


AABInternational

 Salina Aerospace and Technology Campus	Kansas State University
	Kansas State University Salina College of Technology and Aviation
Accredited Program	Bachelor of Science Aeronautical Technology Professional Pilot
As of January 2025	STUDENT ACHIEVEMENT DATA

AABI 3.2.4 Public Information.

- The Program Educational Goals** of each accredited program, as publicly published, and how these Program Educational Goals are assessed by the program.

Professional Pilot Program Mission Statement

The mission of the K-State Salina Professional Pilot Program is to provide future aviation leaders with quality aviation education to prepare them for careers as aviation professionals.

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.

Continuous Improvement Plan

The Aviation Department uses several methods to gather direct and indirect data each year. These methods include:

1. Assessment of student learning outcomes in selected course activities, including exams, quizzes, discussion forums, rubric scored assignments, papers, and final project presentations.
2. Academic Program Review and Revitalization: university wide review and goal setting based on admissions, headcounts, Terms to Degree, Retention and Completion trends

3. End of course evaluations, graduating and alumni student surveys
4. Industry Advisory Board input on skills and outcomes required in the current environment.

Review and Assessment Process for Student Learning Outcomes

Plan and Process

Our Program Educational Goals and specific Student Learning Outcomes are assessed each year as part of our continuous improvement efforts. We begin with an Assessment Plan that identifies the courses in which goals and outcomes are introduced and assessed. Assessment results are collected through our Learning Management System (LMS). Faculty members review those results after the end of each semester, then adjust courses or curriculum to help students improve performance and opportunity for success in the future.

This is the assessment plan that aligns Program Educational Goals and Student Learning Outcomes and identifies where and how these goals and outcomes are measured and assessed.

AABI Core Outcomes Assessment Plan with Linked Program Goals

I = Introduce P = Practice A = Assess/Evaluate Updated Sp 25		COURSE - Orange = required Assessment assignment	PPIL 111	PPIL 112	PPIL 113	PPIL 114	PPIL 210	PPIL 211	PPIL 212	PPIL 213	PPIL 262	PPIL 263	PPIL 310	PPIL 311	PPIL 312	PPIL 387	AVT 100	AVT 242	AVT 340	AVT 386	AVT 440	AVT 445
			Priv Pil	Pro Inst Pil	PPFL	Pro Inst FL	AVSaf	Prof Comp II	PCP FLI	PCP FLII	ME GS	OR 314	AGI GS	CFI GS	312	Crew REs MGT	Intro to Av	Av Meteor	H Fac	AERO DYN	AC Ops	AV Law
AABI Outcome	Aligned K-State Salina Program Goal	Current Assessment																				
3.3.2.1 Professional Attributes - 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 211 213 Oral Flight Eval Stage Check	I		P	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	5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking)	Graded Quiz 386 - Final Project	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)	Final 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																				I/P/A
3.3.2.5 National Airspace System - Explain the integration of airports, airspace, and air traffic control in managing the National Airspace System	5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking)	Graded Quiz	I	P				A	P													
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)	Final Project -Assess Real-time weather conditions and required planning for meteorology and environmental issues on aviation operations	I															P/A				

