

2020-12-10

<b>Program Learning Goal Diversity</b>				
<b>Program Outcome</b>	<b>AABI #</b>	<b>Program Learning Outcomes</b> What do the program faculty expect all students to know, or be able to do, as a result of completing this program?	<b>Assessment Mapping</b> From what specific courses (or other educational/professional experiences) will artifacts of student learning be analyzed to demonstrate achievement of the outcome?	<b>Assessment Methods</b> What specific artifacts of student learning will be analyzed?
1. Demonstrate the ability to work on diverse multi-disciplinary teams.	3.3.1c	Work effectively on multi-disciplinary and diverse teams	PPIL 387 CRM1	Final Scenario

<b>Program Learning Goal Knowledge</b>				
<b>Program Outcome</b>	<b>AABI #</b>	<b>Program Learning Outcomes</b> What do the program faculty expect all students to know, or be able to do, as a result of completing this program? <ul style="list-style-type: none"> <li>Note: These should be measurable, and manageable in number (typically 4-6 are sufficient)</li> </ul>	<b>Assessment Mapping</b> From what specific courses (or other educational/professional experiences) will artifacts of student learning be analyzed to demonstrate achievement of the outcome?	<b>Assessment Methods</b> What specific artifacts of student learning will be analyzed?
2. Demonstrate a global perspective on sustainable aviation business practices.	3.3.1i	Assess the national and international aviation environment.	AVT 440 Air Carrier Operations	Quiz on Rules and Regulations
	3.3.1k	Apply knowledge of business sustainability to aviation issues.	AVT 440 Air Carrier Operations	Project
	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
4. Demonstrate a lifelong commitment to personal excellence through service and continuing education.	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
	3.3.1g	Assess contemporary issues.	AVT 445 Aviation Law	Appealed Cases
	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)

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<b>Program Learning Goal</b>				
<b>Professional Integrity</b>				
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3. Choose ethical courses of action within the operational environment.	3.3.1d	Make professional and ethical decisions.	AVT 340 Human Factors	Final (selected questions)

<p style="text-align: center;"><b>Program Learning Goal</b> <b>Critical Thinking</b></p>				
<b>Program Outcome</b>	<b>AABI #</b>	<b>Program Learning Outcomes</b>	<b>Assessment Mapping</b>	<b>Assessment Methods</b>
		What do the program faculty expect all students to know, or be able to do, as a result of completing this program? <ul style="list-style-type: none"> <li>Note: These should be measurable, and manageable in number (typically 4-6 are sufficient)</li> </ul>	From what specific courses (or other educational/professional experiences) will artifacts of student learning be analyzed to demonstrate achievement of the outcome?	What specific artifacts of student learning will be analyzed?
5. Appraise unsafe operational conditions within the aviation environment.	3.3.1h	Use the techniques, skills, and modern technology necessary for professional practice.	PPIL 387 CRM1	Final Scenario, FMS utilization
	3.3.1j	Apply pertinent knowledge in identifying and solving problems.	AVT 386 Aerodynamics	Quizzes (selected questions)
	3.3.2.3	Evaluate aviation safety and the impact of human factors on safety.	AVT 340	Paper and discussion on selected accident reports
	3.3.2.6	Discuss the impact of meteorology and environmental issues on aviation operations.	AVT 242 Aviation Meteorology	Final project
7. Creatively solve technical problems related to the aviation workplace using math and science.	3.3.1a	Apply mathematics, science, and applied sciences to aviation related disciplines.	AVT 386 Aerodynamics	Quizzes (selected questions)
	3.3.1b	Analyze and interpret data.	AVT 386 Aerodynamics	Quizzes (selected questions)
	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
	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)

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<b>Program Learning Goal Communication</b>				
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6. Communicate effectively, using both written and oral communication skills	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)