

Inter American University of Puerto Rico
Bayamón Campus
School of Aeronautics

Course Assessment 2022-2023

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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

Aviation Course	Average Pre and Post Test Scores	Person Responsible for Data Collection and Analysis	Results of Evaluation What were the findings of the analysis?	Use of Evaluation Results 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?
AWSC 2000 Introduction to Aeronautics and Space	Pre-Test Score: 5.6 Post Test Score: 7.1	Prof. Caroline Ocasio Spring 2023	63% of students missed question #5 on the topic of the Airline Deregulation Act.	This is something that I will monitor but will not be making any changes at this time.
AWSC 2020 Aviation Fundamentals	Pre-Test Score: Post Test Score:	Prof. Carlos Matos	A new professor was delivering this course.	
AWSC 2115 Private Pilot Theory	Pre Test Score: Post Test Score:	Prof. Omar Carle	A new professor was delivering this course.	



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AWSC 3155 Instrument Pilot	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.		
AWSC 3160 Commercial Pilot	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.		
AWSC 3300 Aviation Law	Pre Test Score: 4.2 Post Test Score: 7.5	Prof. Carlos Matos Spring 2023	Students had difficulty with question 4 (accident and incident reporting procedures).	Future courses will cover in more depth what constitutes an accident, an incident, and incidents that do not require reporting.
AWSC 3411 Principles of Air Traffic Control	Pre Test Score: Post Test Score:	Prof. Gabriel Vivas	A new professor was delivering this course.	
AWSC 3600 Aviation Safety and Security	Pre Test Score: 5.3 Post Test Score: 7.4	Prof. Caroline Ocasio Spring 2023	Question #5 was missed by 82% of the student population. This question has to do with ICAO and ADREP.	A homework will be introduced next semester where students can individually tackle this topic.
AWSC 4000 Airport Development and Operations	Pre Test Score: Post Test Score:	Prof. Caroline Ocasio	This course was delivered for the first time by the instructor.	N/A



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AWSC 4204 Air Carrier Operations	Pre Test Score: 3.0 Post Test Score: 3.7	Prof. Caroline Ocasio Spring 2023	Students had difficulties with questions 3 and 8 which dealt with Ops Specs and Reserve Availability Period, respectively. Both were missed by the entire class.	Even though students had many homework assignments, book reading will be a requirement. This is an all-regulations class, and sometimes students become overwhelmed with all the information included in the regulations
AWSC 4305 Aviation Weather	Pre-Test Score: Post Test Score:	Prof. Carlos Matos	A new professor was delivering this course.	
AWSC 4310 Human Factors in Aviation	Pre-Test Score: Post Test Score:	Prof. Yasmarie Moreno	A new professor was delivering this course.	
AWSC 4320 Advanced Aircraft Systems		Course was offered under contractual agreement.		No assessment was required.
AWSC 4384 Training Techniques for Flight Crew (CRM Training)		Course was offered under contractual agreement.		No assessment was required.
AWSC 4600 Airline Management	Pre Test Score: 6.0 Post Test Score: 7.4	Prof. Caroline Ocasio Fall 2022	Question #1 shows that only 37.83% answered it correctly. The question is about baggage handling from the inbound flight to the different outbound	The correct answer was hot baggage, but instead students selected transferred baggage, city baggage or cold baggage. At this time it is a matter of going over the definition of each in more detail, and



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			flights as this is a time critical process that should be optimized to minimize the total transportation time and cost.	hopefully get some visuals such as a video or site visit.
AWSC 4680 Aviation Strategic Management	Pre Test Score: N/A Post Test Score: 8.9	Prof. Caroline Ocasio Spring 2023	67% of students missed question #6 on differentiation strategy.	Use more examples where students become more familiar with just identifying the definition of a differentiation strategy versus recognizing when to use or apply a specific strategy.

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). Hopefully, with the hiring of a full-time professor next year, we can have a bit more stability in the reports submitted.

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