AABI General Outcomes Assessment Plan with Linked Program Goals

I = Introduce P = Practice A = Assess/Evaluate Updated Sp 25		COURSE - Orange = required Assessment assignment	PPL 111 Priv Pil	PPL 112 Pro Inst Pil	PPL 113 PPPL	PPL 114 Pro Inst FL	PPL 230 AvSel	PPL 211 Prof Comp II	PPL 212 PCP FLI	PPL 213 PCP FLI	PPL 252 ME GS	PPL 253 OR 314	PPL 310 AGI GS	PPL 311 CFI GS	PPL 312 Crew REs MGT	AVT 100 Intro to Av	AVT 142 Av Mete or	AVT 340 H Fac	AVT 385 AERO DYN	AVT 440 AC Ops	AVT 445 Av Law	AVT 450 Av Saf Mgmt	AVT 497 Capit	BUS 315 Sup Mgt	BUS 400 Mkt	COT 480 SA Ethics	COM 106, 109, 322	ENG 302
AABI Outcome	Aligned K-State Salina Program Goal	Current Assessment																										
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 Exam, 386 - 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, 386 - Quiz	I	P				P					P/A	P/A					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 Practical						P								A	I		P									
3.3.1d Ethics - Make professional and ethical decisions	3. Choose ethical courses of action within the operational environment. (Professional integrity)	Human Factors Paper Module 3 Discussion	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)	Final Paper											P	P									A					I
3.3.1f Oral Communication - Communicate effectively using oral communication skills	6 Communicate effectively, using both written and oral communication skills (Communication)	Oral presentation											P	P		P							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									P			P			P		A				
3.3.1h Contemporary issues - Assess contemporary issues	4. Demonstrate a lifelong commitment to personal excellence through service and continuing education. (Knowledge)	Loft 1					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	I										P	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 2 aviation Environment					I	U/P												A								
3.3.1k Apply pertinent knowledge in identifying and solving problems	5. Appraise unsafe operational conditions in the aviation environment. 7. Creatively solve technical problems related to the aviation workplace using math and science. (Critical thinking)	Graded Quiz, Discussion, Module quizzes					I						P	P		P			P	A	A							I
3.3.1l Sustainability - Apply knowledge of sustainability to aviation issues	2. Demonstrate a global perspective on sustainable aviation business practices. (Knowledge)	Discussion 7					I																					

- b. **Student retention and graduation rates**, including the number of degrees produced each year, the percentage of students enrolled one year after starting the program, and the percentage of bachelor's students graduating within 6 years.

Degrees Conferred Each Year

Degrees Conferred by Academic Year									
Level	Counts					Change			
	2020	2021	2022	2023	2024	+- 1yr	% 1yr	+- 5yr	% 5yr
Bachelor	14	45	33	51	61	10	+20%	47	+336%
Total	14	45	33	51	61	10	+20%	47	+336%

% of Students Enrolled after 1 year and % Graduating Within 6 Years

Freshman Retention and Completion Rates										
Year	1	2	3	4	5	6				
Cohort	Cont	Cont	Cont	Grad	Cont	Grad	Cont	Grad	Cont	Grad
F2015	79%	71%	47%	21%	18%	45%	3%	55%		61%
F2016	69%	59%	31%	21%	3%	44%		54%		54%
F2017	73%	66%	51%	2%	10%	41%	10%	49%	5%	54%
F2018	73%	62%	44%	8%	18%	31%	4%	46%	1%	52%
F2019	69%	56%	43%	14%	10%	38%	7%	44%		
F2020	76%	70%	58%	9%	9%	51%				
F2021	77%	66%	49%	17%						
F2022	80%	65%								
F2023	76%									

Average Terms (Semesters) to Graduation: For 2024, the average Terms to Graduation was 9.2 which would be 4.6 years.

Enrolled Terms to Degree by Graduation Year					
-	2020	2021	2022	2023	2024
Bachelor	9.9	10.4	9.5	9.9	9.2
Freshmen	10.2	11.1	9.8	10.3	9.2
Transfer	7.0	7.8	8.8	9.2	9.2

- c. **The employment rate and types of employment** (aviation, aviation-related or other positions) of full-time graduates within 1 year of graduation.

Employment Survey Results 23-24:

Graduate Employment Survey ▼ Count of Position	
Aviation	39
Aeronautical Data Analyst	4
Airport Operations	2
Aviation Not Specified	2
Aviation Special Missions Proposals	1
Consultant	1
Pilot	4
Pilot Advanced Flight Instructor	1
Pilot Aerial Survey Contract Pilot	1
Pilot Assistant Chief Flight Instructor	2
Pilot Certified Flight Instructor	10
Pilot Chief Flight Instructor	1
Pilot Chief Pilot	1
Pilot First Officer	3
Pilot Flight Instructor	4
Pilot Survey Pilot	1
Pilot UAS Student Flight Instructor	1
Education	2
Furthering education	2
Other	2
Consultant	1
Senior Software Engineer	1
Retail	4
Retail Operations	3
Retail Sales Associate	1
Grand Total	47