

**COLLEGIATE TRAINING INITIATIVE
AIR TRAFFIC CONTROLLER PROGRAM**

**INTERAMERICAN UNIVERSITY OF PR
SCHOOL OF AERONAUTICS**

Background:

The School of Aeronautics of the InterAmerican University of Puerto Rico (IAU), Bayamón Campus, was selected as the only Hispanic University outside the Continental United States to offer the FAA sponsored Air Traffic Controller Collegiate Training Initiative Program (CTI).

Our School of Aeronautics is located at the Comandante Fernando Luis Ribas Dominicci Airport in Isla Grande, San Juan, Puerto Rico. It currently offers Bachelor of Science Degrees in Airway Science Management and Aircraft Systems Management (Professional Pilot).

The Federal Aviation Administration (FAA)-sponsored Air Traffic Controller Program is offered as a Minor to students of the IAU Bayamón Campus and of the School of Aeronautics who meet the necessary requirements.

General Admission Requirements:

Students interested in joining the Air Traffic Controller CTI Program shall meet the following requirements:

- Be enrolled at IAU under a Bachelor of Science Degree. Students that have graduated from the Bayamón Campus of IAU and have completed all pre-required courses indicated in the next section may also apply to the CTI program.
- Hold a grade point average of at least 2.8 on a 4.0 scale.
- Be fluent in English.
- Complete an interview with a panel composed of at least two professors of the CTI Program.
- Be less than 30 years of age upon completion of the program.
- Be able to complete the FAA requirements for employment indicated elsewhere in this document.

Description of the Program:

The FAA-sponsored CTI Air Traffic Control (ATC) Program provides students with initial Federal Aviation Administration training for careers as Air Traffic Controllers in the terminal or enroute operations at Towers, Approach Controls, or Centers.

This minor consists of eight courses (24 specified credits) in Aviation Sciences, as follows:

- Introduction to Aeronautics*
- Aeronautical Language Skills*
- Principles of Air Traffic Control I (ATC-I)*
- Principles of Air Traffic Control II (ATC-II)*
- Advanced Meteorology
- Advanced Air Traffic Control – Tower Operations (CTI-I)
 - Advanced Air Traffic Control – Advanced Radar (CTI-II)
 - Advanced Air Traffic Control – Terminal and En Route Operations (CTI-III)

Classes marked with an asterisk (*) shall be completed as pre-requisites for the CTI courses. Courses are listed in sequential order. Advanced Meteorology may be taken concurrently with any of the above listed courses.

Students may pass the interview prior to completion of the pre-requisites. They will be tracked until completion of the pre-requisites to ensure they maintain the required grade point average and complete all required Bachelor Degree courses within reasonable time frames and the required age limit.

All the above stated courses are offered ONLY in English. For the CTI courses, End-of-Lesson Tests must be completed with 90% and the Block Tests with at least 70%.

IAU Air Traffic Control Laboratory:

The CTI program courses are completely academic in nature. Course materials are provided by the FAA Mike Monroney Aeronautical Center Academy in Oklahoma City. They are offered in Compact Disk format to be presented by the CTI professors at the classroom. All End-of Lesson tests are provided by the FAA Academy. The School of Aeronautics Air Traffic Control Laboratory is equipped with a tabletop airport to practice tower operations, computers to simulate terminal and enroute radar exercises, and other facilities to complement the lessons. CTI classes are offered once a week for 3 consecutive hours. CTI courses must be taken consecutively.

FAA Internships:

The FAA Headquarters Office in charge of coordination with Hispanic Institutions for Higher Education offers internship opportunities to interested students. Upon selection, they will be appointed to spend time during the semester, or the summer, at FAA facilities in the Continental United States.

FAA Employment Requirements:

In order to be selected for a career as an Air Traffic Controller with the Federal Aviation Administration, students will be required to complete the following additional requirements for the FAA:

- Pass the Air Traffic Control entrance examination. The FAA offers this test to CTI students while enrolled in the CTI courses. It needs to be taken prior to graduation. Graduate students must take it prior to completing all CTI required courses.
- Pass an FAA Second Class Medical Examination. This includes drug and alcohol testing.
- Pass a Security Clearance Evaluation.
- Take a psychological test.
- Pass an interview with FAA officials.
- Complete technical training at the FAA Academy.

Additional Information:

For additional information leave your name, telephone number and/or e-mail address at the School of Aeronautics telephone (787) 279-1912, or via fax at (787) 725-1912. One of the professors will contact you to provide detailed information.