

Program Outcome (University Outcome)	AABI #	Program Learning Outcomes What do the program faculty expect all students to know, or be able to do, as a result of completing this program? v • Note: These should be measurable, and manageable in number (typically 4-6 are sufficient)	Assessment Mapping From what specific courses (or other educational/professional experiences) will artifacts of student learning be analyzed to demonstrate achievement of the outcome?	Assessment Methods What specific artifacts of student learning will be analyzed?	Use of Assessment Data How and when will analyzed data be used by faculty to make changes in pedagogy, curriculum design, and/or assessment work?
1. Demonstrate the ability to work on diverse multi-disciplinary teams. (Diversity)	3.3.1c	Work effectively on multi-disciplinary and diverse teams	PPIL 387 CRM1	Final Scenario	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
2. Demonstrate a global perspective on sustainable aviation business practices. (Knowledge)	3.3.1i	Assess the national and international aviation environment.	AVT 440 Air Carrier Operations	Quiz on Rules and Regulations	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.1k	Apply knowledge of business sustainability to aviation issues.	AVT 440 Air Carrier Operations	Project	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.2.4	Discuss the impact of national and international law, regulations, and labor issues on aviation operations.	AVT 445 Aviation Law	Research Project	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.

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3. Choose ethical courses of action within the operational environment. (Professional integrity)	3.3.1d	Make professional and ethical decisions.	AVT 340 Human Factors	Final (selected questions)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
4. Demonstrate a lifelong commitment to personal excellence through service and continuing education. (Knowledge)	3.3.1f	Engage in and recognize the need for life-long learning.	PPIL 312 Certified Flight Instructor Ground School  AVT 497 Senior Capstone	Quiz (selected questions covering regulations and instructor responsibilities and professionalism)  Oral presentation of portfolio and life-long learning	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.1g	Assess contemporary issues.	AVT 445 Aviation Law	Appealed Cases	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.2.1	Describe the professional attributes, requirements or certifications, and planning applicable to aviation careers.	PPIL 312 Certified Flight Instructor Ground School	Quiz (selected questions covering regulations and instructor responsibilities and professionalism)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.

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5. Appraise unsafe operational conditions within the aviation environment. (Critical thinking)	3.3.1h	Use the techniques, skills, and modern technology necessary for professional practice.	PPIL 387 CRM1	Final Scenario, FMS utilization	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.1j	Apply pertinent knowledge in identifying and solving problems.	AVT 386 Aerodynamics	Quizzes (selected questions)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.2.3	Evaluate aviation safety and the impact of human factors on safety.	AVT 340	Paper and discussion on selected accident reports	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.2.6	Discuss the impact of meteorology and environmental issues on aviation operations.	AVT 242 Aviation Meteorology	Final project	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
6 Communicate effectively, using both written and oral communication skills (Communication)	3.3.1e	Communicate effectively, using both written and oral communication skills.	AVT 445 Aviation Law AVT 497 Senior Capstone	Research paper (written) Research presentation (oral)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.

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7. Creatively solve technical problems related to the aviation workplace using math and science. (Critical thinking)	3.3.1a	Apply mathematics, science, and applied sciences to aviation related disciplines.	AVT 386 Aerodynamics	Quizzes (selected questions)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.1b	Analyze and interpret data.	AVT 386 Aerodynamics	Quizzes (selected questions)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.2.2	Describe the principles of aircraft design, performance, and operating characteristics; and the regulations related to the maintenance of aircraft and associated systems.	AVT 386 Aerodynamics	Aircraft design worksheets	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.
	3.3.2.5	Explain the integration of airports, airspace, and air traffic control in managing the National Airspace System.	PPIL 312 Certified Flight Instructor Ground School	Quiz (selected questions covering procedures and airport operations)	This will be reviewed yearly at the assessment meeting. This meeting occurs after the feedback report is received from the KSU Office of Assessment. The review will determine if the results are still valid and methods for improvement.