non: 64%

Yes: 35%

Outcome sorted by most challenging for students

Outcome	%
3.3.1b Analyze and interpret data	66%
3.3.1h Contemporary issues	75%
3.3.1a Apply math and science	76%
3.3.1g Lifelong learning	79%
3.3.1d Ethics	82%
3.3.1k Pertinent knowledge	86%
3.3.1e Written Communication	90%

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Term: **Multiple select...** **All** **Course**

☐ Select all

☐ Fall 2018

☐ Spring 2019

☐ Fall 2019

☐ Spring 2020

☐ Fall 2020

☐ Spring 2021

☐ Fall 2021

☐ Spring 2022

☒ Fall 2022

☒ Spring 2023

Fix this

Most challenging for students

Ethnicity

White: 55%

Non-White: 34%

Other: 11%

ACT

<19: 6%

19-23: 27%

24-31: 21%

NA: 45%

Gender

Male: 45%

Female: 55%

Communication

Achievement Levels

3 Developing

4 Meets Expectations

5 Exceeds Expectations

3. Communication

6%

76%

18%

Indicators Assessed

3.3.1e Written Communication

10%

68%

22%

3.3.1f Oral Communication & ...

84%

15%

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Filter by Program

- ☐ AABI Core Aviation Outcomes
- ☒ AABI General Outcomes Criterion
- ☐ Minor-Aviation Safety

Distance

1 Knowledge

1 Critical Thinking

1 Communication

1 Diversity

1 Professional Integrity

of Students Assessed

205

Term

Course

Multiple select...

- ☐ Spring 2020
- ☐ Fall 2020
- ☐ Spring 2021
- ☐ Summer 2021
- ☐ Fall 2021
- ☐ Spring 2022
- ☐ Summer 2022
- ☒ Fall 2022
- ☐ Spring 2023
- ☐ Summer 2023
- ☐ Fall 2023

by Assignment

1 Knowledge

1 Critical Thinking

1 Communication

1 Diversity

1 Professional Integrity

Outcome	Unsatisfactory	Basic	Developing	Meets Expectations	Exceeds Expectations
1. Knowledge	7%	9%	19%	64%	
2. Critical Thinking	11%	22%	39%	27%	
3. Communication			84%	15%	
4. Diversity		39%	57%		
5. Academic and Professional Integrity	18%	47%	32%		

Assessment Plan 23/24 - How and Where Outcomes are assessed.

I = Introduce P = Practice A = Assess Updated Fall 23			Aligned K-State Salina Program Outcome (with University Outcome)	COURSE Assessment assignment	PPIL 111	PPIL 112	PPIL 113	PPIL 114	PPIL 210	PPIL 211	PPIL 212	PPIL 213	PPIL 214	PPIL 216	PPIL 217 SA	PPIL 300	AVT 242	AVT 340 SA	AVT 345 SA	AVT 440	AVT 445	AVT 450 SA	AVT 457 SA	AVT 457 SC	BUS 430 TA	COT 480 SA	COM 106	ENG 302
AABI	AABI Outcome Title (See Full Outcomes Below)			Current Assessment Method																								
Core	3.3.2.1 Professional Attitudes - Describe the professional attributes, requirements or certifications, and planning applicable to aviation careers	4. Demonstrate a lifelong commitment to personal excellence through service and continuing education. (Knowledge)	Graded Quiz				P	P		I	P	P		A		I												
	3.3.2.2 Aircraft design - Describe the principles of aircraft design, performance, and operating characteristics; and the regulations related to the maintenance of aircraft and associated systems		FIA Class Exam		I														P/A									
	3.3.2.3 Aviation safety and Human Factors - Evaluate aviation safety and the impact of human factors on safety	5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking)	Project Case Study Paper						I/P										A									
	3.3.2.4 Aviation law - Discuss the impact on aviation operations of international aviation law, including applicable International Civil Aviation Organization (ICAO), or other international standards and practices; and applicable national aviation law, regulations, and labor issues	2. Demonstrate a global perspective on sustainable aviation business practices. (Knowledge)	Research Project																									
	3.3.2.5 National Airspace System - Explain the integration of airports, airspace, and air traffic control in managing the National Airspace System		Graded Quiz		I					P				A							I/P/A							
	3.3.2.6 Meteorology - Discuss the impact of meteorology and environmental issues on aviation operations	5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking)	Real time Weather situations submitted in writing		I															P/A								
AABI General																												
	3.3.1a Apply mathematics, science, and applied sciences to aviation-related disciplines	7. Creatively solve technical problems related to the aviation workplace using math and science. (Critical thinking)	Final graded quiz		I	I				P								P		A								
	3.3.1b Analyze and interpret data	7. Creatively solve technical problems related to the aviation workplace using math and science. (Critical thinking)	Homework and Midterm Quiz		I	P				P					A/P					A								
	3.3.1c Teamwork - Work effectively on multi-disciplinary and diverse teams	1. Demonstrate the ability to work on diverse multi-disciplinary teams. (Diversity)	Loft 1 and 2							P					A	I			P			P						
	3.3.1d Ethics - Make professional and ethical decisions	3. Choose ethical courses of action within the operational environment. (Professional integrity)	Project Case Study Paper		I				I	P					P				A			P				I		
	3.3.1e Written Communication - Communicate effectively using written communication skills	6 Communicate effectively, using both written and oral communication skills (Communication)	Com assessment and final paper												P							A	A				I	
	3.3.1f Oral Communication - Communicate effectively using oral communication skills	7 Communicate effectively, using both written and oral communication skills (Communication)	Oral presentation												P	P						A	A				I	
	3.3.1g Lifelong learning - Engage in and recognize the need for life-long learning	4. Demonstrate a lifelong commitment to personal excellence through service and continuing education. (Knowledge)	Paper reflection and Oral Presentation						I						A	P			P			P		A	A		I	
	3.3.1h Contemporary issues - Assess contemporary issues	4. Demonstrate a lifelong commitment to personal excellence through service and continuing education. (Knowledge)	Case Study						I						A				P			A						
	3.3.1i Professional practice - Use the techniques, skills, and modern technology necessary for professional practice	5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking)	LOFT 1 and 2 scenarios			I									P	A												
	3.3.1j Aviation environment - Assess the national and international aviation environment	2. Demonstrate a global perspective on sustainable aviation business practices. (Knowledge)	Graded Discussion						I	I/P										A								
	3.3.1k Apply pertinent knowledge in identifying and solving problems	5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking) 7. Creatively solve technical problems related to the aviation workplace using math and science. (Critical thinking)	Graded Quiz/Discussion, Module quizzes						I						A/P	P			P		A	A						
	3.3.1l Sustainability - Apply knowledge of sustainability to aviation issues	2. Demonstrate a global perspective on sustainable aviation business practices. (Knowledge)	Project Case Study Paper						I											A	P							