

Inter American University of Puerto Rico  
Bayamón Campus  
School of Aeronautics

**Course Assessment 2023-2024**

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**Course Assessment Layout Table**

The following table summarizes the results of the various Pre and Post Assessments for the different aviation courses. Information excludes courses classified as practicums, flight laboratory or low student activity enrollment (contractual) courses.

\* Represents additional input from the Assessment Coordinator – Dr. Jonathan Velazquez

<b>Aviation Course</b>	<b>Average Pre and Post Test Scores</b>	<b>Person Responsible for Data Collection and Analysis</b>	<b>Results of Evaluation</b>  What were the findings of the analysis?	<b>Use of Evaluation Results</b>  1. List any specific recommendations. 2. Describe changes in curriculum, courses, or procedures that are proposed or were made or are being made as a result of the program learning outcome process?
<b>AWSC 2000</b> <b>Introduction to Aeronautics and Space</b>	Pre-Test Score: Post Test Score:	Prof. Genesis Ramirez	A new professor was delivering this course.	No assessment was required.
<b>AWSC 2020</b> <b>Aviation Fundamentals</b>	Pre-Test Score: Post Test Score:	Prof. Genesis Ramirez	A new professor was delivering this course.	No assessment was required.
<b>AWSC 2115</b> <b>Private Pilot Theory</b>	Pre-Test Score: Post Test Score:	Prof. Genesis Ramirez	A new professor was delivering this course.	No assessment was required.



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<b>AWSC 3155 Instrument Pilot</b>	Pre Test Score: n/a Post Test Score: n/a	This course was taught under contractual terms during this academic year by new and different professors.		No assessment was required.
<b>AWSC 3160 Commercial Pilot</b>	Pre Test Score: n/a Post Test Score: n/a	This course was taught under contractual terms during this academic year by new and different professors.		No assessment was required.
<b>AWSC 3300 Aviation Law</b>	Pre Test Score: Post Test Score:	Prof. Felix Velazquez	A new professor was delivering this course.	No assessment was required.
<b>AWSC 3411 Principles of Air Traffic Control</b>	Pre Test Score: Post Test Score:	Prof. Genesis Ramirez	A new professor was delivering this course.	No assessment was required.
<b>AWSC 3600 Aviation Safety and Security</b>	Pre Test Score: 6.1 Post Test Score: 8.3	Prof. Caroline Ocasio Spring 2024 (2024-30)	During the Fall 2023 semester Question #5, a True/False question was missed by 80% of the students.	The question was about the ICAO ADREP system. Additional information on ADREP will be discussed in the classroom. This question will be revised as this was mentioned in class, and it is included in the book, but not necessarily explained in detail.



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<p><b>AWSC 4000</b></p> <p><b>Airport Development and Operations</b></p>	<p>Pre Test Score: 5.5 Post Test Score: 7.4</p>	<p>Prof. Caroline Ocasio</p> <p>Spring 2024 (2024-30)</p>	<p>Question #3 was a challenge for students. The question asked student to identify the regulations that applied to airport managers. Only 32% of students selected the correct group of regulations.</p>	<p>Review the regulations and emphasize the difference between flight regulations and airport regulations. Even though they are similar the way an airport is managed is different than an air carrier or regulations applicable to pilots.</p>
<p><b>AWSC 4204</b></p> <p><b>Air Carrier Operations</b></p>	<p>Pre Test Score: 2.4 Post Test Score: 4.8</p>	<p>Prof. Caroline Ocasio</p> <p>Spring 2024 (2024-30)</p>	<p>0% of students answered Question #3 correctly regarding the Operations Specifications (Ops Specs).</p> <p>In addition, 90% of students answered Question # 8 incorrectly concerning The Fair treatment for Experienced Pilots Act.</p>	<p>For question #3 the course of action is to create a homework where the student must identify and cite the exact regulation for the validity of the air carrier ops specs.</p> <p>For questions #6 it is recommended students learn the correct act, therefore a homework on pilots age is recommended.</p>
<p><b>AWSC 4305</b></p> <p><b>Aviation Weather</b></p>	<p>Pre-Test Score: Post Test Score:</p>	<p>Prof. Mario Signoret</p>	<p>A returning (new) professor was re-delivering this course after almost 10 years.</p>	<p>No assessment was required.</p>
<p><b>AWSC 4310</b></p> <p><b>Human Factors in Aviation</b></p>	<p>Pre-Test Score: Post Test Score:</p>	<p>Prof. Yasmarie Moreno</p>	<p>A new professor was delivering this course.</p>	<p>No assessment was required.</p>
<p><b>AWSC 4320</b></p> <p><b>Advanced Aircraft Systems</b></p>		<p>Course was offered under contractual agreement.</p>		<p>No assessment was required.</p>



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<b>AWSC 4384</b> <b>Training Techniques for Flight Crew (CRM Training)</b>		Course was offered under contractual agreement.		No assessment was required.
<b>AWSC 4600</b> <b>Airline Management</b>	Pre Test Score: 5.5 Post Test Score: 7.0	Prof. Caroline Ocasio Fall 2023 (2024-10)	Only 44% of students answered Question #9 correctly regarding crew work schedules.	Invite a crew member to the classroom to explain how the work schedule works at an airline.
<b>AWSC 4680</b> <b>Aviation Strategic Management</b>	Pre Test Score: 7.0 Post Test Score: 8.2	Prof. Caroline Ocasio Spring 2024 (2024-30)	Once again, students had difficulty with Question #6; only 40% of them chose the correct answer. The question relates to a differentiation strategy.	This question will be reviewed in the Pre/Post Exam as the other option selected might bring confusion and I can see why students keep missing this question as market saturation (one of the answers) is also related to differentiation.

Additional notes:

We had plenty of new professors joining our School as adjuncts and many courses delivered under contractual basis (where only a handful of students were enrolled). Although we were able to hire a full-time professor, she has left on a military leave.

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